Đ•Đ»ĐµĐ½Đ° ĐĐ½Ñ‚Đ¸Đ½Đ°

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8042774/publications.pdf

Version: 2024-02-01

106 papers	929 citations	586496 16 h-index	759306 22 g-index
106 all docs	106 docs citations	106 times ranked	462 citing authors

#	Article	IF	Citations
1	Influence of structural factors and the properties of the medium on the fluorescence of Zn(II) bis(dipyrrinate)s. Journal of Luminescence, 2016, 170, 275-281.	1.5	8
2	Synthesis and luminescent properties of zinc(II) complexes with iodo- and bromosubstituted 2,2â€²-dipyrrines. Journal of Luminescence, 2016, 170, 248-254.	1.5	13
3	Influence of structural factors on the thermal stability of zinc(II) and boron(III) complexes with iodo- and bromosubstituted 2,2â€²-dipyrrines. Thermochimica Acta, 2015, 614, 9-15.	1.2	3
4	Theoretical studies on the electronic structure and spectroscopic properties of zinc(II) bis(dipyrrinate)s. Computational and Theoretical Chemistry, 2015, 1054, 88-92.	1.1	14
5	Photonics of zinc(II) and boron(III) chelates with methyl- and phenyl-substituted dipyrromethenes and azadipyrromethenes. High Energy Chemistry, 2015, 49, 16-23.	0.2	18
6	Effect of alkyl substitution in 3,3â€²-Bis(dipyrrin) on chemosensor activity of fluorescent detection of Zn2+ cations. Russian Journal of Organic Chemistry, 2015, 51, 1155-1161.	0.3	8
7	Influence of Solvation and Structural Contributions on Fluorescence of Dipyrrine Dyes. Journal of Fluorescence, 2015, 25, 1875-1885.	1.3	4
8	New luminophors based on the binuclear helicates of d-METALS with BIS(DIPYRRIN)S. Dyes and Pigments, 2015, 113, 664-674.	2.0	40
9	Synthesis, spectral-luminescent properties of B(III) and Zn(II) complexes with alkyl- and aryl-substituted dipyrrins and azadipyrrins. Russian Journal of Inorganic Chemistry, 2014, 59, 1187-1194.	0.3	21
10	Lasing characteristics of difluoroborates of 2,2'-dipyrromethene derivatives in solid matrices. Quantum Electronics, 2014, 44, 206-212.	0.3	14
11	Crystal structure and spectral luminescent properties of monoiodo-substituted borofluoride complex with dipyrrolylmethene. Journal of Structural Chemistry, 2014, 55, 1091-1096.	0.3	2
12	The High Sensitive and Selective â€œOff-Onâ€•Fluorescent Zn2+ Sensor Based on the Bis(2,4,7,8,9-pentamethyldipyrrolylmethene-3-yl)methane. Journal of Fluorescence, 2014, 24, 13-17.	1.3	21
13	Synthesis, structure and optical properties of a CoII complex with bis(2,4,7,8,9-pentamethyldipyrrolylmethen-3-yl)methane. Mendeleev Communications, 2014, 24, 61-63.	0.6	4
14	Kinetic model and mechanism of the acid dissociation of d-metal bis(dipyrrolylmethenates). Kinetics and Catalysis, 2014, 55, 391-400.	0.3	2
15	Molecular structure of bis(dipyrrolylmethanates) of d-metals according to the quantum chemical calculations by the PM6 method. Journal of Structural Chemistry, 2014, 55, 418-423.	0.3	10
16	The Interaction of BODIPY with bovine serum albumin and its bilirubin complex. Biophysics (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	11
17	Comparative analysis of physicochemical properties of dinuclear zinc(II) helicates with 2,2â€²-, 2,3â€²-, and 3,3â€²-bis(dipyrromethenes). Russian Journal of Inorganic Chemistry, 2014, 59, 578-586.	0.3	18
18	Preparation and surface properties of mesoporous silica particles modified with poly(N-vinyl-2-pyrrolidone) as a potential adsorbent for bilirubin removal. Materials Chemistry and Physics, 2014, 147, 673-683.	2.0	24

