

Борис Дмитриевич Березин



(1929 – 2012)

Ушел из жизни российский физикохимик, доктор химических наук, профессор, лауреат Государственной премии СССР и премии Правительства РФ, академик Российской академии естественных наук **Борис Дмитриевич Березин**.

Борис Дмитриевич родился 2 июля 1929 года. В 1947-1952 гг. – студент Ивановского химико-технологического института (ИХТИ). В 1952-1955 гг. – аспирант кафедры аналитической химии ИХТИ. В 1955 г. защитил докторскую диссертацию и в 1955-1965 гг. занимал должность ассистента кафедры аналитической химии ИХТИ. В это же время работал над докторской диссертацией, которую защитил в 1966 г. В 1967-1972 гг. – профессор кафедры аналитической химии ИХТИ, в 1973-1995 гг. – заведующий кафедрой.

Борис Дмитриевич Березин работал в области общей, аналитической, органической и координационной химии. Научная деятельность Бориса Дмитриевича тесно связана с Ивановским государственным химико-технологическим университетом и Институтом химии растворов им. Г.А. Крестова Российской академии наук. Основанное профессором Березиным научное направление по изучению порфиринов и макрогетероциклических соединений сегодня стало одним из ведущих научных направлений вуза: выполняются сотни научных исследований, публикуются научные статьи и монографии, издается специализированный научный журнал «Макрогетероциклы», который имеет высокий научный рейтинг и в 2013 включен в базу данных Web of Science. В школе химиков-порфиринщиков, основателем которой является Б.Д. Березин, подготовлено свыше 100 кандидатов и докторов наук. На базе ИГХТУ создан научно-исследовательский институт макрогетероциклических соединений, в котором выполняются исследования этого чрезвычайно важного и интересного класса соединений, результаты которых находят применение в самых различных отраслях: медицине,

нелинейной оптике, молекулярной электронике, катализе и др. Сыновья и внуки Бориса Дмитриевича, продолжают династию ученых-химиков.

В 1974-1980 гг. – член научно-технического совета Министерства высшего и среднего специального образования СССР. С 1977 г. – член совета по неорганической химии АН СССР. В 1980-1981 гг. – заведующий лабораторией Отдела химии неводных растворов АН СССР. В 1981-2005 гг. – заведующий отделом, с 1989 г. – заведующий лабораторией ИХНР РАН. В 1986-2009 гг. – председатель Ивановского отделения биохимического общества Российской академии наук (РАН). С 1990 г. – член бюро совета по химической термодинамике и термохимии РАН, председатель секции термодинамики координационных соединений совета. В 1991 г. был избран действительным членом Российской академии естественных наук (РАЕН). В 1995-2009 гг. – профессор кафедры органической химии Ивановского государственного химико-технологического университета. В 1995-2009 гг. – председатель Ивановского отделения Российской академии естественных наук (ИО РАЕН), председатель секции химии ИО РАЕН. С 1987 г. – член совета по биоорганической химии РАН, а с 1988 г. – председатель комиссии по координационной химии порфиринов научного совета по неорганической химии РАН. В 1992-2009 гг. – член бюро секции химии РАЕН, председатель подсекции биокоординационной химии РАЕН. С 2008 г. – член президиума РАЕН.

Входил в состав редколлегии различных сборников и журналов: сборник «Труды Ивановского химико-технологического института» (1968-1976); сборники «Термодинамика и строение растворов», «Проблемы сольватации и комплексообразования», «Вопросы кинетики и катализа», «Термодинамика сольватационных процессов», «Растворы – электролитные системы», «Проявление природы растворителя в термодинамических свойствах растворов» (1976-1989); журнал «Известия высших учебных заведений», серия «Химия и химическая технология» (1972-2009); серия коллективных монографий «Проблемы химии растворов» (1987-2009); «Журнал химии неводных растворов» (1992-1993).

В 1977 г. награжден знаком «Ветеран труда ИХТИ». Орден «Знак Почета» (1976, 1986). В 1979 г. ему было присвоено звание «Заслуженный деятель науки РСФСР», в 1987 г. – звание «Лауреат Государственной премии СССР». В 1999 г. – медаль «За заслуги перед Отечеством». В 2004 г. – Премия Правительства РФ. В 2006 г. – приз Международного общества порфиринов и фталоцианинов (Рим, Италия).

Коллеги, ученики и друзья с теплотой и любовью вспоминают о Борисе Дмитриевиче Березине - выдающемся ученом, мудром наставнике, надежном друге и замечательном человеке.

Источники:

1. [https://persons-info.com/persons/BEREZIN Boris Dmitrievich](https://persons-info.com/persons/BEREZIN_Boris_Dmitrievich)
2. <http://main.isuct.ru/ru/node/10586>

Список основных научных публикаций Б.Д. Березина:

1. BEREZIN, D; SHUKHTO, O; THAO, V; KARIMOV, D; BEREZIN, B.
KINETIC STABILITY OF CORROLE COMPLEXES WITH MANGANESE, COPPER, AND ZINC IN ENVIRONMENTS BASED ON ACETIC AND SULFURIC ACIDS
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 59(12), 1522-1529 (2014)

2. BEREZIN, BD; ZVEZDINA, SV; BEREZIN, MB.
DOUBLE METAL-LIGAND EXCHANGE IN SOLVATE COMPLEX-METAL PORPHYRIN SYSTEMS
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 83(7), 1410-1418 (2013)
3. BEREZIN, BD; ZVEZDINA, SV; BEREZIN, MB.
KINETICS OF THE METAL-LIGAND EXCHANGE OF CADMIUM RHODO- AND PYRROPORPHYRINS WITH COBALT AND ZINC CHLORIDES IN ORGANIC SOLVENTS
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 58(6), 734-739 (2013)
4. KUSTOV, AV; SHEVYRIN, AA; STREL'NIKOV, AI; SMIRNOV, PR; TROSTIN, VN.
CHEMOLYSIS OF CALCIUM OXALATE STONES: STUDY IN VITRO AND POSSIBLE CLINICAL APPLICATION
UROLOGICAL RESEARCH 40(3), 205-209 (2012)
5. ZVEZDINA, SV; BEREZIN, MB; BEREZIN, BD.
METAL EXCHANGE BETWEEN CADMIUM COMPLEXES WITH NATURAL PORPHYRINS AND COBALT CHLORIDE IN ETHANOL
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 36(12), 913-917 (2010)
6. CHIZHOVA, NV; KHELEVINA, OG; KUMEEV, RS; BEREZIN, BD; MAMARDASHVILI, NZ.
SYNTHESIS AND SPECTRAL PROPERTIES OF THE CO₂⁺ AND CO₃⁺ COMPLEXES WITH OCTAARYLTETRAAZAPORPHYRINS
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 80(11), 2387-2390 (2010)
7. ZVEZDINA, SV; BEREZIN, MB; BEREZIN, BD.
NATURAL DYES BASED ON CHLOROPHYLL AND PROTOPORPHYRIN DERIVATIVES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 36(9), 711-714 (2010)
8. KUSTOV, AV; SMIRNOVA, NL; BEREZIN, BD; TROSTIN, VN.
THE ENTHALPIES OF INTERACTIONS OF CA₂^{+(AQ)} AND C₂O₄⁽²⁻⁾ (AQ) IONS IN COMPLEXON SOLUTIONS: COMPETITION BETWEEN COMPLEXATION AND PRECIPITATION
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A 84(4), 588-592 (2010)
9. KUSTOV, AV; BEREZIN, MB; SMIRNOVA, NL; SYSHCHENKO, AF; BEREZIN, BD; TROSTIN, VN.
ENTHALPIES OF REACTION OF CALCIUM CHLORIDE AND SODIUM OXALATE IN AN AQUEOUS NA₂CO₃ SOLUTION
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 54(12), 2027-2030 (2009)
10. KUSTOV, AV; BEREZIN, BD; STREL'NIKOV, AI; SHEVYRIN, AA; TROSTIN, VN.
INTERACTION OF A COMPLEXING AGENT WITH UROLITH AS THE BASIS FOR EFFICIENT LITTLE-INVASIVE THERAPY OF PHOSPHATURIA
DOKLADY PHYSICAL CHEMISTRY 428, 175-177 (2009)
11. KUSTOV, AV; BEREZIN, BD; TROSTIN, VN.
THE COMPLEXON-RENAL STONE INTERACTION: SOLUBILITY AND ELECTRONIC MICROSCOPY STUDIES
JOURNAL OF PHYSICAL CHEMISTRY B 113(28), 9547-9550 (2009)
12. TOLDINA, OV; BEREZIN, DB; BEREZIN, BD.
LIGAND TRANS-EFFECT IN OCTAHEDRAL COMPLEXES OF 3D METALS AND ITS MANIFESTATION IN THE SYNTHESIS OF METALLOPORPHYRINS IN SOLUTION
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 54(7), 1090-1094 (2009)
13. BEREZIN, MB; BEREZIN, BD; SYRBU, SA.
COMPLEX FORMATION OF TETRA(3,5-DI-TERT-BUTYLPHENYL)PORPHINE WITH COPPER(II) AND ZINC(II) ACETATES IN ORGANIC SOLVENTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 35(5), 335-340 (2009)
14. BEREZIN, MB; SEMEIKIN, AS; BEREZIN, BD.
ELECTRONIC EFFECTS AND THE SPECIAL FEATURES OF SOLVATION OF ALKYL AND HYDROXYL SUBSTITUTED TETRAPHENYLPORPHINS AND THEIR COMPLEXES WITH ZINC
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A 82(2), 217-221 (2008)
15. BEREZIN, B.D..
PROBLEMS OF SOLVATION AND COORDINATION COMPOUNDS CHEMISTRY IN SOLUTION

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. SERIYA: KHIMIYA I KHIMICHESKAYA TEKHOLOGIYA 51(9), 11 (2008)

16. BEREZIN, DB; BEREZIN, BD.
CHEMICAL ACTIVATION OF PORPHYRINS IN COORDINATION CORE REACTIONS
CHEMICAL PROCESSES WITH PARTICIPATION OF BIOLOGICAL AND RELATED COMPOUNDS: BIOPHYSICAL AND -
CHEMICAL ASPECTS OF PORPHYRINS, PIGMENTS, DRUGS, BIODEGRADABLE POLYMERS AND NANOFIBERS ,
169-217 (2008)
17. BEREZIN, DB; KARIMOV, DR; SEMEIKIN, AS; BEREZIN, BD.
ON THE PROBABLE MECHANISM OF THE COMPLEX FORMATION REACTION OF METAL SALTS WITH THE BETA-
SUBSTITUTED CORROLES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 33(11), 857-864 (2007)
18. ZVEZDINA, SV; KOZGOVA, EV; BEREZIN, MB; BEREZIN, BD.
CADMIUM(II) FOR ZINC(II) EXCHANGE REACTIONS IN DEUTERO- AND HEMATOPORPHYRIN COMPLEXES IN
DIMETHYL SULFOXIDE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 52(9), 1430-1434 (2007)
19. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
SYNTHESIS AND PROPERTIES OF THE MOLECULAR COMPLEX FORMED BY TETRABROMOTETRAAZAPORPHYRIN
WITH BROMINE
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 77(8), 1455-1457 (2007)
20. ZVEZDINA, SV; BEREZIN, MB; BEREZIN, BD.
KINETICS OF THE METAL-EXCHANGE REACTION OF DEUTEROPORPHYRIN AND GEMATOPORPHYRIN CADMIUM
COMPLEXES WITH COBALT CHLORIDE IN ACETONITRILE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 52(8), 1269-1273 (2007)
21. BEREZIN, MB; ZVEZDINA, SV; BEREZIN, BD.
ON THE MECHANISM OF THE METAL EXCHANGE IN NATURAL CADMIUM PORPHYRINS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 33(7), 488-492 (2007)
22. SIMONOVA, OR; SHEININ, VB; BEREZIN, BD.
CALIBRATION CHARACTERISTICS OF A GLASS ELECTRODE IN DIMETHYL SULFOXIDE IN THE TEMPERATURE
RANGE 298-318 K
JOURNAL OF ANALYTICAL CHEMISTRY 62(7), 680-682 (2007)
23. KUSTOV, AV; BEREZIN, MB; BEREZIN, BD.
ENTHALPIES AND HEAT CAPACITIES OF DISSOLUTION FOR CALCIUM CHLORIDE AND SODIUM OXALATE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 52(1), 129-130 (2007)
24. KUSTOV, AV; BEREZIN, BD.
ENTHALPIES AND HEAT CAPACITIES OF REACTION BETWEEN CALCIUM CHLORIDE AND SODIUM OXALATE IN
WATER
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 52(1), 131-133 (2007)
25. BEREZIN, DB; TOLDINA, OV; BEREZIN, BD.
REACTIVITY OF 3D-METAL SALT SOLVATES IN REACTIONS WITH PORPHYRINS: INFLUENCE OF THE TRANS
EFFECT
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 51(11), 1728-1734 (2006)
26. BEREZIN, DB; TOLDINA, OV; BEREZIN, BD.
EFFECTS OF THE LIGAND STRUCTURE AND ELECTRONIC PROPERTIES OF THE CENTRAL ATOM ON THE KINETICS
OF COMPLEX FORMATION OF N-METHYLOCTAETHYLPORPHYRINE WITH SOLVATE COMPLEXES IN BINARY
SOLVENTS
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 76(10), 1668-1672 (2006)
27. KUSTOV, AV; BEREZIN, BD; STREL'NIKOV, AI; SHEVYRIN, AA; BEREZIN, AB; KOROLEV, VP.
ENERGY OF INTERACTION OF CA²⁺ AND C₂O₄²⁻ IONS IN MULTICOMPONENT LIQUID SYSTEMS: THE

INHIBITION OF UROLITH FORMATION

DOKLADY CHEMISTRY 410, 150-153 (2006)

28. MAMARDASHVILI, GM; BEREZIN, BD.
LIGAND EXCHANGE IN THE COMPLEXONE-PORPHYRIN MACROCYCLE SYSTEM IN REACTIONS OF COPPER(II) ETHYLENEDIAMINETETRAACETATE WITH PORPHYRINS AND PHTHALOCYANINES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 32(7), 529-533 (2006)
29. TOLDINA, OV; BEREZIN, DB; SHATUNOV, PA; BEREZIN, BD.
TRANS-EFFECT IN THE KINETICS OF REACTIONS OF MIXED CU(II) ACETATE SOLVATES WITH N-METHYLOCTAETHYLPORPHINE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 32(7), 534-537 (2006)
30. MAMARDASHVILI, GM; BEREZIN, BD.
INTERACTION OF PORPHYRINS WITH ADENINE AND ADENOSINE COMPLEXES. EFFECT OF A METAL NATURE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 32(4), 276-281 (2006)
31. BEREZIN, BD; BEREZIN, MB; ZVEZDINA, SV.
SYNTHESIS AND USE OF ECOLOGICALLY PURE METAL-CONTAINING DYES BASED ON CHLOROPHYLL DERIVATIVES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 32(3), 226-230 (2006)
32. ZVEZDINA, SV; BEREZIN, MB; BEREZIN, BD.
METAL EXCHANGE REACTIONS BETWEEN CADMIUM PROTOPORPHYRIN AND COBALT AND ZINC CHLORIDES IN ACETONITRILE AND DIMETHYL SULFOXIDE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 51(1), 112-117 (2006)
33. PETROV, OA; OSIPOVA, GV; SEMEIKIN, AS; BEREZIN, BD.
KINETICS OF THE ACID-BASE INTERACTION BETWEEN TETRA(4-TERT-BUTYL)PHTHALOCYANINE AND NITROGEN-CONTAINING BASES IN DIMETHYL SULFOXIDE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 31(12), 894-898 (2005)
34. PETROV, OA; OSIPOVA, GV; BEREZIN, BD; NIKOLAEVA, OI.
KINETICS OF FORMATION OF OCTA(P-BROMOPHENYL)TETRAAZAPORPHINE COMPLEXES WITH N-BASES IN BENZENE-DIMETHYL SULFOXIDE SYSTEM
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 31(11), 809-813 (2005)
35. BEREZIN, BD; AZIZOVA, ES; MAMARDASHVILI, GM.
COORDINATION OF PORPHYRINS TO COPPER(II) ADENINE AND ADENINE NUCLEOSIDE COMPLEXES
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 50(10), 1561-1565 (2005)
36. KLYUEVA, ME; REPINA, NV; BEREZIN, BD.
INTERACTION OF MANGANESE(III) OCTAPHENYLTETRAAZAPORPHINATE WITH TETRAHYDROFURAN IN TOLUENE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 50(3), 454-457 (2005)
37. MAMARDASHVILI, GM; BEREZIN, BD.
INTERACTION OF CHELATES WITH MACROCYCLIC LIGANDS. PORPHYRINS AND HG(II) CHELATE SALTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 31(2), 86-89 (2005)
38. BEREZIN, DB; SHUKHTO, OV; NIKOL'SKAYA, MS; BEREZIN, BD.
SOME PECULIARITIES OF METAL EXCHANGE REACTIONS IN PORPHYRIN AND PHTHALOCYANINE COMPLEXES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 31(2), 95-100 (2005)
39. KLYUEVA, ME; REPINA, NV; CHIZHOVA, NV; BEREZIN, BD.
COMPLEXATION OF OCTA(BROMOPHENYL)TETRAAZAPORPHYRIN WITH MN(II) SALTS IN DMF AND PYRIDINE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 31(1), 19-24 (2005)
40. MAMARDASHVILI, GM; BEREZIN, BD.
REACTION OF CHELATE COMPLEXES WITH MACROCYCLIC LIGANDS: COMPLEXATION OF PORPHYRINS WITH COPPER(II) PEPTIDE COMPLEXES
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 49(11), 1670-1673 (2004)

