

Alexander A Ksenofontov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

381
citations

11
h-index

14
g-index

63
ext. papers

505
ext. citations

4
avg, IF

4.02
L-index

#	Paper	IF	Citations
60	Dipyrromethene chromo-fluorogenic chemosensors for quantitative detection and express analysis of Zn ²⁺ ions. <i>Journal of Molecular Liquids</i> , 2022 , 345, 117834	6	1
59	Effects of ms-aryl substitution on the structure and spectral properties of new CH(Ar)-bis(BODIPY) luminophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 265, 120393	4.4	2
58	Design and physico-chemical properties of unsymmetrically substituted dipyrromethenes and their complexes with boron(III) and zinc(II). <i>Dyes and Pigments</i> , 2022 , 202, 110215	4.6	0
57	Chemistry and Practical Application of Dipyrromethene Ligands, Salts, and Coordination Compounds as Optical Sensors for Analytes of Various Nature (A Review). <i>Russian Journal of Inorganic Chemistry</i> , 2022 , 67, 321-337	1.5	0
56	Aggregation behavior and spectroscopic properties of red-emitting distyryl-BODIPY in aqueous solution, Langmuir-Schaefer films and Pluoronic® F127 micelles.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 278, 121366	4.4	1
55	Diclofenac Ion Hydration: Experimental and Theoretical Search for Anion Pairs. <i>Molecules</i> , 2022 , 27, 3350	4.8	1
54	Meso-carbazole substituted porphyrin complexes: Synthesis and spectral properties according to experiment, DFT calculations and the prediction by machine learning methods. <i>Dyes and Pigments</i> , 2022 , 110470	4.6	1
53	Can machine learning methods accurately predict the molar absorption coefficient of different classes of dyes?. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 279, 121442	4.4	1
52	Deep neural network model for highly accurate prediction of BODIPYs absorption. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 267, 120577	4.4	3
51	Chemical design of carbazole dendrons: Optical properties and DFT analysis. <i>Optical Materials</i> , 2021 , 122, 111661	3.3	1
50	Self-organizing donor-acceptor assemblies of cobalt(II) porphyrin ligated with gold(III) porphyrin or fullerene[60]pyrrolidine in liquid medium. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115306	6	3
49	Effect of ms-substitution on aggregation behavior and spectroscopic properties of BODIPY dyes in aqueous solution, Langmuir-Schaefer and poly(methyl methacrylate) thin films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 618, 126449	5.1	3
48	Water-Soluble BODIPY-Based fluorescent probe for BSA and HSA detection. <i>Journal of Molecular Liquids</i> , 2021 , 345, 117031	6	3
47	Non-covalent supramolecular systems with photoinduced electron transfer based on zinc bis(dipyrromethenates) and C60. <i>Dyes and Pigments</i> , 2021 , 185, 108918	4.6	3
46	Carbazole-functionalized cobalt(II) porphyrin axially bonded with C60/C70 derivatives: synthesis and characterization. <i>New Journal of Chemistry</i> , 2021 , 45, 9053-9065	3.6	3
45	Schiff base complexes with different metals incorporating derivatives of 3,6-di-tert-butylcarbazole. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6145	3.1	3
44	Bodipy Based Fluorescent Materials in Cellulose Matrices: Synthesis, Spectral Properties and Vapochromic Fluorescent Recognition of Alcohols and Acetone. <i>Journal of Fluorescence</i> , 2021 , 31, 1627	2.4	0