#	Article	IF	Citations
19	Novel quenchometric oxygen sensing material based on diiodine-substituted boron dipyrromethene dye. Sensors and Actuators B: Chemical, 2014, 197, 206-210.	4.0	27
20	Composition and thermal stability of bis (dipyrrolylmethenato)zinc(II) crystal solvates with N,N -dimethylformamide. Thermochimica Acta, 2014, 589, 31-36.	1.2	14
21	Serum albumin and its bilirubin complex as drug-carrier proteins for water-soluble porphyrin: a spectroscopic study. Monatshefte FÃ¼r Chemie, 2013, 144, 1743-1749.	0.9	13
22	Kinetic resistance of borofluoride complexes of dipyrrolylmethenes to acids. Russian Journal of Inorganic Chemistry, 2013, 58, 596-601.	0.3	7
23	meso-spacer influence on properties of zinc(II) complexes with 2,3â€²- and 3,3â€²-bis(dipyrrolylmethenes). Russian Journal of General Chemistry, 2013, 83, 1143-1150.	0.3	13
24	Coordination reactions of 3,3â€²-bis(dipyrrolylmethene) with Co(II), Cu(II), and Zn(II) acetylacetonates, valinates, and dipyrrolylmethenates. Russian Journal of General Chemistry, 2013, 83, 731-737.	0.3	1
25	Thermal oxidative degradation of the functionally substituted 2,2â€²-dipyrrolylmethenes hydrobromides and difluoroborates. Russian Journal of General Chemistry, 2013, 83, 545-551.	0.3	28
26	Synthesis, spectral properties and stability towards protolytic dissociation of the palladium(II) complexes with dipyrrolylmethene and its bis-derivatives. Russian Journal of General Chemistry, 2013, 83, 552-557.	0.3	1
27	Spectral and photophysical properties, photo and heat resistance of dipyrrolylmethene borofluoride complex and its hybrid material with polymethylmethacrylate. Russian Journal of General Chemistry, 2013, 83, 381-385.	0.3	9
28	The influence of ms-substitution on the properties of 3,3â€²-bis(dipyrrolylmethenes) and their coordination compounds. Russian Journal of General Chemistry, 2013, 83, 2306-2308.	0.3	2
29	Preparation, spectral and thermal properties of Co(II), Ni(II), Cu(II), Zn(II), and Cd(II) complexes with iodosubstituted 2,2â€²-dipyrrolylmethene. Russian Journal of General Chemistry, 2013, 83, 1571-1579.	0.3	14
30	New fluorescent chemosensor for Zn2+ ions on the basis of 3,3â€²-bis(dipyrrolylmethene). Russian Journal of Organic Chemistry, 2013, 49, 1734-1739.	0.3	9
31	Spectroscopic and laser characteristics of new efficient luminophores for a wide spectral range based on complexes of dipyrrolylmethene derivatives with difluorine borate. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 115, 708-716.	0.2	11
32	Preparation and spectral properties of Zn(II) complexes with aryl-substituted dipyrrolylmethene and azadipyrrolylmethene. Russian Journal of General Chemistry, 2013, 83, 1941-1943.	0.3	4
33	Protolytic dissociation of copper(II) and nickel(II) dipyrrolylmethenates in benzene solutions of acetic acid. Russian Journal of General Chemistry, 2013, 83, 1944-1948.	0.3	1
34	Spectroscopic Studies of the Supramolecular Interactions Between Uracil and 5-Hydroxy-6-Methyluracil with Bovine Serum Albumin and its Bilirubin Complex. Protein Journal, 2013, 32, 343-355.	0.7	15
35	Thermal decomposition of dinuclear double-helical 3,3â€²-bis(dipyrrinato)zinc(II) complexes in air and argon. Thermochimica Acta, 2012, 544, 54-56.	1.2	10
36	Characteristic features of formation, synthesis, and properties of binuclear zinc(II) helicates with alkyl-substituted 3,3â€²-bis(dipyrrolylmethenes). Russian Journal of Inorganic Chemistry, 2012, 57, 261-269.	0.3	21