41. MAMARDASHVILI, GM; BEREZIN, BD.
REACTIONS OF CHELATE COMPLEXES WITH MACROCYCLIC LIGANDS. TETRA-TERT-BUTYLPHTHALOCYANINE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 30(5), 335-338 (2004)
42. BEREZIN, BD; RUMYANTSEVA, SV; BEREZIN, MB.
KINETICS OF METAL EXCHANGE BETWEEN CADMIUM MESOPORPHYRIN AND ZINC AND COBALT SALTS IN
ORGANIC SOLVENTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 30(4), 291-295 (2004)
43. MAMARDASHVILI, GM; CHIZHOVA, NV; BEREZIN, BD.
REACTIONS OF CHELATES WITH MACROCYCLIC LIGANDS: TETRAAZAPORPHYRIN
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 49(3), 408-411 (2004)
44. BEREZIN, BD; RUMYANTSEVA, SV; MORYGANOV, AP; BEREZIN, MB.
CHEMICAL TRANSFORMATIONS OF CHLOROPHYLL AND ITS USE FOR THE NEW GENERATION OF
ENVIRONMENTALLY SAFE DYES
USPEKHI KHIMII 73(2), 197-207 (2004)
45. BEREZIN, BD; BEREZIN, MB; MORYGANOV, AP; RUMYANTSEVA, SV; DYMNIKOVA, NS.
CHLOROPHYLL AND ITS DERIVATIVES, CHLORINS AND PORPHYRINS, AS A PROMISING CLASS OF
ENVIRONMENTALLY FRIENDLY DYES
RUSSIAN JOURNAL OF APPLIED CHEMISTRY 76(12), 1958-1961 (2003)
46. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
SYNTHESIS OF PALLADIUM AND NICKEL COMPLEXES WITH OCTAPHENYLTETRAAZAPORPHYRINS
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 73(10), 1645-1647 (2003)
47. CHIZHOVA, NV; BEREZIN, BD.
SYNTHESIS OF COPPER(II) AND CHLOROMANGANESE(III) COMPLEXES WITH
OCTAPHENYLTETRAAZAPORPHINES
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 48(9), 1359-1363 (2003)
48. KLYUEVA, ME; LOMOVA, TN; BEREZIN, BD; SEMEIKIN, AS.
SAT COMPLEX OF $MnCl_3$ WITH MONOPHENYLOCTAMETHYLPORPHINE
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 48(8), 1238-1243 (2003)
49. MAMARDASHVILI, GM; CHIZHOVA, NV; BEREZIN, BD.
REACTIONS OF CHELATE COMPLEXES WITH MACROCYCLIC LIGANDS. OCTAPHENYLTETRAAZAPORPHINE AND
ITS DERIVATIVES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 29(5), 348-351 (2003)
50. PETROV, OA; LYSOVA, SA; BEREZIN, BD; CHIZHOVA, NV.
COMPLEXATION OF MAGNESIUM ACETYLACETONATE WITH TETRAAZAPORPHINE IN NITROGEN-CONTAINING
BASE-BENZENE SYSTEM
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 29(3), 175-179 (2003)
51. KLYUEVA, ME; STUZHIN, PA; BEREZIN, BD.
MANGANESE COMPLEXES WITH OCTAPHENYLTETRAAZAPORPHINE: ACID-BASE INTERACTIONS AND KINETIC
STABILITY IN PROTON-DONOR SOLVENTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 29(3), 189-195 (2003)
52. MAMARDASHVILI, GM; BEREZIN, BD.
REACTION OF INTRACOMPLEX SALTS OF ALPHA-AMINO ACIDS WITH PORPHYRINS: EFFECT OF THE NATURE OF
PORPHYRIN
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 48(3), 439-442 (2003)
53. PETROV, OA; LYSOVA, SA; BEREZIN, BD.
ACID-BASE INTERACTIONS IN COMPLEXATION OF MAGNESIUM ACETYLACETONATE WITH
TETRAAZAPORPHYRINS IN DIMETHYL SULFOXIDE-BENZENE SYSTEM
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 29(3), 180-186 (2003)

54. MAMARDASHVILI, GM; CHIZHOVA, NV; BEREZIN, BD.
SOLUBILITY OF NITRO AND BROMO DERIVATIVES OF OCTAPHENYLTETRAAZAPORPHINE
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 73(2), 297-299 (2003)
55. KLYUEVA, ME; STUZHIN, PA; BEREZIN, BD.
NEW ASPECTS OF PORPHYRIN COORDINATION CHEMISTRY IN RUSSIA AND FORMER SOVIET UNION
COUNTRIES
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES 7(11-12), 715-718 (2003)
56. BEREZIN, BD; KARMANOVA, TV; GROMOVA, TV; SEMEIKIN, AS.
EFFECT OF PYRROLE BROMO-SUBSTITUTION IN TETRAPHENYLPORPHINE ON THE KINETICS OF COMPLEXATION
WITH ZINC ACETATE IN PYRIDINE AND ACETIC ACID
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 28(12), 834-838 (2002)
57. BEREZIN, BD; MAMARDASHVILI, GM.
REACTIONS OF CHELATES WITH MACROCYCLIC LIGANDS. COMPLEXATION BETWEEN TETRAPHENYLPORPHINE
AND CU(II) COMPLEXES WITH ALPHA-AMINO ACIDS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 28(11), 771-775 (2002)
58. BEREZIN, BD; SHUKHTO, OV; BEREZIN, DB.
A NEW TYPE OF METAL PORPHYRIN DISSOCIATION REACTION
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 47(11), 1763-1768 (2002)
59. LOMOVA, TN; KLYUEVA, ME; BEREZIN, BD.
DIRECT QUANTITATIVE ESTIMATION OF THE MACROCYCLIC EFFECT IN THE DISSOCIATION OF
PROTOPORPHYRIN COMPLEXES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 28(11), 793-797 (2002)
60. BEREZIN, BD; KARMANOVA, TV; GROMOVA, TV; SYRBU, SA; SEMEIKIN, AS.
STUDY OF EXTRA COORDINATION OF BROMO-SUBSTITUTED PORPHYRINS TO ORGANIC BASES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 28(9), 608-612 (2002)
61. BEREZIN, BD; SHUKHTO, OV; BEREZIN, DB.
ON THE MECHANISM OF TRANSMETALATION OF PORPHYRIN COMPLEXES
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 47(8), 1187-1192 (2002)
62. SHEININ, VB; IVANOVA, YB; BEREZIN, BD.
A SPECTROPOTENTIOMETRIC STUDY OF ASSOCIATION EQUILIBRIA OF CATIONIC ACIDS OF MESOPORPHYRIN IX
DIMETHYL ESTER WITH IODIDE IONS IN ACETONITRILE
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 72(7), 1128-1131 (2002)
63. KLYUEVA, ME; LOMOVA, TN; BEREZIN, BD.
KINETICS OF DISSOCIATION OF METALLOPORPHYRINS IN SULFURIC ACID
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY 76(4), 603-609 (2002)
64. SHEININ, VB; IVANOVA, YB; BEREZIN, BD.
INFLUENCE OF WATER ON THE EQUILIBRIA OF PROTONATION OF MESOPORPHYRIN IX DIMETHYL ETHER IN
ACETONITRILE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 28(2), 149-151 (2002)
65. IVANOVA, YB; SIMONOVA, OR; SHEININ, VB; CHIZHOVA, NV; BEREZIN, BD.
SPECTROPOTENTIOMETRIC STUDY OF COMPLEXATION EQUILIBRIUM IN THE SYSTEM H(2)TAPBR(4),
H(2)TAPCL(4)-(CH₃COO)(2)CD-HClO₄-DMSO AT 298 K
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 71(6), 860-864 (2001)
66. MAMARDASHVILI, NZ; IVANOVA, YB; SHEININ, VB; GOLUBCHIKOV, OA; BEREZIN, BD.
INFLUENCE OF THE CHEMICAL MODIFICATION OF PORPHYRINS ON THEIR COORDINATION AND ACID-BASE
PROPERTIES
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 71(5), 797-802 (2001)

67. KARMANOVA, TV; GROMOVA, TV; BEREZIN, BD; SEMEIKIN, AS; SYRBU, SA.
STRUCTURE AND PHYSICOCHEMICAL PROPERTIES OF SUBSTITUTED PORPHYRINS
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 71(5), 803-808 (2001)
68. MAMARDASHVILI, GM; MAMARDASHVILI, NZ; GOLUBCHICOV, OA; BEREZIN, BD.
THE INFLUENCE OF ALKYL BRIDGE SUBSTITUTION ON THE PORPHYRIN SOLUBILITY
JOURNAL OF MOLECULAR LIQUIDS 91(1-3), 189-191 (2001)
69. CHIZHOVA, NV; KHELEVINA, OG; NIKITINA, NY; BEREZIN, BD.
BROMINATION OF TETRAAZAPORPHINE AND ITS BETA-SUBSTITUTED DERIVATIVES USING PYRIDINE AS
SOLVENT AND CATALYST
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 71(4), 567-569 (2001)
70. LOMOVA, TN; BEREZIN, BD.
PORPHYRIN COMPLEXES WITH P, D, AND F METALS IN HIGH OXIDATION STATES: STRUCTURES, ELECTRONIC
ABSORPTION, AND IR SPECTRA
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 27(2), 85-104 (2001)
71. BEREZIN, BD; MAMARDASHVILI, GM.
DETAILS OF PORPHYRIN REACTIONS WITH METAL CHELATES: CHELATES OF 8-HYDROXYQUINOLINE AND
ALPHA-NITROSO-BETA-NAPHTHOL
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 26(10), 748-752 (2000)
72. IVANOVA, YB; SIMONOVA, OR; SHEININ, VB; CHIZHOVA, NV; BEREZIN, BD.
SPECTROPOTENTIOMETRIC STUDY OF THE COMPLEXATION EQUILIBRIUM IN THE H(2)TAP(BR)(4)
(H(2)TAP(CL)(4))-(CH₃COO)(2)CD-HClO₄-DMSO SYSTEM AT 298 K
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY 45(10), 1611-1615 (2000)
73. MAMARDASHVILI, GM; BEREZIN, BD.
COMPLEXATION REACTION BETWEEN PORPHYRINS AND D-METAL CHELATE COMPLEXES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 26(9), 656-661 (2000)
74. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
BROMINATION OF 5,10,15,20-TETRAAZAPORPHINE
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY 36(9), 1392-1395 (2000)
75. MAMARDASHVILI, GM; BEREZIN, BD.
COMPLEXATION OF N-ALKYLTETRAPHENYLPORPHYRIN WITH D-METAL 8-QUINOLINOLATES
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 70(8), 1299-1303 (2000)
76. PETROV, OA; CHIZHOVA, NV; BEREZIN, BD; SYRBU, SA.
ROLE OF ACID-BASE INTERACTIONS IN COMPLEXATION OF TETRAHALOTETRAAZAPORPHYRINS WITH
MAGNESIUM ACETATE IN THE SYSTEM DIMETHYL SULFOXIDE-CHLOROBENZENE
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 70(5), 771-777 (2000)
77. MAMARDASHVILI, GM; BEREZIN, BD.
ROLE OF THE MACROCYCLIC EFFECT IN COMPLEX FORMATION OF PORPHYRINS WITH METAL DIPHENYL
CARBAZONATES
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 70(1), 141-144 (2000)
78. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
NUCLEOPHILIC SUBSTITUTION OF BORON ATOMS WITH HYDROXYLIC GROUPS IN 2,7,12,17-TETRABORON-
5,10,15,20-TETRAAZAPORPHINE MACROCYCLE
ZHURNAL ORGANICHESKOI KHIMII 36(1), 139-140 (2000)
79. MAMARDASHVILI, GM; MAMARDASHVILI, NZ; BEREZIN, BD.
SOLUBILITY OF ALKYLPORPHYRINS
MOLECULES 5(6), 762-766 (2000)
80. PETROV, OA; BEREZIN, BD.
THE KINETICS AND MECHANISM OF COMPLEX FORMATION BETWEEN MAGNESIUM ACETATE AND

TETRAHALOTETRAAZAPORPHYRINS IN THE PYRIDINE-BENZENE SYSTEM
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY 73(12), 1937-1942 (1999)

81. PETROV, OA; BEREZIN, BD; CHIZHOVA, NV; SEMEIKIN, AS.
KINETICS OF COMPLEXATION BETWEEN OCTA(P-BROMOPHENYL)TETRAAZAPORPHINE AND MAGNESIUM ACETYLACETONATE IN ORGANIC BASE-BENZENE SYSTEM
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 25(9), 629-633 (1999)
82. MAMARDASHVILI, GM; BEREZIN, DB; BEREZIN, BD.
REACTIONS OF METAL DITHIZONATES WITH PORPHYRINS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 25(8), 589-592 (1999)
83. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
STATE OF TETRABROMOTETRAAZAPORPHINE AND ITS ZN(II) COMPLEX IN PROTON-DONOR MEDIA
RUSSIAN JOURNAL OF GENERAL CHEMISTRY 69(8), 1312-1316 (1999)
84. MAMARDASHVILI, GM; MAMARDASHVILI, NZ; GOLUBCHIKOV, OA; BEREZIN, BD.
THE EFFECT OF ZN²⁺ COORDINATION ON THE SOLUBILITY OF PORPHYRINS
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY 73(6), 894-898 (1999)
85. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
ACID-BASE INTERACTIONS OF TETRABROMOTETRAAZAPORPHIN AND ITS COMPLEX WITH ZINC(II) IN PROTON-DONOR MEDIA
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY 73(6), 889-893 (1999)
86. PETROV, OA; BEREZIN, BD.
THE EFFECT OF THE NATURE OF THE BASE ON THE KINETICS OF INTERMOLECULAR TRANSFER OF NH GROUP PROTONS OF TETRABROMOTETRAAZAPORPHIN IN BENZENE
ZHURNAL FIZICHESKOI KHIMII 73(5), 830-834 (1999)
87. MAMARDASHVILI, GM; BEREZIN, DB; BEREZIN, BD.
REACTIONS BETWEEN CHELATE COMPOUND AND MACROCYCLES. COMPLEXATION OF N-METHYL-5,10,15,20-TETRAPHENYLPORPHINE WITH ZINC DITHIZONATE
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 25(4), 249-252 (1999)
88. PETROV, OA; CHIZHOVA, NV; BEREZIN, BD.
FORMATION KINETICS AND STABILITY OF PROTON-TRANSFER COMPLEXES WITH OCTA(P-NITROPHENYL)TETRAAZAPORPHINE IN A NITROGEN-CONTAINING BASE-BENZENE SYSTEM
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 25(3), 218-223 (1999)
89. STUZHIN, PA; MAL'CHUGINA, OV; KRUCHININA, TM; MIGALOVA, IS; BEREZIN, BD.
REACTIONS OF THE SIGMA-PHENYL COMPLEX OF FE(III)-OCTAPHENYLTETRAAZAPORPHINE WITH NITROUS BASES
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 25(2), 113-117 (1999)
90. BEREZIN, B.D..
MUTUAL ATOMIC EFFECTS IN PORPHYRIN MOLECULES AND ITS MANIFESTATION IN THEIR STRUCTURE AND AND ELECTRONIC ABSORPTION SPECTRA
JOURNAL OF APPLIED SPECTROSCOPY 66(4), 521 (1999)
91. STUZHIN, PA; MAL'CHUGINA, OV; WOLOWIEC, S; LATOS-GRAZYNSKI, L; BEREZIN, BD.
FORMATION OF STABLE SIGMA-ARYLIRON(III) COMPLEXES FROM THE REACTION OF CHLOROIRON(III) OCTAPHENYLTETRAAZAPORPHYRINATE WITH ARYL GRIGNARD REAGENTS
MENDELEEV COMMUNICATIONS (4), 143-145 (1998)
92. PETROV, OA; KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
SLOW INTERMOLECULAR TRANSFER OF PYRROLE NH PROTONS OF TETRAHALOTETRAAZAPORPHYRINS IN THE MORPHOLINE-CHLOROBENZENE SYSTEM
ZHURNAL FIZICHESKOI KHIMII 72(2), 263-267 (1998)

93. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
CHLOROMETHYLATION OF TETRAAZAPORHINE
ZHURNAL ORGANICHESKOI KHIMII 34(2), 307-309 (1998)
94. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
CHARACTERISTICS OF TETRABROMOTETRAAZAPORPHINE IN PYRIDINE
ZHURNAL ORGANICHESKOI KHIMII 34(4), 624-627 (1998)
95. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
CHARACTERISTICS OF ELECTROPHILIC SUBSTITUTION IN MESO-TETRAAZAPORPHYRINS
ZHURNAL ORGANICHESKOI KHIMII 34(5), 647-654 (1998)
96. MAMARDASHVILI, GM; MAMARDASHVILI, NZ; GOLUBCHIKOV, OA; BEREZIN, BD.
SOLUBILITY OF DIMERIC 5,15-DIPHENYLOCTAALKYLPORPHYRINS AND THEIR COMPLEXES WITH ZINC
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 24(9), 605-607 (1998)
97. MALKOVA, OV; BAZLOVA, IY; ANDRIANOV, VG; BEREZIN, BD.
COORDINATION OF TETRAPHENYLPORPHYRINS WITH METAL SALTS IN NONAQUEOUS SOLVENTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 24(6), 446-448 (1998)
98. MALKOVA, OV; BAZLOVA, IY; ANDRIANOV, VG; SEMEIKIN, AS; BEREZIN, BD.
REACTIVITY OF SOME AZAPORPHYRINS IN ACETONITRILE
ZHURNAL FIZICHESKOI KHIMII 71(6), 1004-1006 (1997)
99. TROFIMENKO, GM; BEREZIN, BD.
THE INFLUENCE OF ALKYL SUBSTITUTION IN PORPHYRINS ON THEIR SOLUBILITY IN ORGANIC SOLVENTS
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY 23(3), 216-220 (1997)
100. TROFIMENKO, GM; MAMARDASHVILI, NZ; GOLUBCHIKOV, OA; BEREZIN, BD.
SOLUBILITY OF BETA-OCTAALKYLPORPHYRIN DERIVATIVES IN ORGANIC SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 71(2), 298-301 (1997)
101. KHELEVINA, OG; CHIZHOVA, NV; STUZHIN, PA; SEMEIKIN, AS; BEREZIN, BD.
ACID FORMS OF DIAZAPORPHYRINS IN NONAQUEOUS MEDIA
ZHURNAL FIZICHESKOI KHIMII 71(1), 81-85 (1997)
102. KLYUEVA, ME; LOMOVA, TN; BEREZIN, BD.
CHARACTERISTICS OF ELECTRON EFFECT OF SUBSTITUENTS IN MANGANESE(III) PORPHYRINS
ZHURNAL OBSHCHEI KHIMII 67(4), 537-542 (1997)
103. KHELEVINA, OG; PETROV, OA; BEREZIN, BD.
FEATURES OF INTERMOLECULAR PROTON TRANSFER OF THE NH-GROUPS OF OCTA(P-SULFOPHENYL)TETRAAZAPORPHINE IN AQUEOUS MEDIUM
KOORDINATSIONNAYA KHIMIYA 22(12), 898-904 (1996)
104. KHELEVINA, OG; CHIZHOVA, NV; STUZHIN, PA; SEMEIKIN, AS; BEREZIN, BD.
THE ACID FORMS OF COPPER(II) COMPLEX WITH 3,7,13,17-TETRAMETHYL-2,8,12,18-TETRABUTYL-5,15-DIAZAPORPHYRIN IN PROTON-DONOR MEDIA
KOORDINATSIONNAYA KHIMIYA 22(11), 866-869 (1996)
105. TROFIMENKO, GM; SEMEIKIN, AS; BEREZIN, MB; BEREZIN, BD.
THE INFLUENCE OF ISOMERISM OF ETHIOPORPHYRINS ON THEIR PHYSICOCHEMICAL PROPERTIES
KOORDINATSIONNAYA KHIMIYA 22(6), 505-509 (1996)
106. MALKOVA, OV; BAZLOVA, IY; ANDRIANOV, VG; SEMEIKIN, AS; BEREZIN, BD.
STABILIZATION FACTORS OF CATIONIC FORMS OF OCTAALKYLPORPHYRINS IN ACETONITRILE
ZHURNAL FIZICHESKOI KHIMII 70(6), 1143-1145 (1996)
107. STUZHIN, PA; HAMDUSH, M; BEREZIN, BD.
KINETIC STABILITY OF OCTAPHENYLTETRAAZAPORPHYRIN COMPLEXES WITH FE(III) IN PROTON-DONOR MEDIA
ZHURNAL FIZICHESKOI KHIMII 70(5), 807-814 (1996)