43	Effect of polar protic solvents on the photophysical properties of bis(BODIPY) dyes. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116416	6	6
42	A New Water-Soluble Form of BODIPY Luminophores Based on Cremophor \square : Synthesis, Spectral Properties, and in vitro Study. <i>Russian Journal of Physical Chemistry B</i> , 2021 , 15, 40-45	1.2	
41	2-APCAs, the Novel Microtubule Targeting Agents Active Against Distinct Cancer Cell Lines. <i>Molecules</i> , 2021 , 26,	4.8	2
40	The influence of alkylation on the photophysical properties of BODIPYs and their labeling in blood plasma proteins. <i>Journal of Molecular Liquids</i> , 2020 , 304, 112717	6	10
39	SYNTHESIS AND STUDY OF SPECTRAL PROPERTIES OF AMINO ACIDS \square BODIPY CONJUGATES. <i>ChemChemTech</i> , 2020 , 63, 4-11	1.1	2
38	Synthesis, EPR study and photophysical properties of a mononuclear Fe(III) Schiff base complex functionalized by 3,6-di-tert-butyl-carbazole moieties. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127090 ⁴	3.4	3
37	Fluorescent detection of loop diuretics by sensors based on zinc(II) bis(dipyrrromethenate)s. <i>Dyes and Pigments</i> , 2020 , 179, 108389	4.6	2
36	Novel fluorescent sensors based on zinc(II) bis(dipyrrromethenate)s for furosemide detection in organic media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 382, 111899	4.7	10
35	New dyads based on trifluoromethylated phthalocyanine derivatives and substituted fullerene with possible application photoinduced electron transfer. <i>Journal of Fluorine Chemistry</i> , 2019 , 224, 113-120	2.1	12
34	Effect of solvent nature on spectral properties of blue-emitting meso-propargylamino-BODIPY. <i>Journal of Molecular Liquids</i> , 2019 , 285, 194-203	6	7
33	Novel BODIPY-conjugated amino acids: Synthesis and spectral properties. <i>Journal of Molecular Liquids</i> , 2019 , 283, 695-703	6	9
32	Luminescent properties of new 2,2-, 2,3- and 3,3-CH-bis(BODIPY)s dyes: Structural and solvation effects. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 308-319	4.4	14
31	Liquid crystalline poly(propylene imine) dendrimer-based iron oxide nanoparticles.. <i>RSC Advances</i> , 2019 , 9, 22499-22512	3.7	1
30	The complex formation of indium(III) acetate with alkyl-substituted 3,3'-bis(dipyrrromethene) ligands. <i>Inorganica Chimica Acta</i> , 2019 , 498, 119146	2.7	1
29	SYNTHESIS AND SPECTRAL PROPERTIES OF BODIPY LUMINOPHORE WITH EXTENDED \square ELECTRONIC SYSTEM. <i>ChemChemTech</i> , 2019 , 62, 13-18	1.1	3
28	Synthesis and emissive properties of bi-directed azomethine iron(III) complexes based on salicylidene-4-biphenylcarboxylic acid. <i>Journal of Molecular Structure</i> , 2019 , 1176, 529-537	3.4	1
27	Prospects of applications of fluorescent sensors based on zinc(II) and boron(III) bis(dipyrrromethenate)s. <i>Journal of Molecular Liquids</i> , 2019 , 274, 681-689	6	13
26	Interaction of tetramethyl-substituted BODIPY dye with bovine serum albumin: Spectroscopic study and molecular docking. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 368, 254-257 ⁴⁷	4.7	11