#	Article	IF	Citations
37	Synthesis and properties of (1,2,3,7,9-pentamethyldipyrrolylmethen-8-yl)-(1,2,3,7,8-pentamethyldipyrrolylmethen-9-yl)methane and bis(1,2,3,7,9-pentamethyldipyrrolylmethen-8-yl)trifluoromethylmethane dihydrobromides. Russian Journal of General Chemistry, 2012, 82, 1287-1292.	0.3	8
38	Kinetic stability of complexes of some d-metals with 3,3â€²-bis(dipyrrolylmethene) in the binary proton-donor solvent acetic acid-benzene. Russian Journal of General Chemistry, 2012, 82, 1293-1297.	0.3	5
39	Crystal solvates of porphyrins and metalloporphyrins. Russian Journal of General Chemistry, 2012, 82, 1298-1306.	0.3	12
40	Kinetics of the dissociation of zinc(II) complexes with 3,3â€²-bis(dipyrrolylmethenes) in acetic acid-benzene binary solvent. Russian Journal of Physical Chemistry A, 2012, 86, 1639-1645.	0.1	6
41	Molecular complexation of uracil with bovine serum albumin and its complex with bilirubin studied by spectroscopic methods. Russian Chemical Bulletin, 2012, 61, 1992-1997.	0.4	1
42	The kinetics of oxidation of bilirubin and ascorbic acid in solution. Russian Journal of Physical Chemistry A, 2012, 86, 1048-1052.	0.1	3
43	Spectral, luminescent, photochemical, and laser properties of a series of boron fluoride complexes of dipyrrolylmethenes in solutions. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		
44	Relationship between the spectral properties of solutions of borofluoride complex of alkylated dipyrromethene and the physicochemical parameters of solvents. Russian Journal of Physical Chemistry A, 2012, 86, 1068-1072.	0.1	16
45	Thermodynamic characteristics of complex formation reactions between d- and f-elements and alkylated dipyrrolylmethene in dimethylformamide. Russian Journal of Physical Chemistry A, 2012, 86, 1053-1057.	0.1	1
46	Regularities of the formation of binuclear homo- and heteroleptic complexes of d metals with 3,3â€²-bis(dipyrrolylmethenes) in DMF. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2011, 37, 333-342.	0.3	24
47	Synthesis and spectral properties of the nickel(II) and mercury(II) helicates with 3,3â€²-bis(dipyrrolylmethenes). Russian Journal of General Chemistry, 2011, 81, 591-593.	0.3	8
48	Oxidative degradation of porphyrins and metalloporphyrins under polythermal conditions. Russian Journal of General Chemistry, 2011, 81, 1222-1230.	0.3	9
49	Quantum-chemical study of interaction of dipyrrolylmethenes with boron trifluoride and other lewis acids. Russian Journal of Inorganic Chemistry, 2011, 56, 749-754.	0.3	3
50	Formation kinetics of heteroligand Ni(II) complex with alkyl-substituted 2,2â€²-dipyrrolylmethenes. Russian Journal of Inorganic Chemistry, 2011, 56, 1487-1490.	0.3	0
51	Synthesis, structure and fluorescence of a zinc(ii) chelate complex with bis(2,4,7,8,9-pentamethyldipyrrolylmethen-3-yl)methane. Mendeleev Communications, 2011, 21, 168-170.	0.6	37
52	Photophysical, photochemical, and lasing properties of dipyrromethenes: active media for tunable lasers. Proceedings of SPIE, 2010, , .	0.8	0
53	Study of complexation of alkyl-substituted 2,2â€²-dipyrrolylmethene with lanthanide salts by electronic spectroscopy. Russian Journal of Inorganic Chemistry, 2010, 55, 932-936.	0.3	5
54	Synthesis, stability in solutions, and spectral and thermal properties of alkyl-substituted 3,3â€²-bis(dipyrromethene) hydrobromides. Russian Journal of Inorganic Chemistry, 2010, 55, 1172-1178.	0.3	10

