

Marsel Z Shafikov

List of Publications by Year in descending order

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papers

1,272
citations

430442

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorescence vs Fluorescence in Cyclometalated Platinum(II) and Iridium(III) Complexes of (Oligo)thienylpyridines. <i>Inorganic Chemistry</i> , 2011, 50, 3804-3815.	1.9	200
2	TADF Material Design: Photophysical Background and Case Studies Focusing on Cu ^I and Ag ^I Complexes. <i>ChemPhysChem</i> , 2017, 18, 3508-3535.	1.0	190
3	Design Strategy for Ag(I)-Based Thermally Activated Delayed Fluorescence Reaching an Efficiency Breakthrough. <i>Chemistry of Materials</i> , 2017, 29, 1708-1715.	3.2	93
4	Thermally Activated Delayed Fluorescence from Ag(I) Complexes: A Route to 100% Quantum Yield at Unprecedentedly Short Decay Time. <i>Inorganic Chemistry</i> , 2017, 56, 13274-13285.	1.9	85
5	Dinuclear Design of a Pt(II) Complex Affording Highly Efficient Red Emission: Photophysical Properties and Application in Solution-Processible OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8182-8193.	4.0	67
6	Dinuclear Ag(I) Complex Designed for Highly Efficient Thermally Activated Delayed Fluorescence. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 702-709.	2.1	60
7	Symmetry-Based Design Strategy for Unprecedentedly Fast Decaying Thermally Activated Delayed Fluorescence (TADF). Application to Dinuclear Cu(I) Compounds. <i>Chemistry of Materials</i> , 2019, 31, 4392-4404.	3.2	51
8	Detection of nitroaromatic explosives by new Dâ€“A sensing fluorophores on the basis of the pyrimidine scaffold. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4093-4101.	1.9	49
9	Modulation of Intersystem Crossing Rate by Minor Ligand Modifications in Cyclometalated Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 7457-7466.	1.9	44
10	Sky-blue thermally activated delayed fluorescence (TADF) based on Ag(^I) complexes: strong solvation-induced emission enhancement. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3168-3176.	3.0	43
11	Extended ligand conjugation and dinuclearity as a route to efficient platinum-based near-infrared (NIR) triplet emitters and solution-processed NIR-OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 127-135.	2.7	42
12	New 4,5-di(hetero)arylpyrimidines as sensing elements for detection of nitroaromatic explosives in vapor phase. <i>Dyes and Pigments</i> , 2017, 137, 360-371.	2.0	39
13	Unusually Fast Phosphorescence from Ir(III) Complexes via Dinuclear Molecular Design. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7015-7024.	2.1	34
14	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2',6',6'-Terpyridines. <i>Chemistry - A European Journal</i> , 2016, 22, 8215-8233.	1.7	31
15	Ag(^I) complex design affording intense phosphorescence with a landmark lifetime of over 100 milliseconds. <i>Dalton Transactions</i> , 2019, 48, 2802-2806.	1.6	30
16	Near Infrared Phosphorescent Dinuclear Ir(III) Complex Exhibiting Unusually Slow Intersystem Crossing and Dual Emissive Behavior. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5849-5855.	2.1	27
17	Mitochondria Targeting with Luminescent Rhenium(I) Complexes. <i>Molecules</i> , 2017, 22, 809.	1.7	23
18	Halide-Enhanced Spinâ€“Orbit Coupling and the Phosphorescence Rate in Ir(III) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 642-650.	1.9	21

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19	Non-Stereogenic Dinuclear Ir(III) Complex with a Molecular Rack Design to Afford Efficient Thermally Enhanced Red Emission. <i>Inorganic Chemistry</i> , 2021, 60, 1780-1789.	1.9	20
20	An efficient heterodinuclear Ir(III)/Pt(II) complex: synthesis, photophysics and application in light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10672-10682.	2.7	18
21	Can Coumarins Break Kasha's Rule?. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6468-6471.	2.1	17
22	Tuning the Excimer Emission of Amphiphilic Platinum(II) Complexes Mediated by Phospholipid Vesicles. <i>Inorganic Chemistry</i> , 2017, 56, 4885-4897.	1.9	15
23	Design and synthesis of imidazoles linearly connected to carbocyclic and heterocyclic rings via a 1,2,3-triazole linker. Reactivity of $\hat{\nu}^2$ -azolyl enamines towards heteroaromatic azides. <i>New Journal of Chemistry</i> , 2018, 42, 7049-7059.	1.4	13
24	Dual emissive dinuclear Pt(II) complexes and application to singlet oxygen generation. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5808-5818.	2.7	10
25	Liquid-crystalline TADF materials based on substituted carbazoles and terephthalonitrile. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6528-6535.	2.7	9
26	Synthesis and mesomorphism of modified 2,5-Di(4-dodecoxyphen-1-yl)-cyclopentene-pyridines. <i>Liquid Crystals</i> , 2017, 44, 705-712.	0.9	8
27	Combined experimental and theoretical studies of regio- and stereoselectivity in reactions of $\hat{\nu}^2$ -isoxazolyl- and $\hat{\nu}^2$ -imidazolyl enamines with nitrile oxides. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2390-2401.	1.3	6
28	Benzannulation of a ditopic ligand to afford mononuclear and dinuclear Ir(III) complexes with intense phosphorescence: applications in singlet oxygen generation and bioimaging. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1870-1877.	2.7	6
29	Unexpected, photochemically induced activation of the tetrabutylammonium cation by hexachloroplatinate(IV). <i>Chemical Communications</i> , 2018, 54, 13682-13685.	2.2	5
30	Cyclometalation Geometry of the Bridging Ligand as a Tuning Tool for Photophysics of Dinuclear Ir(III) Complexes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20531-20537.	1.5	5
31	Ligand design and nuclearity variation towards dual emissive Pt(II) complexes for singlet oxygen generation, dual channel bioimaging, and theranostics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5636-5647.	2.7	4
32	Synthesis of imidazolyl dithiocarbamates and their reactions with phenacyl bromides. <i>Russian Chemical Bulletin</i> , 2011, 60, 882-888.	0.4	1