25	Novel Zinc(II) Bis(Dipyrromethenate)-Doped Ethyl Cellulose Sensors for Acetone Vapor Fluorescence Detection. <i>Journal of Fluorescence</i> , 2018 , 28, 477-482	2.4	11
24	Synthesis and properties of the novel (tetraazaporphinato)/(phthalocyaninato) manganese(III) π Pyridyl-substituted [60]fulleropyrrolidine dyads assembled through donor-acceptor bonding. <i>Dyes and Pigments</i> , 2018 , 153, 225-232	4.6	21
23	Synthesis and Photochemical Properties of 2,3;5,6-bis(cyclohexano)-BODIPY. <i>Journal of Fluorescence</i> , 2018 , 28, 393-407	2.4	4
22	Novel non-covalent supramolecular systems based on zinc(II) bis(dipyrromethenate)s with fullerenes. <i>Journal of Molecular Liquids</i> , 2018 , 269, 327-334	6	9
21	Self-assembled cobalt(II)porphyrinfulleropyrrolidine triads via axial coordination with photoinduced electron transfer. <i>New Journal of Chemistry</i> , 2018 , 42, 12449-12456	3.6	22
20	Cadmium(II) complexes with monoiodo- and dibromodipyrromethenes: synthesis, molecular structure, spectral-luminescent properties, and stability in solutions. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1231-1240	1.7	3
19	Zinc(II) bis(dipyrromethenate)-doped ethyl cellulose sensors for ethanol vapor fluorescence detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 462-466	8.5	7
18	Zinc(II) bis(dipyrromethenate)s crystal solvates with dimethyl sulfoxide Composition, stability and spectral-luminescent properties. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 858-868	8.5	15
17	The influence of structural factors on the composition, spectral-luminescent properties and thermal stability of zinc(II) bis(dipyrromethenate)s crystal solvates with aromatic hydrocarbons. <i>Journal of Luminescence</i> , 2017 , 187, 69-77	3.8	5
16	Zinc(II) bis(dipyrromethenate)s-based π -off fluorescent sensors for xylenes. <i>Journal of Luminescence</i> , 2017 , 192, 1203-1210	3.8	8
15	The influence of structural factors on the composition, spectral-luminescent properties and thermal stability of zinc(II) bis(dipyrromethenate)s crystal solvates with amines. <i>Journal of Molecular Structure</i> , 2017 , 1130, 385-394	3.4	8
14	Zinc(II) bis(dipyrromethenate)s as chemosensors for fluorescent detection of amines. <i>Journal of Luminescence</i> , 2017 , 181, 387-392	3.8	8
13	π -off fluorescent sensors for aromatic analytes based on zinc(II) bis(dipyrromethenate)s. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 222-227	4.4	12
12	A New Sensitive and Selective Off-On Fluorescent Zn Chemosensor Based on 3,3',5,5'-Tetraphenylsubstituted Dipyrromethene. <i>Journal of Fluorescence</i> , 2016 , 26, 1967-1974	2.4	8
11	Theoretical studies on the electronic structure and spectroscopic properties of transition metals bis(dipyrinate)s. <i>Molecular Physics</i> , 2016 , 114, 2838-2847	1.7	3
10	Crystal solvates of zinc(II) bis(dipyrinate)s with triethylamine: composition, stability and spectral-luminescent properties. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 901-914	1.6	8
9	Influence of structural factors and the properties of the medium on the fluorescence of Zn(II) bis(dipyrinate)s. <i>Journal of Luminescence</i> , 2016 , 170, 275-281	3.8	8
8	Thermal and spectroscopic characterization of zinc(II) bis(dipyrinate)s crystal solvates with acetone, dimethyl sulfoxide, and triethylamine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 126, 1481-1490	4.1	6

7	A quantum chemical study of the molecular structure of zinc(II) and boron(II) complexes with monoiodo and dibromo substituted dipyrines. <i>Journal of Structural Chemistry</i> , 2016 , 57, 25-32	0.9	15
6	Influence of Solvation and Structural Contributions on Fluorescence of Dipyrine Dyes. <i>Journal of Fluorescence</i> , 2015 , 25, 1875-85	2.4	3
5	Theoretical studies on the electronic structure and spectroscopic properties of zinc(II) bis(dipyrinate)s. <i>Computational and Theoretical Chemistry</i> , 2015 , 1054, 88-92	2	14
4	Kinetic model and mechanism of the acid dissociation of d-metal bis(dipyrrolylmethenates). <i>Kinetics and Catalysis</i> , 2014 , 55, 391-400	1.5	1
3	Molecular structure of bis(dipyrrolylmethanates) of d-metals according to the quantum chemical calculations by the PM6 method. <i>Journal of Structural Chemistry</i> , 2014 , 55, 418-423	0.9	9
2	Comparative analysis of physicochemical properties of dinuclear zinc(II) helicates with 2,2?-, 2,3?-, and 3,3?-bis(dipyrromethenes). <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 578-586	1.5	18
1	Composition and thermal stability of bis (dipyrrolylmethenato)zinc(II) crystal solvates with N,N-dimethylformamide. <i>Thermochimica Acta</i> , 2014 , 589, 31-36	2.9	14