

Yuriy V Zatsikha

List of Publications by Citations

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38

papers

551

citations

13

h-index

21

g-index

41

ext. papers

661

ext. citations

4.5

avg, IF

3.92

L-index

#	Paper	IF	Citations
38	Synthesis and charge-transfer dynamics in a ferrocene-containing organoboryl aza-BODIPY donor-acceptor triad with boron as the hub. <i>Inorganic Chemistry</i> , 2015 , 54, 4167-74	5.1	54
37	Synthesis, redox properties, and electronic coupling in the diferrocene aza-dipyrromethene and azaBODIPY donor-acceptor dyad with direct ferrocene- π -pyrrole bond. <i>Inorganic Chemistry</i> , 2014 , 53, 4751-5	5.1	53
36	Tuning Electronic Structure, Redox, and Photophysical Properties in Asymmetric NIR-Absorbing Organometallic BODIPYs. <i>Inorganic Chemistry</i> , 2015 , 54, 7915-28	5.1	50
35	Unusually Strong Long-Distance Metal-Metal Coupling in Bis(ferrocene)-Containing BOPHY: An Introduction to Organometallic BOPHYs. <i>Chemistry - A European Journal</i> , 2015 , 21, 18043-6	4.8	42
34	Testing the Limits of the BOPHY Platform: Preparation, Characterization, and Theoretical Modeling of BOPHYs and Organometallic BOPHYs with Electron-Withdrawing Groups at π -Pyrrolic and Bridging Positions. <i>Chemistry - A European Journal</i> , 2017 , 23, 14786-14796	4.8	30
33	Redox and photoinduced electron-transfer properties in short distance organoboryl ferrocene-subphthalocyanine dyads. <i>Inorganic Chemistry</i> , 2014 , 53, 9336-47	5.1	28
32	Observation of the Strong Electronic Coupling in Near-Infrared-Absorbing Tetraferrocene aza-Dipyrromethene and aza-BODIPY with Direct Ferrocene- π and Ferrocene- π -Pyrrole Bonds: Toward Molecular Machinery with Four-Bit Information Storage Capacity. <i>Inorganic Chemistry</i> , 2017 , 56, 804-808	5.1	26
31	Preparation of Viscosity-Sensitive Isoxazoline/Isoxazolyl-Based Molecular Rotors and Directly Linked BODIPY-Fulleroisoxazoline from the Stable π -(Nitrile Oxide)-Substituted BODIPY. <i>Organic Letters</i> , 2019 , 21, 5713-5718	6.2	20
30	NIR absorbing diferrocene-containing meso-cyano-BODIPY with a UV-Vis-NIR spectrum remarkably close to that of magnesium tetracyanotetraferrocenyltetraazaporphyrin. <i>Chemical Communications</i> , 2016 , 52, 11563-6	5.8	19
29	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinocathrochelates. <i>Inorganic Chemistry</i> , 2016 , 55, 11867-11882	5.1	17
28	An efficient method of chemical modification of BODIPY core. <i>Tetrahedron</i> , 2013 , 69, 2233-2238	2.4	17
27	Preparation, Characterization, Redox, and Photoinduced Electron-Transfer Properties of the NIR-Absorbing N-Ferrocenyl-2-pyridone BODIPYs. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 318-324	2.3	16
26	Tuning Electron-Transfer Properties in 5,10,15,20-Tetra(1Rhexanoylferrocenyl)porphyrins as Prospective Systems for Quantum Cellular Automata and Platforms for Four-Bit Information Storage. <i>Inorganic Chemistry</i> , 2017 , 56, 4717-4728	5.1	14
25	Development of a Class of Easily Scalable, Electron-Deficient, Core-Extended Benzo-Fused Azadipyrromethene Derivatives ("MB-DIPY"). <i>Journal of Organic Chemistry</i> , 2019 , 84, 14540-14557	4.2	12
24	Functionalized bispyridoneannellated BODIPY [Bright long-wavelength fluorophores. <i>Dyes and Pigments</i> , 2015 , 114, 215-221	4.6	12
23	1,7-Dipyrene-Containing Aza-BODIPYs: Are Pyrene Groups Effective as Ligands To Promote and Direct Complex Formation with Common Nanocarbon Materials?. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 27893-27916	3.8	12
22	Ferrocene-BODIPYmerocyanine dyads: new NIR absorbing platforms with optical properties susceptible to protonation. <i>Chemical Communications</i> , 2017 , 53, 7612-7615	5.8	11

