Yuriy Marfin

List of Publications by Year
in descending order

58	720	471061	580395
papers	citations	17 h-index	25 g-index

58	58	58	725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BODIPY Conjugates as Functional Compounds for Medical Diagnostics and Treatment. Molecules, 2022, 27, 1396.	1.7	46
2	Design of Promising aza-BODIPYs for Bioimaging and Sensing. Designs, 2022, 6, 21.	1.3	3
3	Polarity and Structure of BODIPYs: A Semiempirical and Chemoinformation Analysis. Russian Journal of Inorganic Chemistry, 2022, 67, 362-374.	0.3	2
4	Molecular and electronic structure of substituted BODIPY dyes: Quantum chemical study. Computational and Theoretical Chemistry, 2022, 1212, 113719.	1.1	1
5	Spanning BODIPY fluorescence with self-assembled micellar clusters. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112532.	2.5	4
6	Dataset for the Synthesis of Boron-Dipyrrin Dyes, their fluorescent properties, their interaction with proteins, Triton-X-based surfactants, and micellar clusterization approaches to validation based on fluorescent dyes. Data in Brief, 2022, , 108464.	0.5	0
7	New insights into quantifying the solvatochromism of BODIPY based fluorescent probes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119683.	2.0	6
8	Bodipy Based Fluorescent Materials in Cellulose Matrices: Synthesis, Spectral Properties and Vapochromic Fluorescent Recognition of Alcohols and Acetone. Journal of Fluorescence, 2021, 31, 1627.	1.3	1
9	Sol-Gel Synthesis of Organically Modified Silica Particles as Efficient Palladium Catalyst Supports to Perform Hydrogenation Process. Catalysts, 2021, 11, 1175.	1.6	3
10	Supramolecular organization and optical properties of BODIPY derivatives in Langmuirâ€“Schaefer films. New Journal of Chemistry, 2020, 44, 19046-19053.	1.4	8
11	Quantum Chemical Study Aimed at Modeling Efficient Aza-BODIPY NIR Dyes: Molecular and Electronic Structure, Absorption, and Emission Spectra. Molecules, 2020, 25, 5361.	1.7	4
12	Bulky-substituted phthalodinitriles and cobalt and copper phthalocyanines based on them: synthesis, thermal analysis and spectroscopic properties. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1807-1816.	2.0	4
13	Tetrakis(4-bromophenoxy)phthalocyanine, its metal complexes, and their sulfonated derivatives: the synthesis and spectral properties. Russian Chemical Bulletin, 2020, 69, 1349-1354.	0.4	3
14	Effects of Concentration on Aggregation of BODIPY-Based Fluorescent Dyes Solution. Journal of Fluorescence, 2020, 30, 1611-1621.	1.3	17
15	DDAO Controlled Synthesis of Organo-Modified Silica Nanoparticles with Encapsulated Fluorescent Boron Dipyrrins and Study of Their Uptake by Cancerous Cells. Molecules, 2020, 25, 3802.	1.7	8
16	Assessment of Acute Toxicity of Cobalt Tetrasulfophthalocyaninate by Intravenous Injection on Wistar Rats. Macroheterocycles, 2020, 13, 7-12.	0.9	1
17	Quantum-chemical study of oxophosphorus dipyrromethene (PODIPY) fluorophore coordination environment. Computational and Theoretical Chemistry, 2019, 1164, 112553.	1.1	4
18	Decomposition Mechanisms of BODIPY Dyes. , 2019, , .		0