#	Article	IF	Citations
55	Formation of mono- and binuclear chelates of alkyl-substituted biladiene-a,c with d-metal acetates in pyridine. Russian Journal of Inorganic Chemistry, 2010, 55, 1316-1321.	0.3	1
56	Kinetics of oxidation of bilirubin and its protein complex by hydrogen peroxide in aqueous solutions. Russian Journal of Physical Chemistry A, 2010, 84, 2061-2065.	0.1	4
57	Synthesis and optical properties of BF2-complexes of alkylated dipyrrolylmethenes (BODIPY). Russian Journal of General Chemistry, 2010, 80, 1214-1215.	0.3	3
58	Donor-acceptor complexes of linear oligopyrroles with boron trifluoride. Spectral studies and quantum-chemical simulation. Russian Journal of General Chemistry, 2010, 80, 1871-1875.	0.3	1
59	Synthesis and spectral properties of new 3,3â€™-bis(dipyrrolylmethene) with acetylene spacer. Russian Journal of General Chemistry, 2010, 80, 2374-2381.	0.3	8
60	Donor-acceptor complexes of dipyrrolylmethenes with boron trifluoride as intermediates in the synthesis of Bodipy. Russian Chemical Bulletin, 2010, 59, 1890-1895.	0.4	9
61	Photophysical, photochemical and lasing properties of dipyrrolylmethene complexes in solutions and solid matrices. , 2010, , .		1
62	Synthesis and spectral properties of zinc(II) helicates with 3,3â€²-bis(dipyrrolylmethenes) series. Russian Journal of General Chemistry, 2010, 80, 1216-1218.	0.3	16
63	Structure and energetics of Î²-diketonates. XVI. Molecular structure and vibrational spectrum of zinc acetylacetonate according to gas-phase electron diffraction and quantum-chemical calculations. Journal of Structural Chemistry, 2009, 50, 1035-1045.	0.3	10
64	Complexation between decamethyl-3,3â€²-bis(dipyrrolylmethene) and zinc(II), copper(II), and cobalt(II) acetates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 65-72.	0.3	3
65	Coordination interactions of alkyl-substituted 2,2â€²-dipyrrolylmethene derivatives with copper(II) aminoacid complexes. Russian Journal of General Chemistry, 2009, 79, 482-487.	0.3	2
66	Thermal properties of ligands, salts and metal complexes of linear oligopyrroles. Russian Journal of General Chemistry, 2009, 79, 1900-1909.	0.3	13
67	Protonation and solvation effects in the reaction of zinc 1,2,3,7,8,12,13,17,18,19-Decamethylbiladien-a,c complex formation. Russian Journal of General Chemistry, 2009, 79, 2420-2424.	0.3	2
68	Synthesis and spectral analysis of alkyl-substituted 3,3â€²-bis(dipyrrolylmethenes). Russian Journal of General Chemistry, 2009, 79, 2425-2434.	0.3	14
69	Trends in formation and stability of homo- and heteroligand d-metal complexes with 2,2â€²-dipyrrolylmethenes in dimethylformamide. Russian Journal of Inorganic Chemistry, 2009, 54, 1735-1741.	0.3	10
70	Crystal solvates of tetrakis(3,5-di-t-butylphenyl)-porphyrinates Mn(III), Ni(II) and Zn(II) with pyridine. Journal of Thermal Analysis and Calorimetry, 2008, 92, 671-675.	2.0	2
71	Thermal oxidative destruction of isomeric dipyrrolylmethanes. Journal of Thermal Analysis and Calorimetry, 2008, 92, 735-737.	2.0	3
72	Interactions of hexamethyltetrabutyl-substituted biladiene-a,c with cobalt(II) and zinc(II) acetates. Journal of Thermal Analysis and Calorimetry, 2008, 92, 739-742.	2.0	1