21	Boradipyrrromethenecyanines on the base of a BODIPY nucleus annelated with a pyridone ring: a new approach to long-wavelength dual fluorescent probe design. <i>RSC Advances</i> , 2013 , 3, 24193	3.7	11
20	A New Approach to the Synthesis of meso-CN-Substituted BODIPYs. <i>ChemistrySelect</i> , 2016 , 1, 1462-1466	1.8	11
19	Flexible BODIPY Platform That Offers an Unexpected Regioselective Heterocyclization Reaction toward Preparation of 2-Pyridone[a]-Fused BODIPYs. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2133-2147	4.2	10
18	Synthesis pathways for the preparation of the BODIPY analogues: aza-BODIPYs, BOPHYs and some other pyrrole-based acyclic chromophores. <i>Dalton Transactions</i> , 2021 , 50, 1569-1593	4.3	9
17	meso-Nitromethyl-Substituted BODIPYs: A new type of water switchable fluorogenic dyes useful for further core modifications. <i>Dyes and Pigments</i> , 2018 , 149, 774-782	4.6	9
16	Synthesis, Characterization, and Electron-Transfer Properties of Ferrocene-BODIPY-Fullerene Near-Infrared-Absorbing Triads: Are Catecholopyrrolidine-Linked Fullerenes a Good Architecture to Facilitate Electron-Transfer?. <i>Chemistry - A European Journal</i> , 2019 , 25, 8401-8414	4.8	8
15	Rapid Excited-State Deactivation of BODIPY Derivatives by a Boron-Bound Catechol. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 1828-1832	6.4	8
14	1,3-Diylideneisoindolines: Synthesis, Structure, Redox, and Optical Properties. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6217-6222	4.2	7
13	Probing Electronic Communication and Excited-State Dynamics in the Unprecedented Ferrocene-Containing Zinc MB-DIPY. <i>ACS Omega</i> , 2020 , 5, 28656-28662	3.9	7
12	Anionic, cationic and merocyanine polymethine dyes based on dipyrromethene core. <i>Dyes and Pigments</i> , 2013 , 98, 113-118	4.6	7
11	Direct Synthesis of an Unprecedented Stable Radical of Nickel(II) 3,5-Bis(dimedonyl)azadiisoindomethene with Strong and Narrow Near-Infrared Absorption at λ -1000 nm. <i>Inorganic Chemistry</i> , 2017 , 56, 6052-6055	5.1	6
10	Positional Isomers of Isocyanoazulenes as Axial Ligands Coordinated to Ruthenium(II) Tetraphenylporphyrin: Fine-Tuning Redox and Optical Profiles. <i>Inorganic Chemistry</i> , 2019 , 58, 9316-9325	5.1	4
9	Rigid, yet flexible: formation of unprecedented silver MB-DIPY dimers with orthogonal chromophore geometry. <i>Dalton Transactions</i> , 2020 , 49, 5034-5038	4.3	4
8	Ultrafast electron-transfer in a fully conjugated coumarin-ferrocene donor-acceptor dyads. <i>Journal of Organometallic Chemistry</i> , 2019 , 887, 86-97	2.3	3
7	Synthesis, characterization, redox, and Hg ²⁺ optical ion sensing properties of ferrocenyl-containing maleo- and fumaronitrile derivatives. <i>Canadian Journal of Chemistry</i> , 2014 , 92, 739-749	0.9	3
6	Environmentally Benign Route for Scalable Preparation of 1-Imino-3-thioisoindolines-The Key Building Blocks for the Synthesis of Dithio- and Diamino-Isoindigo Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4733-4746	4.2	3
5	The Main Strategies of Design and Applications of BODIPYs 2016 , 151-257		3
4	Boradipyrrromethenecyanines of different electronic symmetry: A demonstration of the potential of BODIPY nucleus as end group in polymethine chromophoric system. <i>Dyes and Pigments</i> , 2014 , 106, 161-167	4.6	2

3	Fully Conjugated Pyrene-BODIPY and Pyrene-BODIPY-Ferrocene Dyads and Triads: Synthesis, Characterization, and Selective Noncovalent Interactions with Nanocarbon Materials. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 360-371	3.4	1
2	Elsoindigo-azaDIPYs: Fully Conjugated Hybrid Systems with Broad Absorption in the Visible Region. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12304-12307	16.4	1
1	Elsoindigo-azaDIPYs: Fully Conjugated Hybrid Systems with Broad Absorption in the Visible Region. <i>Angewandte Chemie</i> , 2021 , 133, 12412-12415	3.6	