108. BEREZIN, BD.
BIOINORGANIC CHEMISTRY OF PORPHYRINS
KOORDINATSIONNAYA KHIMIYA 22(5), 405-405 (1996)
109. BEREZIN, BD.
PHOTOSYNTHESIS FROM THE VIEWPOINT OF COORDINATION CHEMISTRY
KOORDINATSIONNAYA KHIMIYA 22(4), 285-298 (1996)
110. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD.
INTERACTIONS IN THE SYSTEM PORPHYRIN-PERCHLORIC ACID-A SOLVENT
ZHURNAL FIZICHESKOI KHIMII 69(9), 1588-1591 (1995)
111. BEREZIN, BD; TROFIMENKO, GM; BEREZIN, MB.
ACETYLACETONE INHIBITION OF COORDINATION REACTION OF METAL ACETYLACETONATES WITH
PORPHYRINS
ZHURNAL FIZICHESKOI KHIMII 69(7), 1202-1204 (1995)
112. BEREZIN, BD; TROFIMENKO, GM; SEMEIKIN, AS; BEREZIN, MB.
THE KINETICS OF COMPLEX-FORMATION OF INTRACOMPLEX SALTS OF COPPER(II) WITH PORPHYRINS IN
PROPANOL
KOORDINATSIONNAYA KHIMIYA 21(6), 499-504 (1995)
113. STUZHIN, PA; KHAMDUSH, M; BEREZIN, BD.
THE STATE OF IRON COMPLEXES WITH OCTAPHENYL-TETRAAZAPORPHIN IN SULFURIC-ACID-SOLUTIONS
KOORDINATSIONNAYA KHIMIYA 21(5), 379-383 (1995)
114. PETROV, OA; KHELEVINA, OG; BEREZIN, BD.
KINETICS OF ACID-BASE INTERACTION OF OCTA(N-SULFOPHENYL) TETRAAZA PORPHINE WITH ORGANIC-
BASES IN WATER
ZHURNAL FIZICHESKOI KHIMII 69(5), 811-815 (1995)
115. PETROV, OA; KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
KINETICS OF FORMATION OF TETRABROMOTETRAAZAPORPHIN COMPLEXES WITH DIMETHYL FORMAMIDE
AND DIMETHYL-SULFOXIDE IN CHLOROBENZENE
KOORDINATSIONNAYA KHIMIYA 20(11), 876-880 (1994)
116. TROFIMENKO, GM; BEREZIN, MB; SEMEIKIN, AS; BEREZIN, BD.
EFFECT OF SINGLE MESO-SUBSTITUTION IN (1-8)-ALKYL-SUBSTITUTED PORPHYRINS ON THEIR COORDINATION
IN N-PROPANOL
ZHURNAL NEORGANICHESKOI KHIMII 39(9), 1493-1496 (1994)
117. SOKOLOVA, TN; LOMOVA, TN; MOROZOV, VV; BEREZIN, BD.
COMPLEX-COMPOUNDS OF LANTHANIDES WITH PHTHALOCYANINE - TRIPLE-DECKER COMPOUNDS
KOORDINATSIONNAYA KHIMIYA 20(8-9), 637-640 (1994)
118. KHELEVINA, OG; TIMOFEEVA, SV; BEREZIN, BD; VAGIN, SI.
REACTIVITY OF TETRAAZAPORPHINE HALOGEN-DERIVATIVES IN THE COORDINATION REACTION WITH ZN(II)
IONS
ZHURNAL FIZICHESKOI KHIMII 68(8), 1423-1426 (1994)
119. PETROV, OA; KHELEVINA, OG; BEREZIN, BD.
SPECIFIC FEATURES OF FORMATION KINETICS AND FORMATION MECHANISM OF WATER-SOLUBLE COMPLEX
OF MAGNESIUM(II) WITH OCTA(P-SULFOPHENYL)TETRAAZAPORPHIN
KOORDINATSIONNAYA KHIMIYA 20(7), 500-503 (1994)
120. STUZHIN, PA; MIGALOV, IS; BEREZIN, BD; LUBIMOV, AV.
SYNTHESIS AND SPECTRAL PROPERTIES OF IRON COMPLEXES WITH TETRAPHENYL TETRAAZAPORPHINE
KOORDINATSIONNAYA KHIMIYA 20(6), 444-448 (1994)
121. BEREZIN, BD; TROFIMENKO, GM; BEREZIN, MB.
SOLUBILITY OF MESOPORPHYRINS AND DEUTEROPORPHYRINS IN HEXANE-BASED BINARY SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 68(6), 1102-1105 (1994)

122. BEREZIN, BD; ANDRIANOV, VG; BEREZIN, DB.
STABILIZING FACTORS OF PORPHYRIN ACIDIC CATIONIC FORMS
KOORDINATSIONNAYA KHIMIYA 20(5), 350-353 (1994)
123. BEREZIN, BD; NURMATOV, AA; SEMEIKIN, AS; BEREZIN, MB.
SUBSTITUTION OF PORPHYRINS FOR ACETYLACETONATE LIGANDS IN THE COPPER AND ZINC COORDINATION SPHERES
KOORDINATSIONNAYA KHIMIYA 20(5), 391-396 (1994)
124. PETROV, OA; KHELEVINA, OG; BEREZIN, BD.
INFLUENCE OF MEDIUM ACIDITY AND SOLVENT NATURE ON THE KINETICS AND MECHANISM OF THE ZINC COMPLEX WITH OCTA(P-SULFOPHENYL)TETRAAZAPORPHIN FORMATION IN WATER SOLUTION
KOORDINATSIONNAYA KHIMIYA 20(4), 270-273 (1994)
125. LOMOVA, TN; ANDRIANOVA, LG; SOKOLOVA, TN; BEREZIN, BD.
KINETIC STABILITY OF SCANDIUM(III) AND YTTRIUM(III) PHTHALOCYANINE COMPLEXES OF DIFFERENT STRUCTURE
ZHURNAL NEORGANICHESKOI KHIMII 39(3), 446-449 (1994)
126. ANDRIANOV, VG; MALKOVA, OV; LOIKO, VE; BEREZIN, BD.
BASIC IONIZATION OF PARASUBSTITUTED TETRAPHENYLPORPHINES IN DIMETHYLSULFOXIDE
ZHURNAL FIZICHESKOI KHIMII 68(2), 366-367 (1994)
127. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
BROMATION OF PORPHYRINS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 37(1), 20-23 (1994)
128. TSVETKOVA, IV; ANDRIANOV, VG; BEREZIN, BD.
ACID-BASE PROPERTIES OF TETRAAZAPORPHINE AND TRIAZATETRABENZOPORPHINE IN DIMETHYLFORMAMIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 37(1), 73-76 (1994)
129. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
KINETICS OF THE BROMINATION OF TETRAAZAPORPHYRINS
ZHURNAL ORGANICHESKOI KHIMII 30(1), 144-147 (1994)
130. KHELEVINA, OG; TIMOFEEVA, SV; BEREZIN, BD.
SYNTHESIS AND SPECTRA OF TETRACHLOROTETRAAZAPORPHYRIN
ZHURNAL ORGANICHESKOI KHIMII 30(2), 295-296 (1994)
131. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
SULFONATION OF OCTAPHENYL-MESO-TETRAAZAPORPHINE AND ITS COMPLEX WITH COPPER
ZHURNAL ORGANICHESKOI KHIMII 30(10), 1566-1567 (1994)
132. KHELEVINA, OG; TIMOFEEVA, SV; BEREZIN, BD.
SULFONATION OF TETRAAZAPORPHINE
ZHURNAL ORGANICHESKOI KHIMII 30(12), 1778-1779 (1994)
133. KHELEVINA, OG; TIMOFEEVA, SV; BEREZIN, BD.
NUCLEOPHILIC-SUBSTITUTION IN TETRAAZAPORPHINES
ZHURNAL ORGANICHESKOI KHIMII 30(12), 1780-1781 (1994)
134. MAMARDASHVILI, NZ; KLOPOVA, LV; SEMEIKIN, AS; GOLUBCHIKOV, OA; BEREZIN, BD.
KINETICS OF CU(II) AND ZN(II) ACETATE COORDINATION OF MS-DIPHENYL-BETA-OCTAALKYLPORPHYRIN DIMER WITH 2 BRIDGED O(CH₂)₄O GROUPS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 37(1), 76-80 (1994)
135. STUZHIN, PA; MIGALOVA, IS; BEREZIN, BD.
SPECTRAL STUDY OF FE(II) COMPLEXES WITH OCTAPHENYL-TETRAAZAPORPHINE
ZHURNAL NEORGANICHESKOI KHIMII 38(12), 2004-2010 (1993)

136. CHIZHOVA, NV; KHELEVINA, OG; BEREZIN, BD.
SYNTHESIS OF SULFOCHLORIDES BASED ON OCTAPHENYLTETRAAZAPORPHINE
ZHURNAL ORGANICHESKOI KHIMII 29(11), 2211-2213 (1993)
137. TIMOFEEVA, SV; KHELEVINA, OG; BEREZIN, BD.
COORDINATION PROPERTIES OF 2,7,12,17-TETRASULFO ACIDS OF TETRAAZAPORPHINE
ZHURNAL FIZICHESKOI KHIMII 67(9), 1798-1801 (1993)
138. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
PHOTOCHEMICAL STABILITY OF TETRAAZAPORPHYRINS
ZHURNAL FIZICHESKOI KHIMII 67(9), 1877-1879 (1993)
139. KUVSHINOVA, EM; PUKHOVSKAYA, SG; GOLUBCHIKOV, OA; BEREZIN, BD.
CONDITION OF TRANSITION-METAL SALTS IN DMFA AND THEIR COORDINATION PROPERTIES IN THE
REACTION WITH PORPHYRINS
KOORDINATSIONNAYA KHIMIYA 19(8), 630-632 (1993)
140. SHEININ, VB; IVANOVA, YB; BEREZIN, BD.
GLASS-ELECTRODE CALIBRATION IN ACETONITRILE AT 288-318-K - DISSOCIATION-CONSTANTS OF M-
NITROANILINE
JOURNAL OF ANALYTICAL CHEMISTRY 48(7), 847-850 (1993)
141. TROFIMENKO, GM; BEREZIN, BD.
EFFECT OF THE STRUCTURE OF LIGAND REACTIVE CENTER AND TETRAAZAPORPHYRIN COMPLEXES ON THEIR
SOLUBILITY IN ORGANIC-SOLVENTS
ZHURNAL NEORGANICHESKOI KHIMII 38(6), 1049-1052 (1993)
142. BEREZIN, BD.
ELECTRONIC AND STERIC EFFECTS IN COORDINATION SPHERE OF COMPLEXES
KOORDINATSIONNAYA KHIMIYA 19(5), 358-367 (1993)
143. TROFIMENKO, GM; CHIZHOVA, NV; BEREZIN, BD.
SUBSTITUENT EFFECT IN MACRORING ON SOLUBILITY OF TETRAAZAPORPHYRINS
ZHURNAL OBSHCHEI KHIMII 63(4), 920-923 (1993)
144. LOMOVA, TN; BEREZIN, BD.
ADVANCES IN THE SYNTHESIS OF PORPHYRINS COMPLEX-COMPOUNDS WITH HIGH-CHARGED CATIONS OF P-
METALS, D-METALS AND F-METALS
KOORDINATSIONNAYA KHIMIYA 19(3), 171-184 (1993)
145. TSVETKOVA, IV; ANDRIANOV, VG; BEREZIN, BD.
ACID-BASE IONIZATION OF OCTAPHENYLTETRAAZAPORPHINE IN DIMETHYLFORMAMIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 36(5), 32-35 (1993)
146. PETROVA, RA; KHELEVINA, OG; BEREZIN, BD; SAIDLOVA, FL.
SYNTHESIS OF CHLOROMETHYLATED OCTAPHENYLTETRAAZAPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 36(2), 102-104
(1993)
147. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD; TROFIMENKO, GM.
COMPLEXING PROPERTIES OF PORPHYRINS IN ACETONITRILE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 36(4), 116-118
(1993)
148. SHEININ, VB; IVANOVA, YV; BEREZIN, BD.
TEMPERATURE SCALE OF PH IN ACETONITRILE FOR 288-318-K TEMPERATURE-RANGE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 36(1), 115-116
(1993)
149. BEREZIN, MB; NURMATOV, AA; BEREZIN, BD.
CHEMICAL-TRANSFORMATIONS IN THE 3D-METALS CHLOROPHILE-LIGAND-NITRATES SYSTEM IN ICY ACETIC-

ACID

ZHURNAL NEORGANICHESKOI KHIMII 38(1), 126-129 (1993)

150. LOIKO, VE; ANDRIANOV, VG; BEREZIN, BD.

BASIC IONIZATION OF PARA-SUBSTITUENTS OF TETRAPHENYLPORPHINE IN DIMETHYLFORMAMIDE AND ACETONITRILE

ZHURNAL FIZICHESKOI KHIMII 66(12), 3394-3397 (1992)

151. SHCHUKINA, MV; GNEDIN, BG; BEREZIN, BD.

KINETICS AND MECHANISM OF SOLVOLYSIS OF TETRASULFONIC ACID FLUOROANHYDRIDES AS MESO-TETRAPHENYLPORPHINE DERIVATIVES IN CONCENTRATED SULFURIC-ACID

ZHURNAL ORGANICHESKOI KHIMII 28(12), 2464-2472 (1992)

152. LOMOVA, TN; SOKOLOVA, TN; BEREZIN, BD.

KINETIC STABILITY OF DIPHthalOCYANIN LANTHANIDES FROM PRASEODYMIUM TO LUTHECIUM

ZHURNAL NEORGANICHESKOI KHIMII 37(10), 2238-2244 (1992)

153. KLYUEV, SA; VODZINSKII, SV; SEMEIKIN, AS; SHEININ, VB; BEREZIN, BD.

EFFECT OF MESO SUBSTITUENTS ON THE ELECTROCHEMICAL PARAMETERS FOR THE REDUCTION OF MANGANESE PORPHYRIN COMPLEXES WITH SYMMETRICAL AND ASYMMETRICAL STRUCTURE OF THE PORPHYRIN LIGAND

BULLETIN OF THE RUSSIAN ACADEMY OF SCIENCES-DIVISION OF CHEMICAL SCIENCE 41(7), 1304-1306 (1992)

154. BEREZIN, BD; DANILYAROV, DD; ASKAROV, KA; BEREZIN, MB.

EFFECT OF SOLVENT AND PORPHYRIN NATURE ON FORMING MECHANISM OF METALLOPORPHYRINS

ZHURNAL FIZICHESKOI KHIMII 66(6), 1632-1638 (1992)

155. BEREZIN, BD.

THEORETICAL AND APPLIED PROBLEMS OF THE CHEMISTRY OF PORPHYRINS

ZHURNAL NEORGANICHESKOI KHIMII 37(6), 1260-1288 (1992)

156. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.

KINETICS OF TETRAAZAPORPHINE BROMINATION

KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (5), 619-624 (1992)

157. LOMOVA, TN; SOKOLOVA, TN; MOZHZHUKHINA, EG; MOSKALEV, PN; BEREZIN, BD.

REACTIVITY OF SANDWICH PHTHALOCYANIN-LANTHANIDES COMPLEXES UNDER SOLVOPROTOLYTIC DISSOCIATION

ZHURNAL FIZICHESKOI KHIMII 66(5), 1240-1246 (1992)

158. VRUBLEVSKII, AI; KLYUEV, SA; LIPATOV, NG; SHEININ, VB; BEREZIN, BD.

REDUCTION OF MN(III)-TETRAPHENYLPORPHINE BY ALKALI IN APROTON MEDIA IN THE PRESENCE OF MOLECULAR-OXYGEN

ZHURNAL FIZICHESKOI KHIMII 66(3), 827-829 (1992)

159. BEREZIN, BD; TROFIMENKO, GM; BEREZIN, MB.

THERMODYNAMICS OF DEUTEROPORPHYRIN ZN-COMPLEX SOLUTION IN THE CARBON TETRACHLORIDE-ETHYLACETATE MIXTURE

ZHURNAL FIZICHESKOI KHIMII 66(2), 546-548 (1992)

160. BEREZIN, BD.

SOME PRINCIPLES OF TEACHING THE COORDINATION CHEMISTRY

KOORDINATSIONNAYA KHIMIYA 18(1), 26-34 (1992)

161. MAMARDASHVILI, NZ; KLOPOVA, LV; SEMEIKIN, AS; GOLUBCHIKOV, OA; BEREZIN, BD.

KINETICS OF COORDINATION OF BETA-OCTAALKYLPORPHYRIN AND BETA-OCTAALKYL-MESO-DIPHENYLPORPHYRINS VIA COPPER(II) ACETATE

KOORDINATSIONNAYA KHIMIYA 18(1), 70-74 (1992)

162. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.