#	Article	IF	Citations
73	Complex formation of Cu(II), Ni(II), Zn(II), Co(II), and Cd(II) acetates with 3,3â€²,4,4â€²,5,5â€²-hexamethyldipyrrolylmethene. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 599-605.	0.3	9
74	3,3â€²-bis(dipyrrolylmethenes) as new chelating ligands: Synthesis and spectral properties. Russian Journal of General Chemistry, 2008, 78, 1215-1224.	0.3	16
75	Association and solvolysis processes in solutions of alkyl-substituted dipyrrolylmethenes according to spectral investigations. Russian Journal of General Chemistry, 2008, 78, 1606-1610.	0.3	0
76	Effect of structural and solvation factors on the chromophore properties and stability of chemical forms of linear tetrapyrroles. Russian Journal of General Chemistry, 2008, 78, 1770-1774.	0.3	5
77	The influence of structural factors on the solvation and coordination unsaturation of metal complexes of several structurally related alkyl substituted dipyrrolylmethenes-2,2â€² and porphin. Russian Journal of Physical Chemistry A, 2008, 82, 713-716.	0.1	0
78	The thermodynamic characteristics of formation of mono-and binuclear biladiene Ni(II), Cu(II), Zn(II), Cd(II), and Hg(II) chelates in dimethylformamide solutions. Russian Journal of Physical Chemistry A, 2008, 82, 2030-2034.	0.1	2
79	Thermodynamics of coordination interactions of cobalt(II) and zinc(II) acetates with hexamethyltetrabutyl-substituted biladiene-a,c. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 341-345.	0.3	6
80	Correlation of physicochemical characteristics of the basicity of coordination centers in alkyl-substituted dipyrrolylmethenes, biladienes-a,c, and their heteroanalogs. Russian Journal of General Chemistry, 2007, 77, 1441-1447.	0.3	1
81	Reactions of Cu(II) and Co(II) acetates, acetylacetonates, and valinates with Î±,Î±-Dipyrrolylemethen. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 116-120.	0.3	8
82	Reactivity of Î±,Î±-dipyrrolylmethene in reactions with some Co(II) and Cu(II) complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 518-523.	0.3	5
83	Thermodynamic stability of Ni(II) and Cu(II) chelates with biladiene-a,c in DMF. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 524-528.	0.3	4
84	Thermodynamics of complex formation reactions between d metals and linear oligopyrroles. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 830-836.	0.3	7
85	Correlation of the basicity of dipyrrolylmethenes biladienes-a,c with the thermal and kinetic stability of their salts. Russian Journal of General Chemistry, 2006, 76, 141-147.	0.3	4
86	Stability of nonplanar N-methylporphyrins and their zinc complexes. Russian Journal of General Chemistry, 2006, 76, 482-487.	0.3	1
87	Electronic absorption spectra and acid-base and ligand properties of alkyl-substituted biladiene-a,c. Russian Journal of General Chemistry, 2006, 76, 1157-1164.	0.3	4
88	The vibrational spectra and stability of dipyrrolylmethene hydrobromides and their oxa and thia derivatives. Russian Journal of Physical Chemistry A, 2006, 80, 1093-1098.	0.1	1
89	Peculiarities of the interspecies interactions of metallocomplexes of structurally similar Î±,Î±-dipyrrolylmethene and porphyrin with organic solvents. Russian Journal of Physical Chemistry A, 2006, 80, S1-S6.	0.1	15
90	The special features of the thermal oxidative destruction of isomeric dipyrrolylmethanes. Russian Journal of Physical Chemistry A, 2006, 80, S98-S101.	0.1	2

#	Article	IF	Citations
91	Complexation in cobalt(II) valinate-Î±,Î±-dipyrrolylmethene system. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 164-165.	0.3	5
92	Binuclear Cobalt(II) Complexes with Biladiene-a,c in DMF. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 331-334.	0.3	8
93	Coordination of Alkyl-Substituted Biladiene-a,c by Zinc(II), Cadmium(II), and Mercury(II) Acetates in Dimethylformamide. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 849-855.	0.3	25
94	Thermodynamics of Copper(II), Zinc(II), Cobalt(II), Mercury(II), and Nickel(II) Complexation with Â,Î±-Dipyrrolylmethene in DMF. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 30-33.	0.3	12
95	Kinetics of Alkylated Biladiene-a,c Deprotonation. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 371-374.	0.3	7
96	Influence of metal cation on chromophore properties of complexes of some d metals with Î±,Î±-dipyrrolylmethene. Russian Journal of General Chemistry, 2004, 74, 1282-1285.	0.3	12
97	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1807-1813.	0.4	6
98	Title is missing!. Russian Journal of General Chemistry, 2002, 72, 126-130.	0.3	9
99	Title is missing!. Russian Journal of General Chemistry, 2002, 72, 1306-1310.	0.3	4
100	Complex Formation of Magnesium(II) with Octaaryltetraazaporphyrins in Pyridine. Russian Journal of General Chemistry, 2001, 71, 1058-1065.	0.3	5
101	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 1999, 58, 741-748.	1.4	8
102	Title is missing!. Journal of Solution Chemistry, 1998, 27, 879-886.	0.6	18
103	Effect of the complex forming ion on the physicochemical characteristics of solvation of tetraphenylporphine complexes. Russian Chemical Bulletin, 1993, 42, 797-801.	0.4	0
104	Some peculiarities of ??? interactions between tetraphenylporphine metal complexes and aromatic solvents. Russian Chemical Bulletin, 1993, 42, 801-804.	0.4	1
105	Physicochemical properties of ?-? complexes of zinctetraphenylporphyrin with aromatic molecules. Bulletin of the Russian Academy of Sciences Division of Chemical Science, 1992, 41, 1190-1192.	0.0	0
106	Thermochemical characteristics of the near surroundings of tetraphenylporpffln in benzene, pyridine and carbon tetrachloride. Thermochimica Acta, 1990, 169, 103-110.	1.2	17