

Evgeny A Mostovich

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Way to Highly Emissive Materials: Increase of Rigidity by Introduction of a Furan Moiety in Co-Oligomers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23359-23369.	1.5	32
2	Highly-emissive solution-grown furan/phenylene co-oligomer single crystals. <i>RSC Advances</i> , 2016, 6, 92325-92329.	1.7	26
3	Planar Biphenyl-Bridged Biradicals as Building Blocks for the Design of Quantum Magnets. <i>Crystal Growth and Design</i> , 2012, 12, 54-59.	1.4	23
4	Interacting networks of purely organic spin ^{1/2} dimers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6618-6629.	2.7	23
5	Methyl substituent effect on structure, luminescence and semiconducting properties of furan/phenylene co-oligomer single crystals. <i>CrystEngComm</i> , 2017, 19, 1809-1815.	1.3	23
6	Verdazyl Radical Building Blocks: Synthesis, Structure, and Sonogashira Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4802-4811.	1.2	23
7	Synthesis, luminescence and charge transport properties of furan/phenylene co-oligomers: The study of conjugation length effect. <i>Organic Electronics</i> , 2018, 56, 208-215.	1.4	21
8	Long-range exciton transport in brightly fluorescent furan/phenylene co-oligomer crystals. <i>Journal of Materials Chemistry C</i> , 2019, 7, 60-68.	2.7	18
9	Stimuli responsive aggregation-induced emission of bis(4-((9H-fluoren-9-ylidene)methyl)phenyl)thiophene single crystals. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1545-1554.	3.2	18
10	Crystal packing control of a trifluoromethyl-substituted furan/phenylene co-oligomer. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 450-457.	0.5	12
11	Oxidative addition of verdazyl halogenides to Pd(PPh ₃) ₄ . <i>New Journal of Chemistry</i> , 2019, 43, 15293-15301.	1.4	11
12	A Weakly Antiferromagnetically Coupled Biradical Combining Verdazyl with Nitronyl Nitroxide Units. <i>ChemPlusChem</i> , 2020, 85, 159-162.	1.3	11
13	Spin-dimer networks: engineering tools to adjust the magnetic interactions in biradicals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9053-9065.	2.7	10
14	Naphtho[4,3,2,1-lmn][2,9]phenanthrolines: Synthesis, characterization, optical properties and light-induced electron transfer in composites with the semiconducting polymer MEH-PPV. <i>Synthetic Metals</i> , 2015, 201, 43-48.	2.1	9
15	Diaza-analogs of benzopyrene and perylene containing thienyl and 4-(phenylamino)phenyl groups: Synthesis, characterization, optical and electrochemical properties. <i>Dyes and Pigments</i> , 2017, 136, 707-714.	2.0	5
16	Coupling of 1,2-bis(alkoxyamino)cyclohexanes with 1,3-dicarbonyl compounds: first synthesis of 1,4-dialkoxy-2,3-dihydro-1,4-diazepinium salts. <i>Mendeleev Communications</i> , 2007, 17, 48-50.	0.6	4
17	A Concise and Efficient Route to Electron-Accepting 2,2'-bis(2,2'-bipyridyl)bis(11-oxoanthra[1,2-b:6'6'-ylidene])dipropanedinitriles. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2259-2266.		
18	The Suzuki-Miyaura reaction as a tool for modification of phenoxy-nitroxyl radicals of the 4H-imidazole N-oxide series. <i>RSC Advances</i> , 2018, 8, 26099-26107.	1.7	4

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19	2,7-Disubstituted 1,3,6,8-tetraazabenzopyrenes: Synthesis, characterization, optical and electrochemical properties. <i>Dyes and Pigments</i> , 2019, 168, 219-227.	2.0	4
20	P ₂ O ₅ -Promoted Cyclization of Di[aryl(hetaryl)methyl] Malonic Acids as a Pathway to Fused Spiro[4.4]nonane-1,6-Diones. <i>Journal of Organic Chemistry</i> , 2022, 87, 2456-2469.	1.7	4
21	Coupled spin S = 1/2 dimer systems based on nitronyl-nitroxide biradicals. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012225.	0.3	3
22	A quantitative topological descriptor for linear co-oligomer fusion. <i>Chemical Communications</i> , 2018, 54, 7235-7238.	2.2	2
23	1,3,7,9-Tetraazaperylene frameworks: Synthesis, photoluminescence properties, and thin film morphology. <i>Dyes and Pigments</i> , 2018, 150, 252-260.	2.0	1
24	Reactions of vicinal aliphatic bis(hydroxylamines) with trifunctionalized methane derivatives. <i>Arkivoc</i> , 2011, 2011, 29-42.	0.3	1