SYNTHESIS OF SULFO-DERIVATIVES OF TETRAAZAPORPHINE AND ITS COMPLEX WITH COPPER

ZHURNAL ORGANICHESKOI KHIMII 28(1), 160-163 (1992)

163. PUKHOVSKAYA, SG; GOLUBCHIKOV, OA; BEREZIN, BD.
KINETICS OF THE SOLVOPROTOLYTIC DISSOCIATION OF COMPLEXES OF ZINC AND COPPER WITH THE
CYCLOPHANE DIMER OF TETRAPHENYLPORPHIN
KINETICS AND CATALYSIS 33(1), 13-17 (1992)
164. KARASEV, VV; SHEININ, VB; BEREZIN, BD; PERFILEV, VA.
PURITY OF TRIAZATETRA (TERT-BUTYL)BENZOPORPHINE
ZHURNAL OBSHCHEI KHIMII 61(10), 2344-2348 (1991)
165. BEREZIN, BD.
REACTIVITY OF SOLVATO-COMPLEXES OF TRANSITION-METALS SALTS
USPEKHI KHIMII 60(9), 1946-1968 (1991)
166. BEREZIN, BD; KHELEVINA, OG; TROFIMENKO, GM.
EFFECT OF AZA-SUBSTITUTION AND ALKYL SUBSTITUTION ON SOLUBILITY AND THERMODYNAMICS OF
PORPHYRIN MOLECULE SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 65(8), 2055-2059 (1991)
167. KUVSHINOVA, EM; GOLUBCHIKOV, OA; BEREZIN, BD.
COORDINATION PROPERTIES OF PORPHYRINS CYCLOPHANE DIMERS IN REACTIONS WITH CU(II) AND CO(II)
ACETATES
ZHURNAL OBSHCHEI KHIMII 61(8), 1799-1804 (1991)
168. BEREZIN, MB; DANILYAROV, DD; BEREZIN, BD; ASKAROV, KA.
REACTIVITY OF ASYMMETRICALLY SUBSTITUTED NATURAL PORPHYRINS WITH COPPER(II), ZINC(II) AND
CADMIUM(II) NITRATES IN OXYGEN-CONTAINING ORGANIC-SOLVENTS
ZHURNAL NEORGANICHESKOI KHIMII 36(7), 1734-1736 (1991)
169. KLYUEV, SA; SHEININ, VB; BEREZIN, BD; TSYGANOV, DV; VODZINSKII, SV.
ELECTROCHEMICAL REDUCTION OF FE(III), CR(III), AND MN(III) PORPHYRIN COMPLEXES IN DMSO
BULLETIN OF THE ACADEMY OF SCIENCES OF THE USSR DIVISION OF CHEMICAL SCIENCE 40(7), 1477-1479
(1991)
170. KLYUEV, SA; SHEININ, VB; BEREZIN, BD.
MECHANISM OF ALKALI REDUCTION OF MN(III)-TETRAPHENYLPORPHYRIN IN NONAQUEOUS SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 65(5), 1401-1404 (1991)
171. KLYUEVA, ME; LOMOVA, TN; BEREZIN, BD.
REACTION OF SOLVOPROTOLYTIC DISSOCIATION OF MANGANESE(III) COMPLEXES WITH PROTOPORPHYRIN
AND ITS ANALOGS
ZHURNAL OBSHCHEI KHIMII 61(5), 1244-1249 (1991)
172. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
BROMINATION OF TETRAAZAPORPHINE
ZHURNAL ORGANICHESKOI KHIMII 27(4), 805-809 (1991)
173. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
NEW COMPLEXES OF THORIUM(III) AND THORIUM(IV) WITH PORPHYRIN LIGANDS - SYNTHESIS, SPECTRAL
PROPERTIES AND REACTIVITY
ZHURNAL NEORGANICHESKOI KHIMII 36(3), 641-646 (1991)
174. ANDRIANOVA, LG; BEREZIN, BD; LOMOVA, TN.
SYNTHESIS AND PROPERTIES OF NEW PORPHYRIN COMPLEXES OF THORIUM OF SANDWICH AND DOUBLE-
SANDWICH TYPE
DOKLADY AKADEMII NAUK SSSR 318(1), 112-115 (1991)
175. BEREZIN, BD.
SOLVATO-COMPLEXES AS SPECIFIC CLASS OF COMPLEX-COMPOUNDS
KOORDINATSIONNAYA KHIMIYA 17(5), 597-605 (1991)
176. BEREZIN, BD; PETROV, OA; KHELEVINA, OG.
COMPLEXATION OF ZINC ACETATE WITH NEW WATER-SOLUBLE PORPHYRIN-OCTA(PARA-

- SULFOPHENYL)TETRAAZAPORPHINE IN AQUEOUS-ORGANIC SOLVENTS
KOORDINATSIONNAYA KHIMIYA 17(8), 1124-1129 (1991)
177. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
CHARACTERISTICS OF COMPLEXATION OF 3D-METAL SALTS WITH TETRAAZAPORPHYN BROMINE DERIVATIVES
KOORDINATSIONNAYA KHIMIYA 17(3), 400-404 (1991)
178. BEREZIN, MB; DANILYAROV, DD; BEREZIN, BD; RASHIDOVA, ST; ASKAROV, KA.
CHARACTERISTICS OF KINETICS OF MESOMORPHINE, PYRROPORPHYRIN AND RHODOPORPHYRIN
COMPLEXATION WITH COPPER(II), ZINC(II) AND CADMIUM(II) NITRATES IN DIMETHYL FORMAMIDE AND
DIMETHYL-SULFOXIDE
KOORDINATSIONNAYA KHIMIYA 17(4), 542-547 (1991)
179. TROFIMENKO, GM; KHELEVINA, OG; BEREZIN, BD.
THERMODYNAMICS OF OCTAPHENYL TETRAAZAPORPHINE COMPLEX SOLUBILITY IN BENZENE AND PYRIDINE
KOORDINATSIONNAYA KHIMIYA 17(7), 941-944 (1991)
180. BEREZIN, BD.
DISSOCIATION PROCESSES AND FACTORS OF COMPLEXES STABILIZATION IN SOLUTIONS
TEORETICHESKAYA I EKSPERIMENTALNAYA KHIMIYA 27(3), 270-278 (1991)
181. STUZHIN, P; KHELEVINA, O; BEREZIN, B.
PHTHALOCYANINES: PROPERTIES AND APPLICATIONS
PHOTOCHEM PHOTOBIOLOG 53(53), 419 (1991)
182. KRESTOV, GA; BEREZIN, BD.
BASIC PRINCIPLES OF MODERN CHEMISTRY
ZHURNAL NEORGANICHESKOI KHIMII 35(12), 2995-3004 (1990)
183. SYRBU, SA; SEMEIKIN, AS; BEREZIN, BD.
SYNTHESIS OF TETRAPHENYLPORPHYNES WITH ACTIVE GROUPS IN THE PHENYL RINGS .6. APPLICATION OF
DIAZOTIZATION REACTION FOR SYNTHESIS OF MONOSUBSTITUTED TETRAPHENYLPORPHYRINS
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (11), 1507-1509 (1990)
184. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD; CHIZHOVA, NV.
PRINCIPLE IONIZATION OF TETRAPYRROLE MACROHETEROCYCLES IN ACETONITRILE
ZHURNAL ORGANICHESKOI KHIMII 26(11), 2440-2444 (1990)
185. KOVALENKO, NI; BRUBLEVSKII, AI; KARMANOVA, TV; PETRYAEV, EP; BEREZIN, BD.
ELECTRON-TRANSFER REACTIONS WITH THE PARTICIPATION OF PORPHYRINS
HIGH ENERGY CHEMISTRY 24(6), 432-436 (1990)
186. KLYUEV, SA; SHEININ, VB; BEREZIN, BD.
REDOX TRANSFORMATIONS OF MANGANESE(III) TETRAPHENYLPORPHYRIN COMPLEXES IN ALKALI MEDIA
ZHURNAL NEORGANICHESKOI KHIMII 35(9), 2214-2219 (1990)
187. KLYUEV, SA; SHEININ, VB; BEREZIN, BD.
ELECTROCHEMICAL GENERATION OF REDUCED FORMS OF THE TETRAPHENYLPORPHYRIN COMPLEX OF
MANGANESE(III) IN DIMETHYLSULFOXIDE SOLUTION
SOVIET ELECTROCHEMISTRY 26(9), 1075-1077 (1990)
188. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
SYNTHESIS AND CHARACTERISTICS OF (BROMINE)CERIUM(III)TETRAPHENYLPORPHINE DISSOCIATION IN
CH₂COOH-H₂SO₄ MEDIUM
ZHURNAL NEORGANICHESKOI KHIMII 35(8), 2141-2144 (1990)
189. SHUSHIN, SA; ANDRIANOV, VG; BEREZIN, BD.
ACIDIC IONIZATION OF CATION FORMS OF CERTAIN PORPHYRINS IN METHANOL
ZHURNAL FIZICHESKOI KHIMII 64(5), 1243-1247 (1990)
190. BEREZIN, BD; ANDRIANOV, VG; MALKOVA, OV.
UNUSUAL ACID FORMS OF AZAPORPHYRINS IN ORGANIC-SOLVENTS
DOKLADY AKADEMII NAUK SSSR 314(6), 1432-1435 (1990)

191. SEMEIKIN, AS; MAMARDASHVILI, NZ; GLAZUNOV, AV; GOLUBCHIKOV, OA; BEREZIN, BD.
SPECTRAL PROPERTIES OF 2,8,12,18-TETRA-NORMAL-BUTYL-3,7,13,17-TETRAMETHYLPORPHYRIN AND ITS
5,15-DIAZA-DERIVATIVES AND DIPHENYL DERIVATIVES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 33(9), 12-16 (1990)
192. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD.
COMPLEXATION OF PORPHYRINS IN A WEAK-COORDINATING SOLVENT
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 33(4), 117-119
(1990)
193. VENEDIKTOV, EA; LIPATOV, NG; BEREZIN, BD.
STUDY OF SINGLET OXYGEN LUMINESCENCE QUENCHING BY ORGANIC-SOLVENTS WITH PARTICIPATION OF
CHARGE-TRANSFER MECHANISM
KHIMICHESKAYA FIZIKA 9(5), 611-615 (1990)
194. KHELEVINA, OG; BEREZIN, BD; PETROV, OA; GLAZUNOV, AV.
AZAPORPHYRINS AND CHARACTERISTICS OF THEIR COORDINATION BY 3-D METAL-SALTS IN PYRIDINE
KOORDINATSIONNAYA KHIMIYA 16(8), 1047-1052 (1990)
195. VINOGRADOV, SV; LIPATOVA, IM; GOLUBCHIKOV, OA; BEREZIN, BD.
SOLUBILITY OF NICKEL(II) ACETATES AND COPPER(II) CARBOXYLATES IN CARBOXYLIC ACID-BENZENE BINARY-
MIXTURES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 33(8), 14-16 (1990)
196. LIPATOVA, IM; VINOGRADOV, SV; GOLUBCHIKOV, OA; BEREZIN, BD.
STUDY OF THE STATE OF NICKEL(II) ACETATE AND COPPER(II) CARBOXYLATES IN CARBOXYLIC ACID-BENZENE
BINARY-MIXTURES BY THE SOLUBILITY TECHNIQUE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 33(8), 17-20 (1990)
197. SYRBU, SA; SEMEIKIN, AS; BEREZIN, BD; KOIFMAN, ZT.
KINETIC CHARACTERISTICS OF Zn^{2+} COMPLEX-FORMATION WITH MONOSUBSTITUTED
TETRAPHENYLPORPHINES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 33(5), 29-32 (1990)
198. STUZHIN, P.A.; KHELEVINA, O.G.; RYABOVA, M.N.; BEREZIN, B.D..
SPECTROSCOPY OF ACID-BASE INTERACTION OF TETRAAZAPORPHYRIN COMPLEXES IN NONAQUEOUS
SOLUTIONS
JOURNAL OF APPLIED SPECTROSCOPY 52(1), 70 (1990)
199. BEREZIN, BD; BEREZIN, MB.
MACROCYCLIC EFFECT AS A SPECIAL METHOD OF SPATIAL SCREENING
ZHURNAL FIZICHESKOI KHIMII 63(12), 3166-3181 (1989)
200. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
ADDITIONAL COORDINATION IN METAL PORPHYRINS SOLVOPROTOLYTIC DISSOCIATION IN PROTON-DONOR
SOLVENTS
ZHURNAL NEORGANICHESKOI KHIMII 34(11), 2867-2873 (1989)
201. SYRBU, SA; SEMEIKIN, AS; BEREZIN, BD; KOIFMAN, OI.
SYNTHESIS OF TETRAPHENYLPORPHINS WITH ACTIVE GROUPS IN PHENYL RINGS .5.
TETRA(CARBOXYMETHYLENEOXYPHENYL)PORPHINS AND THEIR ETHYL ETHERS
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (10), 1373-1377 (1989)
202. LOMOVA, TN; MOZHZHUKHINA, EG; SHORMANOVA, LP; BEREZIN, BD.
STATE AND MECHANISMS OF DISSOCIATION OF MIXED-LIGAND ACIDOPORPHYRIN METALLIC COMPLEXES IN
SULFURIC-ACID SOLUTIONS
ZHURNAL OBSHCHEI KHIMII 59(10), 2317-2326 (1989)
203. VENEDIKTOV, EA; MOZHZHUKHIN, VV; BORNMANN, U; MOSKALEV, PN; BEREZIN, BD; LEBEDEV, GA.
THERMOGRAVIMETRIC STUDY OF THERMAL OXIDATIVE-DEGRADATION OF PLASTICIZED POLYVINYL-CHLORIDE

IN THE PRESENCE OF LANTHANIDE DIPHthalOCYANINES

JOURNAL OF APPLIED CHEMISTRY OF THE USSR 62(10), 2163-2167 (1989)

204. GOLUBCHIKOV, OA; KUVSHINOVA, EM; KOROVINA, SG; SEMEIKIN, AS; SYRBU, SA; BEREZIN, BD.
KINETICS OF COORDINATION OF CYCLOPHANE AND LINEAR DIMERS OF PORPHYRINS BY ACETATES CU, ZN AND CD
ZHURNAL FIZICHESKOI KHIMII 63(4), 912-918 (1989)
205. GOLUBCHIKOV, OA; LOMOVA, TN; KUVSHINOVA, EM; KOROVINA, SG; KLYUEVA, ME; ZHILINA, ZM; BEREZIN, BD.
COORDINATION PROPERTIES OF SPATIALLY-HINDERED PORPHYRINS AND METAL-PORPHYRINS
ZHURNAL FIZICHESKOI KHIMII 63(2), 346-353 (1989)
206. KHELEVINA, OG; TROFIMENKO, GM; BEREZIN, BD.
THERMODYNAMICS OF DISSOLVING OF AZABENZOPORPHYRIN MG-COMPLEXES IN ORGANIC-SOLVENTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(9), 34-37 (1989)
207. KHELEVINA, OG; STUZHIN, PA; BEREZIN, BD.
SOLVENT EFFECT ON CU(II) SALT COMPLEXATION WITH TETRAAZAPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(12), 44-47 (1989)
208. KHELEVINA, OG; CHIZHOVA, NV; BEREZIN, BD.
UNUSUAL EFFECT OF BROMINE ATOMS ON KINETIC STABILITY OF ZN(II) AND CU(II) COMPLEXES WITH TETRABROMOTETRAAZAPORPHINE IN H₂SO₄ SOLUTIONS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(6), 45-48 (1989)
209. KHELEVINA, OG; TROFIMENKO, GM; BEREZIN, BD.
THERMODYNAMICS OF SOLUTION OF MG-COMPLEXES OF TETRAAZAPORPHYRINS IN ORGANIC-SOLVENTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(6), 57-60 (1989)
210. LIPATOVA, IM; GOLUBCHIKOV, OA; BEREZIN, BD.
SOLUBILITY OF MANGANESE ACETATE IN ALCOHOLS AND ALCOHOL ACETIC ACID-WATER MIXTURES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(4), 119-121 (1989)
211. GOLUBCHIKOV, OA; BEREZIN, BD; AGEEVA, TA; LIPATOVA, IM; KADYKOVA, EL.
STATE AND REACTIVITY OF 3D-METAL ACETATES IN ACIDIC ACID AND ITS MIXTURES WITH DIMETHYLFORMAMIDE
KOORDINATSIONNAYA KHIMIYA 15(1), 26-31 (1989)
212. POTAPOVA, TI; PETROVA, RA; LISOVA, NN; BEREZIN, BD.
OXIDATIVE DESTRUCTION OF TETRABENZOPORPHIN AND ITS DERIVATIVES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 32(1), 42-45 (1989)
213. KLYUEVA, ME; LOMOVA, TN; BEREZIN, BD.
MANIFESTATION OF MACROCYCLIC EFFECT IN THE DISSOCIATION OF ZN²⁺ AND MN³⁺ COMPLEXES WITH PROTOPORPHYRIN
ZHURNAL FIZICHESKOI KHIMII 62(12), 3341-3344 (1988)
214. GOLUBCHIKOV, OA; KOROVINA, SG; KUVSHINOVA, EM; SEMIKIN, AS; SHULGA, AM; PERFILEV, VA; SYRBU, SA; BEREZIN, BD.
SYNTHESIS, SPECTRAL CHARACTERISTICS AND STRUCTURE OF TETRAPHENYLPORPHINE CYCLOPHANE DIMER
ZHURNAL ORGANICHESKOI KHIMII 24(11), 2378-2383 (1988)
215. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD; SEMEIKIN, AS; ZHILINA, II.
UNUSUAL EFFECT OF ISOMERISM ON BASIC PROPERTIES OF MESO-TETRAPHENYLPORPHIN BROMO-DERIVATIVES IN ACETONITRILE
ZHURNAL ORGANICHESKOI KHIMII 24(7), 1546-1550 (1988)
216. GOLUBCHIKOV, OA; KLOPOVA, LV; KADYKOVA, EL; BEREZIN, BD.
KINETICS OF THE COORDINATION OF CUCL₂ WITH TETRAPHENYLPORPHYRIN AND TETRA-(P-METHOXYPHENYL)PORPHYRIN IN THE BINARY SOLVENTS ACETIC ACID-ETHANOL AND ACETIC ACID-