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19	Oxophosphoryl Complexes of Dipyrrin: Spectral and Aggregation Characteristics of Solutions and Thin Films. Crystallography Reports, 2019, 64, 644-648.	0.1	10
20	Data on peptidyl platform-based anticancer drug synthesis and triton-x-based micellar clusters (MCs) self-assembly peculiarities for enhanced solubilization, encapsulation of hydrophobic compounds and their interaction with HeLa cells. Data in Brief, 2019, 25, 104052.	0.5	2
21	Influence of structure and solvatation on photophysical characteristics of meso-substituted boron dipyrrins in solution and bulk hybrid materials. Journal of Molecular Liquids, 2019, 283, 688-694.	2.3	7
22	Self-assembled micellar clusters based on Triton-X-family surfactants for enhanced solubilization, encapsulation, proteins permeability control, and anticancer drug delivery. Materials Science and Engineering C, 2019, 99, 794-804.	3.8	23
23	Boron Dipirrins: Mechanism of Formation, Spectral and Photophysical Properties, and Directions of Functionalization. Russian Journal of General Chemistry, 2019, 89, 2682-2699.	0.3	4
24	Synthesis and Spectral Characteristics of BODIPY Dyes with Two or Three Dipyrrin Domains. Journal of Fluorescence, 2019, 29, 41-51.	1.3	5
25	Design and applications of dipyrrin-based fluorescent dyes and related organic luminophores: From individual compounds to supramolecular self-assembled systems. Dyes and Pigments, 2019, 162, 517-542.	2.0	54
26	SYNTHESIS AND SPECTRAL PROPERTIES OF BODIPY LUMINOPHORE WITH EXTENDED Ї€-ELECTRONIC SYSTEM. ChemChemTech, 2019, 62, 13-18.	0.1	5
27	Supramolecular effects as driving force of dipyrrin based functional materials engineering. Journal of Physics: Conference Series, 2018, 951, 012017.	0.3	2
28	BODIPY dyes in bio environment: Spectral characteristics and possibilities for practical application. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 350, 44-51.	2.0	26
29	Spectral Properties and Possibilities of meso-Substituted BODIPY Usage in Solâ€“Gel Process and Materials. Journal of Fluorescence, 2018, 28, 277-284.	1.3	10
30	Sulfonated octaâ€substituted Co(II) phthalocyanines immobilized on silica matrix as catalyst for Thiuram E synthesis. Applied Organometallic Chemistry, 2018, 32, e4482.	1.7	7
31	Solâ€“gel synthesis, spectral properties and stability of silica films doped by fluorescent dyes. Materials Technology, 2017, 32, 116-123.	1.5	6
32	BODIPY associates in organic matrices: Spectral properties, photostability and evaluation as OLED emitters. Materials Chemistry and Physics, 2017, 187, 104-111.	2.0	53
33	Synthesis and spectral properties of preorganized BODIPYs in solutions and Langmuir-Schaefer films. Applied Surface Science, 2017, 424, 228-238.	3.1	23
34	Recent Advances of Individual BODIPY and BODIPY-Based Functional Materials in Medical Diagnostics and Treatment. Current Medicinal Chemistry, 2017, 24, 2745-2772.	1.2	66
35	Synthesis and catalytic properties of hybrid materials based on organically modified silica matrix with cobalt phthalocyanine. Synthetic Metals, 2016, 217, 189-196.	2.1	18
36	Effect of Ї€-Extended Substituents on Photophysical Properties of BODIPY Dyes in Solutions. Journal of Fluorescence, 2016, 26, 1975-1985.	1.3	22

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37	The Effect of pH on OH Radical Generation in Aqueous Solutions by Atmospheric Pressure Glow Discharge. Plasma Chemistry and Plasma Processing, 2016, 36, 1229-1238.	1.1	34
38	Fluorescent Properties of BODIPY Sensors Based on Photoinduced Electron Transfer. Journal of Fluorescence, 2016, 26, 2105-2112.	1.3	23
39	Actual aspects of the chemistry of dipyrrin dyes and prospects for their application in molecular sensorics. Russian Journal of General Chemistry, 2016, 86, 2209-2225.	0.3	4
40	Interaction of BODIPY Dyes with the Blood Plasma Proteins. Journal of Fluorescence, 2016, 26, 255-261.	1.3	20
41	Fluorescent Properties of 8-Substituted BODIPY Dyes: Influence of Solvent Effects. Journal of Fluorescence, 2015, 25, 1517-1526.	1.3	29
42	Studying the blood clotting investigation in prescence of boron-dipyrrin fluorescent dyes. Kazan Medical Journal, 2015, 96, 792-798.	0.1	4
43	Fluorescent Properties of 8-phenylBODIPY in Ethanol â€“ Ethylene Glycol Mixed Solutions. Journal of Fluorescence, 2014, 24, 1613-1619.	1.3	20
44	Analysis of solvation and structural contributions in spectral characteristics of dipyrrin Zn(II) complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 423-428.	2.0	12
45	Protolytic dissociation mechanisms and comparative acid stabilities of palladium(II), zinc(II), copper(II), and nickel(II) complexes of alkylated dipyrrins. Transition Metal Chemistry, 2014, 39, 699-704.	0.7	1
46	Silica nanoparticles doped by cobalt(II) sulfosubstituted phthalocyanines: Solâ€“gel synthesis and catalytic activity. Journal of Non-Crystalline Solids, 2014, 406, 5-10.	1.5	19
47	Kinetic resistance of borofluoride complexes of dipyrrolylmethenes to acids. Russian Journal of Inorganic Chemistry, 2013, 58, 596-601.	0.3	7
48	Spectral and photophysical properties of zinc(II) complexes with alkylsubstituted derivatives of dipyrrolylmethene and their resistance to protolytic dissociation and photochemical destruction. Russian Journal of Physical Chemistry A, 2013, 87, 323-328.	0.1	6
49	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
50	Kinetic study of Bodipy resistance to acids and alkalis: Stability ranges in aqueous and non-aqueous solutions. Inorganica Chimica Acta, 2013, 408, 181-185.	1.2	25
51	Solâ€“gel synthesis of highly effective catalyst based on cobalt tetrasulfophthalocyanine complex and silicon oxide. Journal of Sol-Gel Science and Technology, 2013, 66, 306-311.	1.1	18
52	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
53	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
54	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

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55	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
56	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
57	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
58	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