PENTANOL-1

KINETICS AND CATALYSIS 29(4), 674-680 (1988)

217. VENEDIKTOV, EA; MOZHZHUKHIN, VV; MAIZLISH, VE; MOCHALOVA, NL; BEREZIN, BD.
EFFECT OF METAL PHTHALOCYANINES ON THE THERMOOXIDATIVE STABILITY OF A PLASTICIZED POLYVINYL-
CHLORIDE COMPOSITION
JOURNAL OF APPLIED CHEMISTRY OF THE USSR 61(6), 1303-1304 (1988)
218. MOROZOV, VV; SEMEIKIN, AS; GNEDIN, BG; BEREZIN, BD.
SYNTHESIS OF TETRA(4-SULFONATOPHENYL)PORPHIN DERIVATIVES
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (6), 770-772 (1988)
219. LOMOVA, TN; SHORMANOVA, LP; SEMEIKIN, AS; VORONINA, EV; BEREZIN, BD.
INFLUENCE OF FUNCTIONAL SUBSTITUTION ON THE REACTIVITY OF COPPER TETRAPHENYLPORPHYN ON
SOLVATED PROTONS
ZHURNAL OBSHCHEI KHIMII 58(3), 661-665 (1988)
220. GOLUBCHIKOV, OA; KADYKOV, VV; BEREZIN, BD.
STATE AND SOLUBILITY OF MN(II) AND MN(III) ACETATES IN BINARY ORGANIC-SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 62(2), 339-346 (1988)
221. SUROV, IV; BEREZIN, BD.
STABILITY OF HAFNIUM TETRA-2,3-PYRIDINEPORPHYRAZINE IN SULFURIC-ACID
ZHURNAL NEORGANICHESKOI KHIMII 33(2), 522-524 (1988)
222. GOLUBCHIKOV, OA; VINOGRADOV, SV; BEREZIN, BD.
SOLUBILITY AND STATE OF COPPER(II) ACETATE IN BINARY-MIXTURES OF CARBOXYLIC-ACIDS WITH BENZENE
IZVESTIYA VYSSHNIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(7), 17-20 (1988)
223. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD; SEMEIKIN, AS.
EFFECT OF THE HALOGEN NATURE ON BASICITY OF META-SUBSTITUTED TETRAPHENYLPORPHINE
IZVESTIYA VYSSHNIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(3), 40-42 (1988)
224. SHUSHIN, SA; ANDRIANOV, VG; BEREZIN, BD.
CHARACTERISTICS OF ACID-BASE INTERACTION OF PROTOPORPHYRIN AND ITS STRUCTURAL ANALOGS WITH
STRONG ACIDS IN ANHYDROUS SOLUTIONS
IZVESTIYA VYSSHNIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(6), 53-57 (1988)
225. SHEININ, VB; USHAKOVA, LV; BEREZIN, BD; KOIFMAN, OI.
EQUILIBRIA OF PROTONATION OF METHYL-ETHER OF PHYLLOPORPHYRIN(XV) IN DIMETHYLSULFOXIDE
IZVESTIYA VYSSHNIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(12), 63-67 (1988)
226. LOMOVA, TN; KLYUEVA, ME; BEREZIN, BD.
PRINCIPLES OF KINETICS OF DISSOCIATION OF TETRAPHENYLPORPHYRIN MANGANESE(III) EXTRACOMPLEXES
AND ITS STERICALLY HINDERED ANALOGS IN SULFURIC-ACID SOLUTIONS
IZVESTIYA VYSSHNIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(12), 75-81 (1988)
227. STUZHIN, PA; KHELEVINA, OG; BEREZIN, BD.
CHARACTERISTICS OF KINETICS AND MECHANISM OF THE MAGNESIUM SALT COORDINATION WITH
TETRAPORPHIN IN PYRIDINE
KOORDINATSIONNAYA KHIMIYA 14(3), 336-339 (1988)
228. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
SYNTHESIS AND KINETIC STABILITY OF TETRAPHENYL PORPHINE COMPLEXES WITH SCANDIUM AND YTTRIUM
IN ETHANOL-ACETICACID MEDIA
KOORDINATSIONNAYA KHIMIYA 14(4), 453-458 (1988)
229. ANDRIANOVA, LG; LOMOVA, TN; BEREZIN, BD.
SYNTHESIS AND SOME PHYSICAL AND CHEMICAL-PROPERTIES OF MIXED-LIGAND COMPLEXES OF EUROPIUM,
GADOLINIUM AND THULIUM
KOORDINATSIONNAYA KHIMIYA 14(4), 459-463 (1988)

230. KHELEVINA, OG; STUZHIN, PA; BEREZIN, BD.
INFLUENCE OF THE NATURE OF PROTONODONOR SOLVENT ON SOLVOPROTOLYTIC DISSOCIATION OF THE ZINC-TETRAAZAPORPHINE COMPLEX
KOORDINATSIONNAYA KHIMIYA 14(9), 1199-1203 (1988)
231. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD.
BASIC PROPERTIES OF PARA-SUBSTITUTED TETRAPHENYLPORPHINES IN ACETONITRILE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(11), 36-39 (1988)
232. BEREZIN, BD; LOMOVA, TN.
5TH ALL-UNION-CONFERENCE ON COORDINATION AND PHYSICAL-CHEMISTRY OF PORPHYRINS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(9), 126-127 (1988)
233. SUROV, IV; BEREZIN, BD.
PREPARATION AND SPECTRA OF ABSORPTION OF TETRA-2,3-PYRIDINEPORPHYRAZINE OF TIN AND HAFNIUM
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(7), 34-36 (1988)
234. GOLUBCHIKOV, OA; KLOPOVA, LV; DEEVA, IA; BEREZIN, BD.
THERMODYNAMIC AND KINETIC PRINCIPLES OF THE BEHAVIOR OF COBALT ACETATE IN ACETIC-ACID WITH DIOXANE AND FORMAMIDE ADDITIVES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 31(5), 15-18 (1988)
235. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
MECHANISM OF DISSOCIATION AND KINETIC STABILITY OF TETRAPHENYLPORPHYRIN COMPLEXES OF LANTHANIDS FROM SAMARIUM TO LUTECIUM
ZHURNAL FIZICHESKOI KHIMII 61(11), 2921-2928 (1987)
236. LOMOVA, TN; SHORMANOVA, LP; BEREZIN, BD.
SYNTHESIS AND STABILITY OF NICKEL AND PALLADIUM COMPLEXES WITH TETRAPHENYLPORPHYRINS
ZHURNAL NEORGANICHESKOI KHIMII 32(10), 2489-2493 (1987)
237. VENEDIKTOV, EA; PERFILEV, VA; BEREZIN, BD.
QUENCHING OF SINGLET-MOLECULAR-OXYGEN PHOTSENSITIZED LUMINESCENCE BY 1.4-DIAMINOANTHRAQUINONE IN SOLUTIONS
OPTIKA I SPEKTROSKOPIYA 63(3), 680-681 (1987)
238. VENEDIKTOV, EA; KITAEV, VI; BEREZIN, BD.
MECHANISM OF THE DIRECT PHOTOOXIDATION OF TETRABENZOPORPHYRINS BY ATMOSPHERIC OXYGEN IN A SOLUTION
ZHURNAL FIZICHESKOI KHIMII 61(9), 2445-2449 (1987)
239. SYRBU, SA; SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.
SYNTHESIS OF TETRAPHENYLPORPHINES WITH ACTIVE GROUPS IN PHENYL RINGS .4. FUNCTIONALIZED MONOHYDROXYDERIVATIVES OF TETRAPHENYLPORPHINE
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (6), 781-786 (1987)
240. KHELEVINA, OG; STUZHIN, PA; GLAZUNOV, AV; BEREZIN, BD.
STABILITY OF TETRA-(TETRAMETHYLENE)TETRAAZAPORPHINE IN SOLUTIONS OF SULFURIC-ACID
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (5), 629-633 (1987)
241. LOMOVA, TN; VOLKOVA, NI; BEREZIN, BD.
KINETIC AND SPECTRAL CRITERIA OF TETRAPHENYLPORPHIN COMPLEXES OF P-METAL AND D-METAL STRENGTH IN II-V OXIDATION DEGREES
ZHURNAL NEORGANICHESKOI KHIMII 32(4), 969-974 (1987)
242. VENEDIKTOV, EA; PERFILEV, VA; TITOVA, JV; KARAVAEV, BI; BEREZIN, BD.
QUENCHING OF THE LUMINESCENCE OF SINGLET MOLECULAR-OXYGEN IN CCL4 SOLUTION BY SUBSTITUTED DERIVATIVES OF PYRROLE
BIOFIZIKA 32(2), 203-205 (1987)

243. PETROVA, RA; CHIZHOVA, NV; POTAPOVA, TI; BEREZIN, BD.
COLORATION PROPERTIES OF DYES BASED ON CHLOROMETHYLATED TETRABENZOPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 30(6), 79-82 (1987)
244. BEREZIN, BD; LOMOVA, TN.
STRUCTURE AND PHYSICAL AND CHEMICAL CHARACTERISTICS OF COORDINATION-COMPOUNDS OF POLYMER
PHTHALOCYANINES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 30(5), 3-17 (1987)
245. BEREZIN, BD; POTAPOVA, TI; PETROVA, RA; BYKOVA, EV; TEPIKINA, ZA.
ANOMALOUS PROPERTIES OF NICKEL TETRABENZOPORPHIN IN DMSO-H₂SO₄ SOLUTIONS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 30(1), 52-55 (1987)
246. STUZHIN, PA; KHELEVINA, OG; BEREZIN, BD.
CHARACTERISTICS OF KINETICS AND MECHANISM OF MAGNESIUM SALT COORDINATION WITH
TETRAAZAPORPHINE IN PYRIDINE
ZHURNAL FIZICHESKOI KHIMII 61(1), 82-85 (1987)
247. BARVINSKAYA, IK; BOGOMOLOVA, OV; BEREZIN, BD.
KINETIC STABILITY OF CADMIUM MONONITROTETRABENZOPORPHIN COMPLEXES IN THE PYRIDINE-ACETIC
ACID-MEDIA
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 30(3), 42-45 (1987)
248. VENEDIKTOV, E.A.; PERFILEV, V.A.; BEREZIN, B.D..
QUENCHING OF PHOTOSENSITIZED LUMINESCENCE OF SINGLET MOLECULAR OXYGEN BY 1,4-
DIAMINOANTHRAQUINONE IN SOLUTIONS
OPTICS AND SPECTROSCOPY 63(3), 400 (1987)
249. BEREZIN, BD; STUZHIN, PA; KHELEVINA, OG.
ACID-BASE INTERACTION OF TETRAAZAPORPHINE IN ORGANIC-SOLVENTS
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (12), 1677-1681 (1986)
250. VENEDIKTOV, EA; BALAKINA, TA; BEREZIN, BD.
QUENCHING OF SINGLET MOLECULAR-OXYGEN BY PYRROLE IN SOLUTION
KINETICS AND CATALYSIS 27(6), 1274-1276 (1986)
251. BEREZIN, BD; KHELEVINA, OG; STUZHIN, PA; GLAZUNOV, AV.
STABILITY OF COBALT COMPLEXES OF TETRAAZAPORPHYRINS AND PECULIARITIES OF THE MECHANISM OF
THEIR DISSOCIATION IN SULFURIC ACIDS
ZHURNAL FIZICHESKOI KHIMII 60(9), 2189-2193 (1986)
252. GOLUBCHIKOV, OA; BEREZIN, BD.
REGULARITIES OF SOLUBILITY AND THE STATE OF TRANSITION-METAL SALTS IN NONAQUEOUS SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 60(9), 2113-2126 (1986)
253. KHELEVINA, OG; STUZHIN, PA; BEREZIN, BD.
KINETIC STABILITY OF TETRAAZAPORPHIN COMPLEXES IN THE AQUEOUS SULFURIC-ACID
ZHURNAL FIZICHESKOI KHIMII 60(8), 1881-1885 (1986)
254. LIPATOVA, IM; KUVSHINOVA, EM; GOLUBCHIKOV, OA; BEREZIN, BD.
STUDY OF CO, ZN, CD ACETATE SOLVATION IN ETHANOL-MEXANOIC SOLUTIONS BY THE SOLUBILITY METHOD
ZHURNAL FIZICHESKOI KHIMII 60(8), 1900-1903 (1986)
255. VENEDIKTOV, EA; MOZHZHUKHIN, VV; LIPATOV, NG; BEREZIN, BD.
QUENCHING OF SINGLET MOLECULAR-OXYGEN BY ZINC TETRAPHENYLCHLORIN IN SOLUTIONS
KINETICS AND CATALYSIS 27(4), 847-850 (1986)
256. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.
IMPROVED SYNTHESIS OF SUBSTITUTED TETRAPHENYLPORPHINES
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (6), 798-801 (1986)
257. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.
SYNTHESIS OF TETRAPHENYLPORPHINS WITH ACTIVE GROUPS IN PHENYL RINGS .3. APPLICATION OF

DIAZOTIZATION TO SYNTHESIS OF SUBSTITUTED TETRAPHENYLPORPHINS
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (4), 486-490 (1986)

258. LOMOVA, TN; SHORMANOVA, LP; BEREZIN, BD; ANTONOVA, SV.
DISSOCIATION KINETICS AND KINETIC STABILITY OF IRON(III) COMPLEXES WITH TETRAPHENYLPORPHIN AND ITS FUNCTIONAL-DERIVATIVES
ZHURNAL FIZICHESKOI KHIMII 60(3), 590-593 (1986)
259. VENEDIKTOV, EA; MOZHZHUKHIN, VV; BEREZIN, BD.
STABILIZATION OF POLYVINYLCHLORIDE COMPOSITIONS BY PORPHYRINS IN THE PROCESSES OF THEIR PHOTOOXIDATIVE AND THERMOOXIDATIVE DESTRUCTION
DOKLADY AKADEMII NAUK SSSR 290(5), 1137-1140 (1986)
260. SMIRNOV, RP; BEREZINA, GR; KOLESNIKOV, NA; BEREZIN, BD.
CHROMOPHORE SYSTEMS OF CONJUGATED MACROHETEROCYCLES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(7), 3-14 (1986)
261. STUZHIN, PA; KHELEVINA, OG; METELKOVA, SS; BEREZIN, BD.
KINETICS OF THE REACTION OF TETRAZAPORPHIN WITH Mn^{2+} , Cu^{2+} , Zn^{2+} AND Cd^{2+} ACETATES IN ETHANOL
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(5), 19-22 (1986)
262. GOLUBCHIKOV, OA; KADYKOV, VV; BEREZIN, BD.
SOLUBILITY OF MANGANESE ACETATE IN ACETIC ACID-BUTANOL AND ACETIC ACID-DMFA BINARY SOLVENTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(9), 22-26 (1986)
263. MALKOVA, OV; ANDRIANOV, VG; BEREZIN, BD.
BASIC PROPERTIES OF TETRAPHENYLPORPHINE IN ACETONITRILE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(11), 37-39 (1986)
264. PETROVA, RA; BEREZIN, BD; POTAPOVA, TI; TOROPOVA, EL.
SYNTHESIS AND PROPERTIES OF CHLOROMETHYLATED TETRAPHENYLPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(9), 55-59 (1986)
265. KUVSHINOVA, EM; GOLUBCHIKOV, OA; SEMEIKIN, AS; BEREZIN, BD.
KINETICS OF CU-TETRA(PARA-TERT-BUTYLPHENYL)PORPHIN FORMATION IN ETHANOL-WATER, PROPANOL-WATER AND BUTANOL-WATER BINARY SOLVENTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(10), 58-60 (1986)
266. GOLUBCHIKOV, OA; KADYKOV, VV; KUVSHINOVA, EM; BEREZIN, BD.
STUDY OF MANGANESE AND CADMIUM ACETATE SOLVATION IN HEXANE-ACETIC ACID-SOLUTIONS BY THE SOLUBILITY METHOD
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(12), 59-62 (1986)
267. ANDRIANOV, VG; MILYUKOVA, NP; BEREZIN, BD.
BASIC IONIZATION OF PROTOPORPHIN(IX)-GROUP MOLECULES IN DIMETHYL FORMAMIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 29(1), 112-115 (1986)
268. GOLUBCHIKOV, OA; KUVSHINOVA, EM; BEREZIN, BD.
SOLUBILITY AND COORDINATED ABILITY OF CADMIUM ACETATE IN REACTIONS WITH PARAFFINS IN AQUEOUS-ORGANIC SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 60(1), 109-113 (1986)
269. GOLUBCHIKOV, O.A.; BEREZIN, B.D..
APPLIED ASPECTS OF THE CHEMISTRY OF THE PORPHYRINS
RUSSIAN CHEMICAL REVIEWS, 55(8) 768-785 (1986)
270. VENEDIKTOV, EA; PERFILEV, VA; BEREZIN, BD.
SPECIFIC SOLVATION EFFECT ON SINGLET MOLECULAR-OXYGEN DEACTIVATION BY 1,4-DIAMINOANTHRAQUINONE
ZHURNAL FIZICHESKOI KHIMII 59(12), 3048-3051 (1985)

271. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.
SYNTHESIS OF TETRA(NITROPHENYL)PORPHINS AND THEIR REDUCTION TO TETRA(AMINOPHENYL)PORPHINS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 28(11), 47-51 (1985)
272. BEREZIN, BD; KOIFMAN, OI; RASHIDOVA, ST; ASKAROV, KA; GOLUBCHIKOVA, NL; ENIKOLOPOV, NS.
FORMATION AND PHOTOCHEMICAL STABILITY OF ZINC AND E6-CHLORINE COMPLEXES IN ALKALI AQUEOUS-
SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 59(4), 971-973 (1985)
273. BEREZIN, BD; KHARITONOV, SV; POTAPOVA, TI; PETROVA, RA.
THERMODYNAMICS OF BENZOPORPHIN SOLUTIONS IN ORGANIC-SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 59(10), 2425-2428 (1985)
274. KHELEVINA, OG; STUZHIN, PA; SVINOVA, SV; BEREZIN, BD.
STABILITY OF TETRAZAPORPHIN MACROCYCLES IN SULFURIC-ACID
ZHURNAL FIZICHESKOI KHIMII 59(6), 1409-1412 (1985)
275. BEREZIN, BD; KHELEVINA, OG; STUZHIN, PA.
KINETICS OF FORMATION OF UNSUBSTITUTED TETRAZAPORPHIN(PORPHIRAZINE) METAL-COMPLEXES IN
PYRIDINE
ZHURNAL FIZICHESKOI KHIMII 59(9), 2181-2185 (1985)
276. BEREZIN, BD; SEMEIKIN, AS; NIKITINA, GE; KOIFMAN, ZT; KOIFMAN, OI.
EFFECT OF 4-ALKYL HYDROXY-SUBSTITUTION IN TETRAPHENYL PORPHIN ON INTRAMOLECULAR
INTERACTIONS IN SOLID-PHASE AND SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 59(9), 2226-2229 (1985)
277. ANDRIANOV, VG; MILYUKOVA, NP; BEREZIN, BD.
PROTONATED FORMS OF CHLOROPHYLL LIGANDS OF (ALPHA)-SERIES AND (BETA)-SERIES
ZHURNAL FIZICHESKOI KHIMII 59(11), 2891-2893 (1985)
278. LOMOVA, TN; VOLKOVA, NI; BEREZIN, BD.
SPECTROPHOTOMETRIC STUDY OF MOLYBDENUM AND TUNGSTEN COMPLEXES WITH
TETRAPHENYLPORPHYRIN IN PROTON-DONOR SOLVENTS
ZHURNAL NEORGANICHESKOI KHIMII 30(3), 626-629 (1985)
279. LOMOVA, TN; VOLKOVA, NI; BEREZIN, BD.
SYNTHESIS AND KINETIC STABILITY OF TETRAPHENYLPORPHIN COMPLEXES WITH MANGANESE(III)
ZHURNAL NEORGANICHESKOI KHIMII 30(4), 935-938 (1985)
280. SHEININ, VB; ANDRIANOV, VG; BEREZIN, BD; KOROLEVA, TA.
THERMODYNAMICS OF PORPHIN, TETRABENZOPORPHYRINE AND PHTHALOCYANINE ACIDIC IONIZATION IN
DIMETHYL-SULFOXIDE
ZHURNAL ORGANICHESKOI KHIMII 21(7), 1564-1570 (1985)
281. SHEININ, VB; BEREZIN, BD; KHELEVINA, OG; STUZHIN, PA; TELEGIN, FY.
ACIDIC IONIZATION OF TETRAAZAPORPHIN IN DIMETHYL-SULFOXIDE
ZHURNAL ORGANICHESKOI KHIMII 21(7), 1571-1576 (1985)
282. RASHIDOVA, ST; ASKAROV, KA; KOIFMAN, OI; BEREZIN, BD.
INVESTIGATION OF ASSYMETRICALLY SUBSTITUTED PORPHYRINS AND THEIR METAL-COMPLEXES BY THE
INFRARED-SPECTROSCOPY METHOD
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 28(5), 34-38 (1985)
283. KOZLOV, VA; BAGROVSKAYA, NA; BEREZIN, BD.
INVESTIGATION OF AROMATIC SULFO ACID PRESENCE IN AQUEOUS-ACIDIC MEDIA BY THE DISTRIBUTION
METHOD
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 28(2), 34-37 (1985)
284. BEREZIN, BD; BARVINSKAYA, IK; VOLKOVA, AL.
SYNTHESIS OF AMINOTETRABENZOPORPHIN AND ITS SPECTRAL CHARACTERISTICS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 28(1), 33-35 (1985)

285. BEREZIN, B.; KHELEVINA, O. G.; STUZHIN, P. A.
KINETICS OF THE FORMATION OF METAL COMPLEXES OF UNSUBSTITUTED TETRAAZAPORPHINE
(PORPHYRAZINE) IN PYRIDINE
ZH. FIZ. KHIM. 59(9), 2181-2185 (RUSS)
RUSS. J. PHYS. CHEM. 59(9), 1295-1299 (ENGL) (1985)
286. KOIFMAN, OI; ASKAROV, KA; BEREZIN, BD; ENIKOLOPYAN, NS.
NATURAL SOURCES OF PORPHYRINS. METHODS FOR THE ISOLATION AND MODIFICATION OF NATURAL
PORPHYRINS
IN: PORPHYRINS: STRUCTURE, PROPERTIES, SYNTHESIS, MOSCOW: NAUKA, 175-204 (1985)
287. BEREZIN, BD.
COORDINATION, SOLVATION PROPERTIES AND FUNCTIONS OF MAJOR BIOPORPHYRINS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(3), 260-271
(1984)
288. GOLUBCHIKOV, OA; BEREZIN, BD; DEEVA, IA; ZVEZDINA, VV.
SOLUBILITY AND STATUS OF ZINC ACETATE IN A MIXED ACETIC ACID-BUTANOL-1 SOLVENT
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(5), 524-528
(1984)
289. TSVETKOV, GA; SHORMANOVA, LP; BEREZIN, BD.
INFRARED-SPECTRUM OF TETRAPHENYL PORPHYRINE COPPER-COMPLEXES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(7), 782-785
(1984)
290. SUROV, IV; AKOPOV, AS; BEREZIN, BD.
SYNTHESIS OF TETRA-2,3-PYRIDINPORPHYRAZINE COMPLEXES WITH IV-GROUP ELEMENTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(8), 880-884
(1984)
291. POTAPOVA, TI; PETROVA, RA; BEREZIN, BD; KHARITONOV, SV; KOLESOVA, NN.
KINETICS OF SULFONATION OF TETRABENZOPORPHIN AND ITS DISULFOACID STABILITY IN PROTON-DONOR
MEDIA
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(9), 1017-1020
(1984)
292. PETROVA, RA; POTAPOVA, TI; BEREZIN, BD; KHARITONOV, SV; KHARITONOVA, ZV.
SYNTHESIS AND INVESTIGATIONS OF CHLOROMETHYLATED TETRABENZOPORPHIN PROPERTIES
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(11), 1304-1308
(1984)
293. BEREZIN, BD; KHARITONOV, SV; POTAPOVA, TI; PETROVA, RA; LUZHBINA, OS.
KINETICS OF COMPLEXING TETRABENZOPORPHINTETRASULFONIC ACIDS WITH METAL ACETATES IN THE
BINARY PY-WATER SOLVENT
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(12), 1391-1395
(1984)
294. KHELEVINA, OG; STUZHIN, PA; BEREZIN, BD.
KINETIC STABILITY OF TETRAZAPORPHIN IN BINARY-SOLUTIONS H₂SO₄-ACOH AND H₂SO₄-DMSO
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (7), 932-936 (1984)
295. BEREZIN, BD; RASHIDOVA, ST; KOIFMAN, OI; KOIFMAN, ET; ASKAROV, KA; ENIKOLOPOV, NS.
STUDY OF THE KINETICS OF FORMATION OF COPPER AND ZINC COORDINATION-COMPOUNDS WITH
ASYMMETRICALLY SUBSTITUTED PORPHYRINS IN GLACIAL ACETIC-ACID
ZHURNAL FIZICHESKOI KHIMII 58(7), 1662-1666 (1984)
296. KLOPOVA, LV; GOLUBCHIKOV, OA; KAZAKOVA, IM; BEREZIN, BD.
KINETICS OF COORDINATION OF TETRAPHENYLPORPHIN WITH COBALT AND ZINC ACETATES IN MIXED-

SOLVENTS BASED ON ACETIC-ACID

ZHURNAL FIZICHESKOI KHIMII 58(10), 2489-2493 (1984)

297. SHORMANOVA, LP; BEREZIN, BD; TSVETKOV, GA; ARTAMONOVA, OA.
KINETICS OF SOLVOPROTOLYTIC DISSOCIATION OF MANGANESE STABLE COMPLEXES WITH
TETRAPHENYLPORPHIN DERIVATIVES
ZHURNAL FIZICHESKOI KHIMII 58(10), 2511-2514 (1984)
298. LOMOVA, TN; ANDRIANOVA, LG; BEREZIN, BD.
SPECTRA AND STABILITY OF MESOTETRAPHENYLPORPHIN COMPLEXES WITH DYSPROSIUM AND THULIUM
ZHURNAL NEORGANICHESKOI KHIMII 29(7), 1697-1701 (1984)
299. SEMEIKIN, AS; KOIFMAN, OI; NIKITINA, GE; BEREZIN, BD.
SYNTHESIS, EQUILIBRIUM SOLUBILITY, ELECTRON AND PMR SPECTRUM OF MESO-
TETRA(ALKOXYPHENYL)PORPHIN
ZHURNAL OBSHCHEI KHIMII 54(7), 1599-1603 (1984)
300. SHEININ, VB; ANDRIANOV, VG; BEREZIN, BD.
ACIDIC IONIZATION OF MESO-TETRAPHENYLPORPHYRIN IN DIMETHYLSULFOXIDE
ZHURNAL ORGANICHESKOI KHIMII 20(10), 2192-2197 (1984)
301. SHEININ, VB; ANDRIANOV, VG; BEREZIN, BD.
INFLUENCE OF SUBSTITUTE EFFECTS IN MESO-TETRAPHENYLPORPHIN ON ITS ACIDIC IONIZATION IN DMSO
ZHURNAL ORGANICHESKOI KHIMII 20(10), 2224-2230 (1984)
302. BEREZIN, BD.
COMPLEX REACTIVITY AND MECHANISMS OF COMPLEX-FORMATION IN NON-AQUEOUS SOLUTIONS
ZHURNAL VSESOYUZNOGO KHIMICHESKOGO OBSHCHESTVA IMENI D I MENDELEEVA 29(5), 514-521 (1984)
303. BARVINSKAYA, IK; BEREZIN, BD; MALYSHEVA, GI.
UNUSUAL EFFECT OF AMINO-SUBSTITUTION ON THE VELOCITY OF TETRABENZOPORPHIN COMPLEX
FORMATIONS IN PYRIDINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(10), 1145-1147
(1984)
304. BEREZIN, BD; KHARITONOV, SV; PETROVA, RA; POTAPOVA, TI; LAPSHINA, SA.
EFFECT OF MESO-PHENYL SUBSTITUTION IN TETRABENZOPORPHIN ON THE SPEED OF ITS COORDINATION BY
METAL ACETATES IN PYRIDINE
KOORDINATSIONNAYA KHIMIYA 10(7), 931-934 (1984)
305. BEREZIN, BD; RYABUKHIN, YI; SUSLOVA, MA.
3RD ALL-UNION-CONFERENCE ON THE CHEMISTRY OF HETEROCYCLIC-COMPOUNDS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 27(5), 622-623
(1984)
306. KOZLOV, VA; BAGROVSKAYA, NA; BEREZIN, BD.
CHARACTERISTICS OF AROMATIC SULFO ACID-EXTRACTION BY ORGANIC-SOLVENTS FROM CONCENTRATED-
SOLUTIONS OF SULFURIC-ACID
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 26(1), 78-81 (1983)
307. KOZLOV, VA; BAGROVSKAYA, NA; BEREZIN, BD.
STUDY OF DISSOCIATION PECULIARITIES OF SULFO ACIDS IN AN AQUEOUS SULFURIC-ACID MEDIUM BY THE
LIQUID-LIQUID DISTRIBUTION METHOD
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 26(7), 790-793
(1983)
308. MOROZOV, VV; GNEDIN, BG; BEREZIN, BD.
SYNTHESIS AND PROPERTIES OF MESO-TETRA-(4-FLUOROSULFONYLPHENYL)-PORPHIN
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 26(8), 929-933
(1983)

309. MOROZOV, VV; GNEDIN, BG; BEREZIN, BD.
KINETIC REACTIVITY OF TETRA-(4-FLUOROSULFONYLPHENYL)-PORPHIN IN COMPLEXING REACTIONS WITH
TRANSITION-METAL SALTS IN DIMETHYLFORMAMIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 26(9), 1053-1056
(1983)
310. BEREZIN, BD; ASKAROV, KA; RASHIDOVA, ST; GOLUBCHIKOVA, NL; KOIFMAN, OI; ENIKOLOPOV, NS.
OBTAINING AND PROCESSING OF CHLOROPHYLL FROM MULBERRY SILKWORM EXCRETIONS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 26(7), 874-877
(1983)
311. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD; SYRBU, AS.
SYNTHESIS OF TETRAPHENYLPORPHINES WITH REACTIVE GROUPS IN PHENYL RINGS .2. SYNTHESIS OF
TETRA(HYDROXYPHENYL)PORPHINES
KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (10), 1359-1361 (1983)
312. KAZAKOVA, IM; GOLUBCHIKOV, OA; BEREZIN, BD; OCHERETOVYI, AS.
STATE OF COBALT ACETATE IN BINARY SOLVENTS ON THE BASIS OF ACETIC-ACID
ZHURNAL FIZICHESKOI KHIMII 57(1), 96-100 (1983)
313. KOIFMAN, OI; NIKITINA, GE; BEREZIN, BD.
THERMODYNAMICS OF THE TETRAPHENYLPORPHIN COMPLEX DISSOLUTION IN ETHANOL
ZHURNAL FIZICHESKOI KHIMII 57(3), 590-592 (1983)
314. GOLUBCHIKOV, OA; KLOPOVA, LV; SVIRIDOV, AV; BEREZIN, BD.
COORDINATION KINETICS OF COBALT AND ZINC ACETATES WITH TETRAPHENYLPORPHIN IN PYRIDINE-ACETIC
ACID AND DIMETHYLSULFOXIDE ACETIC ACID-SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 57(3), 603-608 (1983)
315. KAZAKOVA, IM; GOLUBCHIKOV, OA; BEREZIN, BD.
STUDY OF THE SOLVATION OF COBALT(II) AND ZINC(II) ACETATES IN MEDIA OF DIOXANE-HEXANE AND
TETRAHYDROFURAN-HEXANE
ZHURNAL FIZICHESKOI KHIMII 57(3), 776-778 (1983)
316. LOMOVA, TN; BEREZIN, BD.
KINETICS AND MECHANISM OF THE DISSOCIATION OF TITANYL AND VANADYL
MESOTETRAPHENYLPORPHYRINS
ZHURNAL FIZICHESKOI KHIMII 57(4), 933-937 (1983)
317. KOZLOV, VA; POPKOVA, IA; BEREZIN, BD.
SOLUBILITY AND DISSOCIATION OF SULFO ACIDS IN WATER-ACID SYSTEMS
ZHURNAL FIZICHESKOI KHIMII 57(6), 1404-1408 (1983)
318. GOLUBCHIKOV, OA; KUVSHINOVA, EM; BEREZIN, BD.
CADMIUM ACETATE SOLVATE COMPLEXES IN PYRIDINE-HEXANE AND DIMETHYLFORMAMIDE-BENZENE
SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 57(6), 1413-1415 (1983)
319. KHARITONOV, SV; BEREZIN, BD; POTAPOVA, TI; PETROVA, RA.
STUDY OF THE COORDINATION REACTION OF TETRA-(5,6-DIMETHYLBENZO)-PORPHIN WITH COBALT, COPPER,
ZINC AND CADMIUM ACETATES IN PYRIDINE
ZHURNAL FIZICHESKOI KHIMII 57(7), 1680-1683 (1983)
320. GOLUBCHIKOV, OA; KAZAKOVA, IM; BEREZIN, BD.
ACETIC-ACID ASSOCIATIVE STATE EFFECT ON THE SOLUBILITY OF COBALT(II) AND ZINC(II) ACETATES IN ACETIC
ACID-HYDROCARBONS BINARY SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 57(11), 2740-2745 (1983)
321. LOMOVA, TN; VOLKOVA, NI; BEREZIN, BD.
SYNTHESIS, SPECTRAL PROPERTIES AND KINETIC STABILITY OF COMPLEXES OF TETRAPHENYL PORPHIN WITH

HAFNIUM AND TANTALUM

ZHURNAL NEORGANICHESKOI KHIMII 28(10), 2514-2518 (1983)

322. AKOPOV, AS; BYKOVA, VV; BEREZIN, BD.

OXIDIZING DESTRUCTION KINETICS OF TETRA-2,3-PYRIDINEPORPHYRAZINE AND ITS COMPLEXES IN THE REACTION WITH HYDROGEN-PEROXIDE

ZHURNAL ORGANICHESKOI KHIMII 19(3), 581-585 (1983)

323. ZVEZDINA, VV; MOTORINA, OR; GUARA, GY; BOCHIN, VP; GOLUBCHIKOV, OA; BEREZIN, BD.

TENSIMETRIC STUDY OF DIHYDRODIBENZOTETRAAZAANNULENE AND ITS COMPLEXES WITH COPPER AND NICKEL

ZHURNAL FIZICHESKOI KHIMII 57(9), 2339-2341 (1983)

324. SVIRIDOV, AV; BEREZIN, BD; GOLUBCHIKOV, OA.

COBALT(II) ACETATE COMPLEX-FORMATION IN ACETIC-ACID WITH ADDITIONS OF DIMETHYLFORMAMIDE AND METHANOL

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 25(2), 141-143 (1982)

325. KHARITONOV, SV; YABLONSKII, OP; BURMISTROV, VA; BEREZIN, BD.

STUDY OF STRUCTURAL PECULIARITIES OF A TETRABENZOPORPHIN SULFODERIVATIVE BY THE PMR METHOD

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 25(7), 823-826 (1982)

326. AKOPOV, AS; BYKOVA, VV; BEREZIN, BD.

EXTRA STABLE COMPLEX OF PALLADIUM(II) WITH TETRA-2,3-PYRIDINEPORPHYRAZINE AND ITS PROPERTIES

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 25(9), 1068-1072 (1982)

327. GOLUBCHIKOVA, NL; KOIFMAN, OI; BEREZIN, BD.

KINETICS OF COMPLEX-FORMATION REACTIONS WITH ASSOCIATED FORMS OF PORPHYRINS

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 25(11), 1312-1316 (1982)

328. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.

SYNTHESIS OF TETRAPHENYLPORPHINES WITH ACTIVE GROUPS IN PHENYL RINGS .1. SYNTHESIS OF TETRA(4-AMINOPHENYL)-PORPHINE

KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII (10), 1354-1355 (1982)

329. BEREZIN, BD; KHELEVINA, OG.

STABILITY OF AN OCTAPHENYLTETRAZAPORPHIN CADMIUM COMPLEX AND ITS SOLVATE-PROTOLYTIC DISSOCIATION IN THE PYRIDINE-ACETIC ACID-MEDIUM

ZHURNAL FIZICHESKOI KHIMII 56(4), 887-890 (1982)

330. BEREZIN, BD; KHELEVINA, OG; BRIN, GP.

PHOTO-REDUCTION OF MAGNESIUM AND ZINC-COMPLEXES OF OCTAPHENYLTETRAAZAPORPHIN

ZHURNAL FIZICHESKOI KHIMII 56(6), 1490-1493 (1982)

331. KOIFMAN, OI; NIKITINA, GE; BEREZIN, BD.

THERMODYNAMICS OF DISSOLVING THE MESO-TETRAPHENYLPORPHIN AND ITS DERIVATIVES IN A BINARY-SOLUTION (ETHANOL-BENZENE)

ZHURNAL FIZICHESKOI KHIMII 56(3), 737-739 (1982)

332. BEREZIN, BD; GOLUBCHIKOV, OA; KLOPOVA, LV; SVIRIDOV, AV.

KINETICS OF A TETRAPHENYLPORPHIN COMPLEXING WITH COBALT AND ZINC ACETATES IN MIXED ORGANIC-SOLVENTS

ZHURNAL FIZICHESKOI KHIMII 56(7), 1639-1643 (1982)

333. BEREZIN, BD; KHELEVINA, OG; GERASIMOVA, ND; STUZHIN, PA.

KINETIC REGULARITIES OF THE FORMATION OF OCTAPHENYLTETRAZAPORPHINE COMPLEXES IN PYRIDINE

SOLUTIONS

ZHURNAL FIZICHESKOI KHIMII 56(11), 2768-2772 (1982)

334. ZVEZDINA, VV; VINOGRADOVA, EA; BOCHIN, VP; BEREZIN, BD; GOLUBCHIKOV, OA.
STUDY OF THERMAL-PROPERTIES OF COBALTDIHYDRODIBENZOTETRAAZAANNULENE
ZHURNAL NEORGANICHESKOI KHIMII 27(11), 2818-2822 (1982)
335. GOLUBCHIKOV, OA; BEREZIN, BD; KAZAKOVA, IM; BEREZIN, MB.
KINETICS AND MECHANISM OF FE(III)-TETRAPHENYLPORPHIN MU-OXODIMER DISSOCIATION
ZHURNAL OBSHCHEI KHIMII 52(1), 83-90 (1982)
336. AKOPOV, AS; BYKOVA, VV; BEREZIN, BD; SHLYAPOVA, AN.
KINETIC STABILITY OF TETRA-2,3-PYRIDINEPORPHYRAZINE COMPLEXES IN PROTON-DONOR MEDIA
ZHURNAL OBSHCHEI KHIMII 52(11), 2611-2617 (1982)
337. BEREZIN, BD; ANDRIANOV, VG.
14TH ALL-UNION TSCHUGAEFF CONFERENCE ON THE CHEMISTRY OF COMPLEX-COMPOUNDS
ZHURNAL NEORGANICHESKOI KHIMII 27(9), 2444-2445 (1982)
338. BEREZIN, BD; POTAPOVA, TI; BOLDYREVA, TG.
FORMATION KINETICS OF THE TETRABENZOPORPHIN NI-COMPLEX IN PYRIDINE
ZHURNAL FIZICHESKOI KHIMII 56(6), 1431-1434 (1982)
339. LOMOVA TN; BEREZIN, BD; OPARIN, LV; ZVEZDINA, VV.
SYNTHESIS AND STABILITY OF COMPLEXES OF TETRAPHENYLPORPHIN WITH HIGHLY-CHARGED IONS OF METALS OF THE 1ST TRANSITION SERIES
ZHURNAL NEORGANICHESKOI KHIMII 27(3), 683-688 (1982)
340. MELNIKOV, BN; BEREZIN, BD; KALINNIKOV, YA.
THE EFFECT OF STATE OF DISPERSED DYES IN SOLUTION ON POLYMERIC MATERIAL COLORATION
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(5), 623-626 (1981)
341. SHEININ, VB; ANDRIANOV, VG; BEREZIN, BD.
THERMODYNAMICS OF PROTONATION OF FREE MESO-TETRAPHENYLPORPHINE LIGAND BY PERCHLORIC-ACID IN DIMETHYLSULFOXIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(1), 47-50 (1981)
342. BEREZIN, BD; BOCHIN, VP; OPARIN, LV; SHCHEDRINA, MV; MARKESHIN, AV; ALEKSANOVA, NM; GOLUBCHIKOV, OA.
CATALYTIC PROPERTIES OF METALLOPORPHYRINS IN ELECTROCHEMICAL OXIDATION REACTION OF SULFUR-DIOXIDE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(4), 449-452 (1981)
343. SEMEIKIN, AS; KOIFMAN, OI; BEREZIN, BD.
APPLICATION OF DIAZOTIZATION FOR THE SYNTHESIS OF PHENYL-SUBSTITUTED PORPHYRINS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(5), 566-569 (1981)
344. KHELEVINA, OG; BEREZIN, BD; OLEMSKAYA, LV.
STABILITY OF NICKEL-COMPLEX OF OCTAPHENYLTETRAAZAPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(8), 949-953 (1981)
345. BEREZIN, BD; POTAPOVA, TI; PLATONOVA, MV.
SYNTHESIS AND PROPERTIES OF SULFONIC-ACIDS OF TETRABENZOPORPHINE
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNLOGIYA 24(2), 160-164 (1981)
346. BEREZIN, BD; KHELEVINA, OG; BATOV, D.
INFLUENCE OF THE NATURE OF A PROTON-DONOR MEDIUM ON THE STABILITY AND MECHANISM OF

PROTOLYTIC DISSOCIATION OF OCTAPHENYLTETRAAZAPORPHINE MAGNESIUM COMPLEX
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 24(10), 1222-1226
(1981)

347. KOZLOV, VA; POPKOVA, IA; BEREZIN, BD.
RULES FOR SOLUBILITY OF SULFONIC-ACID HYDRATES IN WATER-ACID SYSTEMS
ZHURNAL FIZICHESKOI KHIMII 55(6), 1475-1480 (1981)
348. KOZLOV, VA; BEREZIN, BD; POPKOVA, IA.
ESTIMATION OF PKA VALUE OF AROMATIC SULFONIC-ACIDS
ZHURNAL FIZICHESKOI KHIMII 55(6), 1481-1486 (1981)
349. KOROLEVA, TA; KOIFMAN, OI; BEREZIN, BD.
USE OF INFRARED-SPECTROSCOPY METHOD FOR THE STUDIES OF PORPHYRINS AND METALLOPORPHYRINS
OF THE PROTOPORPHYRIN GROUP
ZHURNAL FIZICHESKOI KHIMII 55(8), 2007-2012 (1981)
350. BEREZIN, BD; LOMOVA, TN.
SPECTRA AND STABILITY OF TETRAPHENYLPORPHIN COMPLEXES WITH ZIRCONIUM AND NIOBIUM
ZHURNAL NEORGANICHESKOI KHIMII 26(2), 379-385 (1981)
351. BEREZIN, BD; VOLKOVA, NI.
FORMATION KINETICS OF DIMETHYL ETHER OF COBALT(II) PROTOPORPHYRIN IN THE PRESENCE OF
BIOLOGICALLY-ACTIVE COMPOUNDS
ZHURNAL NEORGANICHESKOI KHIMII 26(10), 2753-2757 (1981)
352. ZVEZDINA, VV; OPARIN, LV; VINOGRADOVA, EA; BOCHIN, VP; BEREZIN, BD; GOLUBCHIKOV, OA.
THERMAL-STABILITY OF SOME METAL-LOPORPHYRINS AND THEIR ANALOGS
ZHURNAL NEORGANICHESKOI KHIMII 26(9), 2448-2453 (1981)
353. AKOPOV, AS; BYKOVA, VV; BEREZIN, BD.
KINETIC SCHEME FOR THE PORPHYRAZINE RING DESTRUCTION IN PROTON-DONOR MEDIA
ZHURNAL ORGANICHESKOI KHIMII 17(5), 1027-1033 (1981)
354. SHEININ, VB; ANDRIANOV, VG; BEREZIN, BD.
ACID-BASE IONIZATION OF DEUTEROPORPHYRIN DIMETHYL ESTER IN METHANOL
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 24(8), 964-969
(1981)
355. BEREZIN, BD.
4TH ALL-UNION-CONFERENCE ON SYNTHESIS AND STUDY OF INORGANIC-COMPOUNDS IN NON-AQUEOUS
MEDIA
ZHURNAL NEORGANICHESKOI KHIMII 26(2), 556-557 (1981)
356. POTAPOVA, TI; PETROVA, RA; KALENKOVA, LI; KHARITONOV, SV; BEREZIN, BD.
INFLUENCE OF SUBSTITUTED ALKYLAMINOMETHYL GROUP ON THE FORMATION AND DISSOCIATION RATE OF
ZINC COMPLEX OF TETRABENZOPORPHYRIN
ZHURNAL FIZICHESKOI KHIMII 55(1), 116-119 (1981)
357. KARAVAEVA, E.B.; BEREZIN, B.D.; POTAPOVA, T.I..
INFLUENCE OF BENZENE-RING ADDITION AND THE SOLVENT ON THE ELECTRONIC ABSORPTION SPECTRA OF
PORPHYRIN COMPLEXES
JOURNAL OF APPLIED SPECTROSCOPY 32(3), 295 (1981)
358. BEREZIN, BD; BARVINSKAYA, IK; SHAROVA, LI.
SYNTHESIS OF TETRABENZOPORPHINE MONONITRODERIVATIVE AND ITS SPECTRAL CHARACTERISTICS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 23(2), 161-165
(1980)
359. KALINNIKOV, YA; MELNIKOV, BN; BEREZIN, BD.
STATE OF DISPERSED DYES IN BINARY SOLVENTS

360. BEREZIN, BD; KOIFMAN, OI.
FORMATION, STRUCTURE AND PROPERTIES OF EXTRACOMPLEX PORPHYRINS
USPEKHI KHIMII 49(12), 2389-2417 (1980)
361. BEREZIN, BD; KOIFMAN, OI; NIKITINA, GE.
SOLUBILITY OF PORPHYRINS OF PROTOPORPHYRIN GROUP IN ETHANOL
ZHURNAL FIZICHESKOI KHIMII 54(10), 2481-2484 (1980)
362. BEREZIN, BD; GOLUBCHIKOV, OA; KLOPOVA, LV; ANDRIANOV, VG; SHEININ, VB.
STATE OF TETRASULFOPHENYLPORPHINE IN ACID-AQUEOUS AND ALCOHOL-AQUEOUS SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 54(8), 2040-2044 (1980)
363. BEREZIN, BD; TSVETKOV, GA; SHORMANOVA, LP.
INFLUENCE OF THE LIGAND STRUCTURE ON KINETIC STABILITY OF TETRAPHENYLPORPHYRIN COMPLEXES OF
ZINC AND CADMIUM
ZHURNAL NEORGANICHESKOI KHIMII 25(10), 2645-2652 (1980)
364. GOLUBCHIKOV, OA; BEREZIN, BD; KUVSHINOVA, EM.
KINETICS OF FORMATION OF METAL PORPHYRINS IN ALCOHOLS
KINETICS AND CATALYSIS 21(5), 803-808 (1980)
365. BEREZIN, BD; BARVINSKAYA, IK; SHAROVA, LI.
COORDINATIONS ABILITY OF MONONITROTETRABENZOPORPHINE IN THE REACTIONS WITH METAL-SALTS
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA 23(3), 285-287
(1980)
366. BEREZIN, BD; SHORMANOVA, LP; TSVETKOV, GA.
FACTORS, DETERMINING THE STABILITY OF COPPER-COMPLEXES WITH PARA-SUBSTITUTED
TETRAPHENYLPORPHINE
ZHURNAL FIZICHESKOI KHIMII 53(11), 2716 (1979)
367. BEREZIN, BD; KHELEVINA, OG.
KINETIC STABILITY OF ZINC COMPLEX OF OCTAPHENYLTETRAAZAPORPHINE
ZHURNAL FIZICHESKOI KHIMII 53(8), 2019 (1979)
368. LOMOVA, TN; BEREZIN, BD.
STABILITY OF ALPHA-TETRAPHENYLPORPHINE, BETA-TETRAPHENYLPORPHINE, GAMMA-
TETRAPHENYLPORPHINE AND DELTA-TETRAPHENYLPORPHINE COMPLEXES WITH MAGNESIUM(III),
ALUMINUM(III) AND TIN(IV)
ZHURNAL NEORGANICHESKOI KHIMII 24(6), 1574 (1979)
369. BEREZIN, BD; KOIFMAN, OI; KOROLEVA, TA; USHAKOVA, LV.
INFLUENCE OF DEGREE OF FILLING OF CATION D-ORBITALS ON THE FORMATION KINETICS OF COMPLEXES
WITH SYNTHETIC PORPHYRINS IN ETHANOL
ZHURNAL FIZICHESKOI KHIMII 53(4), 840 (1979)
370. BEREZIN, BD; VOLKOVA, NI.
CHARACTERISTICS OF THE FORMATION KINETICS OF COMPLEXES BETWEEN COBALT AND PROTOPORPHYRIN
SALTS
ZHURNAL NEORGANICHESKOI KHIMII 24(8), 2162 (1979)
371. DROBYSHEVA, AN; BEREZIN, BD.
METAL ANALOGS OF HEMIN WITH COPPER AND NICKEL IN PROTON-DONOR MEDIA
ZHURNAL FIZICHESKOI KHIMII 52(7), 1755 (1978)
372. KOIFMAN, OI; BEREZIN, BD; ZELOV, VV; NIKITINA, GE.
THERMODYNAMICS OF TETRAPHENYLPORPHINE DISSOLUTION IN SOLVENTS OF CYCLIC STRUCTURE AND
KETONES
ZHURNAL FIZICHESKOI KHIMII 52(7), 1782 (1978)

373. BEREZIN, BD; POTAPOVA, TI; KARAVAEVA, EB.
DISSOCIATION OF MG,ZN AND CO COMPLEXES WITH TETRABENZOPORPHYRIN IN DIMETHYL SULFOXIDE
H₂SO₄ MIXTURES
ZHURNAL FIZICHESKOI KHIMII 52(9), 2198 (1978)
374. BEREZIN, BD; KOIFMAN, OI; ZELOV, VV; NIKITINA, GE.
THERMODYNAMICS OF TETRAPHENYLPORPHYRIN DISSOLUTION IN ALCOHOLS
ZHURNAL FIZICHESKOI KHIMII 52(9), 2214 (1978)
375. KARMANOVA, LP; DROBYSHEVA, AN; BEREZIN, BD.
PROTOLYTIC DISSOCIATION OF HEMIN METALLO-ANALOGS
ZHURNAL FIZICHESKOI KHIMII 51(3), 629 (1977)
376. VOLKOVA, NI; BEREZIN, BD.
CHARACTERISTICS OF FORMATION KINETICS OF CHLOROPHYLLIC ACID COMPLEXES IN SOLVENTS, HAVING
SULFUR AND PHOSPHORUS
ZHURNAL NEORGANICHESKOI KHIMII 22(12), 3280 (1977)
377. BEREZIN, BD; KLOPOVA, LV.
EFFECT OF BINARY SOLVENT COMPOSITION OF DIOXANE ACETIC ACID ON FORMATION KINETICS OF COPPER
COMPLEX OF CHLOROPHYLLIC ACID
ZHURNAL FIZICHESKOI KHIMII 51(7), 1712 (1977)
378. BEREZIN, BD; KLOPOVA, LV.
FORMATION OF COPPER ANALOG OF CHLOROPHYLL IN MIXED-SOLVENTS FROM PYRIDINE
ZHURNAL FIZICHESKOI KHIMII 51(9), 2157 (1977)
379. BEREZIN, BD; VOLKOVA, NI; KARAVAEVA, EB.
CATALYTIC EFFECT OF IMIDAZOLE IN FORMATION OF COBALT ANALOG OF CHLOROPHYLL
ZHURNAL NEORGANICHESKOI KHIMII 22(2), 405 (1977)
380. BEREZIN, BD; POTAPOVA, TI; KARAVAEVA, EB.
KINETIC STABILITY OF MAGNESIUM COMPLEX OF TETRABENZOPORPHINE IN PROTON-DONOR MEDIA
ZHURNAL NEORGANICHESKOI KHIMII 22(11), 3004 (1977)
381. DROBYSHEVA, AN; BEREZIN, BD.
STABILITY OF COPPER AND ZINC-COMPLEXES WITH MESOPORPHYRIN
ZHURNAL FIZICHESKOI KHIMII 51(1), 21 (1977)
382. DROBYSHEVA, AN; KARMANOVA, LP; BEREZIN, BD.
STABILITY OF MG, ZN AND CD COMPLEXES WITH MESOPORPHYRIN IN TERT-BUTYL ALCOHOL
TRICHLOROACETIC ACID-MEDIUM
ZHURNAL FIZICHESKOI KHIMII 51(6), 1344 (1977)
383. GOLUBCHIKOV, OA; KOIFMAN, OI; BEREZIN, BD.
EFFECT OF COMPOSITION OF BINARY ETHANOL-BENZENE SOLVENT ON FORMATION KINETICS OF COPPER
AND CADMIUM COMPLEXES WITH ETIOPORPHYRIN
ZHURNAL NEORGANICHESKOI KHIMII 21(7), 1948 (1976)
384. GOLUBCHIKOV, OA; KOIFMAN, OI; BEREZIN, BD.
FACTORS, DETERMINING CONCENTRATION-DEPENDENCE OF FORMATION RATE CONSTANTS OF
METALLOPORPHYRINS
ZHURNAL FIZICHESKOI KHIMII 50(6), 1469 (1976)
385. BEREZIN, BD; DROBYSHEVA, AN; KARMANOVA, LP.
KINETICS AND MECHANISM OF DISSOCIATION OF CHLOROPHYLL AND ITS METAL ANALOGS IN PROTON-
DONOR MEDIA
ZHURNAL FIZICHESKOI KHIMII 50(5), 1194 (1976)
386. BEREZIN, BD; LAPSHINA, OB.
EFFECT OF ORGANIC-SOLVENTS ON KINETICS OF OPENING OF CYCLOPENTANONE RING OF CHLOROPHYLLIC

ACID A

ZHURNAL FIZICHESKOI KHIMII 50(8), 2007 (1976)

387. VOLKOVA, NI; KARAVAEVA, EB; BEREZIN, BD.

EFFECT OF UREA, THIOUREA AND SALICYLIC-ACID ON FORMATION KINETICS OF COBALT(II) COMPLEX WITH CHLOROPHYLLIC ACID

ZHURNAL NEORGANICHESKOI KHIMII 20(7), 1929 (1975)

388. RADYUSHKINA, KA; LEVINA, OA; TARASEVICH, MR; BURSHTEIN, RK; BEREZIN, BD; SHORMANOVA, LP; KOIFMAN, OI.

REDUCTION OF OXYGEN ON POROUS CARBON ELECTRODES ACTIVATED BY METAL PHTHALOCYANINES
SOVIET ELECTROCHEMISTRY 11(6), 916 (1975)

389. AKOPOV, AS; BEREZIN, BD; KLYUEV, VN; MOROZOVA, GG.

THERMO-OXIDIZING DESTRUCTION OF METAL PHTHALOCYANINES IN AIR
ZHURNAL NEORGANICHESKOI KHIMII 20(5), 1264 (1975)

390. BEREZIN, BD; AKOPOV, AS; LAPSHINA, OB.

PHYSICOCHEMICAL PROPERTIES OF POLYMERIC SILICON PHTHALOCYANINES
VYSOKOMOLEKULYARNYE SOEDINENIYA SERIYA A 16(2), 450 (1974)

391. BEREZIN, BD; AKOPOV, AS.

ABSORPTION-SPECTRA AND KINETIC STABILITY OF POLYMERIC GERMANIUM PHTHALOCYANINE
VYSOKOMOLEKULYARNYE SOEDINENIYA SERIYA A 16(10), 2334 (1974)

392. BEREZIN, BD; LAPSHINA, OB.

SPECTROSCOPY OF KINETICS OF CYCLOPENTANONE RING-OPENING OF CHLOROPHYLLIC ACID ALPHA AND ITS DERIVATIVES

ZHURNAL FIZICHESKOI KHIMII 48(2), 303 (1974)

393. BEREZIN, BD; KLOPOVA, LV.

FORMATION KINETICS OF CHLOROPHYLLIC ACID COMPLEXES IN MIXED SOLVENTS AS ALCOHOLS GLACIAL ACETIC-ACID

ZHURNAL FIZICHESKOI KHIMII 48(2), 312 (1974)

394. BEREZIN, BD; DROBYSHEVA, AN.

KINETIC STABILITY OF HEMIN IN PROTON-DONOR MEDIA
ZHURNAL FIZICHESKOI KHIMII 48(11), 2742 (1974)

395. BEREZIN, BD; GOLUBCHIKOV, OA; KOIFMAN, OI.

EFFECT OF NONPOLAR ADDITIONS ON FORMATION KINETICS OF METALLOPORPHYRINS IN ETHANOL
ZHURNAL FIZICHESKOI KHIMII 48(12), 2913 (1974)

396. BEREZIN, BD; KLOPOVA, LV.

FORMATION KINETICS OF CHLOROPHYLLIC ACID COMPLEXES IN PYRIDINE-ACETIC ACID BINARY SOLVENT
ZHURNAL FIZICHESKOI KHIMII 48(12), 2917 (1974)

397. BEREZIN, BD; MELNIKOV, BN; SHKROBYSHEVA, VI.

THERMODYNAMICS OF DISSOLUTION OF DISPERSED DYES IN ORGANIC-SOLVENTS
ZHURNAL FIZICHESKOI KHIMII 48(12), 2938 (1974)

398. BEREZIN, BD; SHORMANOVA, LP; FELDMAN, RI.

MECHANISM OF COPPER PHTHALOCYANINE FORMATION FROM A FREE PHTHALOCYANINE IN HETEROGENEOUS CONDITIONS

ZHURNAL NEORGANICHESKOI KHIMII 19(7), 1833 (1974)

399. BEREZIN, BD; SHORMANOV, LP; KLYUEV, VN; KORZHENEVSKY, AB.

METALLIZATION OF PHTHALOCYANINE BY SALTS IN HETEROGENEOUS CONDITIONS
ZHURNAL NEORGANICHESKOI KHIMII 19(10), 2745 (1974)

400. BEREZIN, BD; VOLKOVA, NI; KARAVAEVA, EB.

EFFECT OF SOLVATION ON FORMATION MECHANISM OF COMPLEXES WITH CHLOROPHYLLIC ACID IN ACETONE
ZHURNAL NEORGANICHESKOI KHIMII 19(11), 3053 (1974)

401. BEREZIN, BD; AKOPOV, AS.
ELECTRON ABSORPTION-SPECTRA AND KINETIC STABILITY OF GERMANIUM (IV) PHTHALOCYANINES
ZHURNAL OBSHCHEI KHIMII 44(5), 1089 (1974)
402. DROBYSHEVA, AN; BEREZIN, BD.
STABILITY OF ZN²⁺-COMPLEX OF PROTOPORPHYRIN IX DIMETHYL ESTER
ZHURNAL NEORGANICHESKOI KHIMII 19(3), 837 (1974)
403. BEREZIN, BD; KOIFMAN, OI.
FORMATION AND DISSOCIATIVE DECOMPOSITION OF CHLOROPHYLL AND ITS SYNTHETIC ANALOGS IN SOLUTIONS
USPEKHI KHIMII 42(11), 2007 (1973)
404. BEREZIN, BD; GOLUBCHIKOV, OA; KOIFMAN, OI.
EFFECT OF SOLVENTS ON KINETICS OF PORPHYRIN REACTIONS WITH METAL-SALTS
ZHURNAL FIZICHESKOI KHIMII 47(11), 2817 (1973)
405. BEREZIN, BD; VOLKOVA, NI.
EFFECT OF SALT STRUCTURE AND PROPERTIES OF SALT BACKGROUND ON FORMATION KINETICS OF COBALT COMPLEXES WITH CHLOROPHYLLIC ACID IN ALCOHOL MEDIA
ZHURNAL NEORGANICHESKOI KHIMII 18(5), 1285 (1973)
406. BEREZIN, BD; KOIFMAN, OI; DROBYSHEVA, AN; GOLUBCHIKOV, OA; MINEEVA, NG.
STABILITY OF ALPHA, BETA, GAMMA, DELTA TETRAPHENYLPORPHINE COMPLEXES
ZHURNAL NEORGANICHESKOI KHIMII 18(6), 1540 (1973)
407. BEREZIN, BD.
PROTONATION OF TETRAPYRROLE LIGANDS AND THEIR COMPLEXES
ZHURNAL OBSHCHEI KHIMII 43(12), 2738 (1973)
408. AKOPOV, AS; BEREZIN, BD; KLYUEV, VN; SOLOVEV, AA.
KINETICS OF SUBSTITUTION OF CHLORIDE-ION IN DICHLOROSILICONPHTHALOCYANINE FOR HYDROXO GROUP
ZHURNAL NEORGANICHESKOI KHIMII 18(4), 965 (1973)
409. SHORMANOVA, LP; KOIFMAN, OI; BEREZIN, BD.
SYNTHESIS AND PHYSICOCHEMICAL PROPERTIES OF POLYMERIC IRON PHTHALOCYANINE
VYSOKOMOLEKULYARNYE SOEDINENIYA SERIYA B 15(12), 910 (1973)
410. BEREZIN, BD; KOIFMAN, OI.
EFFECT OF WEAK ELECTRON-DONOR SUBSTITUTES ON KINETICS OF PORPHYRIN-COMPLEX FORMATIONS
ZHURNAL FIZICHESKOI KHIMII 46(1), 42 (1972)
411. BEREZIN, BD; KLOPOV, LV.
MECHANISM OF FORMATION OF ZINC COMPLEX OF PHEOPHYTIN IN ETHANOLACETIC MEDIA
ZHURNAL FIZICHESKOI KHIMII 46(9), 2258 (1972)
412. BEREZIN, BD; KOIFMAN, OI.
REACTIVITY OF ALPHA BETA, GAMMA, DELTA TETRAPHENYLPORPHINE IN REACTIONS WITH METAL-SALTS
ZHURNAL OBSHCHEI KHIMII 42(3), 699 (1972)
413. BEREZIN, BD; KOIFMAN, OI.
EFFECTS OF WEAK ELECTRON-DONATING SUBSTITUENTS ON KINETICS OF FORMATION OF PORPHYRIN COMPLEXES
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 46(1), 24 (1972)
414. DROBYSHEVA, AN; BEREZIN, BD.
STABILITY OF CHLOROPHYLL(B) METAL ANALOGS
ZHURNAL NEORGANICHESKOI KHIMII 17(9), 2468 (1972)
415. AKOPOV, AS; BEREZIN, BD; SOLOVEV, AA; KLYUEV, VN.
SILICON COMPLEXES WITH PHTHALOCYANINE
ZHURNAL NEORGANICHESKOI KHIMII 17(4), 981 (1972)

416. BEREZIN, BD; KOIFMAN, OI.
KINETICS OF FORMATION OF COPPER AND ZINC COMPLEXES OF DIMETHYL ESTERS OF MESOPORPHYRIN AND PROTO-PORPHYRIN IN ETHANOL
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 45(6), 820 (1971)
417. BEREZIN, BD; KLOPOVA, LV.
FORMATION OF COPPER PHAEOPHYTINATE IN ETHANOL-ACETIC ACID-MEDIA
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 45(7), 949 (1971)
418. BEREZIN, BD; KLOPOVA, LV.
KINETICS OF FORMATION OF COMPLEXES OF CHLOROPHYLLIC ACID IN ETHANOLIC ACETIC-ACID
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 45(9), 1242 (1971)
419. BEREZIN, BD; KLOPOVA, LV; DROBYSHEVA, AN.
THERMODYNAMIC STRENGTH OF ZINC AND CADMIUM PHEOPHYTINATES STUDIED BY KINETIC METHOD
ZHURNAL NEORGANICHESKOI KHIMII 16(8), 2053 (1971)
420. BEREZIN, BD; VOLKOVA, NI.
EFFECT OF COORDINATION AND SALT PHON ON COBALT PHEOPHYTINATE FORMATION KINETICS IN METHANOL
ZHURNAL NEORGANICHESKOI KHIMII 16(11), 3037 (1971)
421. DROBYSHEVA, AN; BEREZIN, BD.
KINETIC STABILITY OF SILVER PHEOPHYTINATE
ZHURNAL NEORGANICHESKOI KHIMII 16(3), 622 (1971)
422. BEREZIN, BD; KOIFMAN, OI.
EFFECT OF SUBSTITUENTS ON REACTIVITY OF PHAEOPHYTIN IN REACTIONS WITH METAL SALTS IN ETHANOL
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 44(5), 677 (1970)
423. BEREZIN, BD; DROBYSHEVA, AN.
KINETIC STABILITY OF CHLOROPHYLL AND ITS LABILE METAL-ANALOGUES
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 44(11), 1597 (1970)
424. BEREZIN, BD.
ROLE OF ACID-BASE REACTION DURING METALLOPORPHYRIN FORMATION AND DISSOCIATION IN NON-AQUEOUS SOLUTIONS
ZHURNAL NEORGANICHESKOI KHIMII 15(8), 2093 (1970)
425. SHORMANOVA, LP; BEREZIN, BD.
OXIDATIVE DEGRADATION OF POLYMERIC PHTALOCYANINE AND ITS COMPLEXES
VYSOKOMOLEKULYARNYE SOEDINENIYA SECTION A 12(3), 692 (1970)
426. KOIFMAN, OI; BEREZIN, BD.
REACTIVITY OF PORPHINE AND PORPHYRIN IN REACTIONS WITH METAL SALTS
ZHURNAL OBSHCHEI KHIMII 40(12), 2701 (1970)
427. VOLKOVA, NI; BEREZIN, BD.
EFFECT OF COORDINATION SPHERE STRUCTURE OF SALT ON FORMATION KINETICS OF MERCURY(III) COMPLEXES WITH PHEOPHYTIN
ZHURNAL NEORGANICHESKOI KHIMII 15(4), 961 (1970)
428. BEREZIN, BD; SHORMANOVA, LP.
KINETIC STABILITY OF COMPLEX COMPOUNDS OF POLYMERIC PHTALOCYANIN
VYSOKOMOLEKULYARNYE SOEDINENIYA SECTION A 11(5), 1033 (1969)
429. SMIRNOVA, GI; BEREZIN, BD.
FORMATION OF METAL PHAEOPHYTINATES IN MEDIA WHICH DISPLACE KETO-ENOL EQUILIBRIUM
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 43(3), 360 (1969)
430. BEREZIN, BD; SMIRNOVA, GI.
KINETICS OF FORMATION OF METAL PHAEOPHYTINATES IN SOME OXYGEN-CONTAINING SOLVENTS
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR 42(8), 1026 (1968)

431. BEREZIN, BD; SMIRNOVA, GI.
FORMATION OF METAL PHAEOPHYTINATES IN SOLUTION .I. KINETICS OF PHAEOPHYTINATE FORMATION IN GLACIAL ACETIC ACID
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY,USSR 41(6), 702 (1967)
432. BEREZIN, BD; SMIRNOVA, GI.
KINETICS OF FORMATION OF METAL PHAEOPHYTINATES IN ALCOHOLIC MEDIA
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY,USSR 41(8), 1072 (1967)
433. BEREZIN, BD; SMIRNOVA, GI.
KINETICS OF FORMATION OF METAL PHAEOPHYTINATES IN NITROGEN-CONTAINING SOLVENTS
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY,USSR 41(9), 1271 (1967)
434. BEREZIN, BD; DROBYSHEVA, AN.
DISSOCIATION OF ZINC PHAEOPHYTINATE IN ACID MEDIA
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY,USSR 41(2), 199 (1967)
435. BEREZIN, BD; DROBYSHEVA, AN.
DISSOCIATION OF COPPER PHAEOPHYTINATE
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY,USSR 40(3), 386 (1966)
436. BEREZIN, BD; SENNIKOVA, GV.
NEW COMPLEX COMPOUNDS OF PHTHALOCYANIN WITH RUTHENIUM + IRIIDIUM
DOKLADY AKADEMII NAUK SSSR 159(1), 117 (1964)
437. BEREZIN, BD.
MECHANISM OF DISSOCIATION OF METALPHTHALOCYANINES
ZHURNAL FIZICHESKOI KHIMII 38(4), 850 (1964)
438. BEREZIN, BD.
INTERRELATION BETWEEN THE STABILITY AND KINETIC CHARACTERISTICS OF PHTHALOCYANINE COMPLEXES
ZHURNAL FIZICHESKOI KHIMII 38(12), 2957 (1964)
439. BEREZIN, BD; SOSNIKOVA, NI.
KINETICS OF THE FORMATION OF METAL PHEOPHYTINATES, ANALOGS OF CHLOROPHYLL .1. THE PHEOPHYTIN-A-COPPER ACETATE SYSTEM
ZHURNAL FIZICHESKOI KHIMII 38(5), 1216 (1964)
440. BEREZIN, BD.
SYNTHESIS AND PROPERTIES OF RHODIUM PHTHALOCYANINE
DOKLADY AKADEMII NAUK SSSR 150(5), 1039 (1963)
441. BEREZIN, BD.
DISSOCIATION KINETICS OF STABLE PHTHALOCYANINES IN SULFURIC ACID SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 37(11), 2474 (1963)
442. BEREZIN, BD; SOSNIKOVA, NI.
SYNTHESIS AND PROPERTIES OF OSMIUM PHTHALOCYANIN
DOKLADY AKADEMII NAUK SSSR 146(3), 604 (1962)
443. BEREZIN, BD.
STUDIES OF METAL PHTHALOCYANINES IN SOLUTION .6. EFFECT OF THE CENTRAL ION SPECIES ON THE STABILITY OF THE PHTHALOCYANINE MACRO-RING IN SULFURIC ACID SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 36(3), 494 (1962)
444. BEREZIN, BD.
TERMODINAMICHESKIE KHARAKTERISTIKI FTALOTSIANINOV V SERNOKISLYKH RASTVORAKH
ZHURNAL NEORGANICHESKOI KHIMII 7(11), 2507 (1962)
445. BEREZIN, BD.
O NEKOTORYKH SVOISTVAKH FTALOTSIANINOV PLATINY I PALLADIYA
ZHURNAL NEORGANICHESKOI KHIMII 7(11), 2501 (1962)

446. BEREZIN, BD.

ISSLEDOVANIE STABILNOSTI FTALOTSIANINOV METALLOV V RASTVORE
ZHURNAL NEORGANICHESKOI KHIMII 6(12), 2672 (1961)

447. BEREZIN, BD.

METHODS OF STUDYING STABILITY OF COMPLEX PHTHALOCYANIN COMPOUNDS
DOKLADY AKADEMII NAUK SSSR 141(2), 353 (1961)

448. BEREZIN, BD.

A STUDY OF METAL PHTHALOCYANINES IN SOLUTION .5. STABILITY OF THE FREE PHTHALOCYANINE IN
SULFURIC ACID SOLUTIONS
ZHURNAL FIZICHESKOI KHIMII 35(11), 2494 (1961)