Alexey A Dmitriev

List of Publications by Year
in descending order

20 papers	232 citations	1040056 9 h-index	996975 15 g-index
20 all docs	20 docs citations	20 times ranked	265 citing authors

#	Article	IF	Citations
1	Effects of Spiro-Cyclohexane Substitution of Nitroxyl Biradicals on Dynamic Nuclear Polarization. Molecules, 2022, 27, 3252.	3.8	1
2	Chalcogen-bonded donorâ€“acceptor complexes of 5,6-dicyano[1,2,5]selenadiazolo[3,4-b]pyrazine with halide ions. New Journal of Chemistry, 2022, 46, 14490-14501.	2.8	6
3	2â€(8â€Iodonaphthalenâ€1â€yl)â€Substituted Nitronyl Nitroxide: Suppressed Reactivity of Iodine Atom and Unusual Temperature Dynamics of the EPR Spectrum. European Journal of Organic Chemistry, 2021, 2021, 2355-2361.	2.4	1
4	Paramagnetic Rhenium Iodide Cluster with N-Heterocyclic Carbene. Inorganic Chemistry, 2021, 60, 6746-6752.	4.0	4
5	Synthesis, Characterization and Photovoltaic Properties of Electronâ€Accepting (11â€Oxoanthra[2,1â€b]thiophenâ€6â€ylidene)dipropanedinitrileâ€Based Molecules. ChemistrySelect, 2021, 6, 6043-6049.	1.5	0
6	Cadmium-Inspired Self-Polymerization of {LnIIICd2} Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). Molecules, 2021, 26, 4296.	3.8	8
7	One-Pot Synthesis of 2-R-Naphtho[2,3-b]thiophene-4,9-diones via Cyclization of 2-(R-Ethynyl)-1,4-naphthoquinones with Na₂S₂O₃. Journal of Organic Chemistry, 2021, 86, 11361-11369.	3.2	9
8	Chemistry of Herz radicals: a new way to near-IR dyes with multiple long-lived and differently-coloured redox states. Chemical Communications, 2020, 56, 727-730.	4.1	14
9	Bis(2,1,3-benzotelluradiazolidyl)2,1,3-benzotelluradiazole: a pair of radical anions coupled by Teâ‹¯N chalcogen bonding. Chemical Communications, 2020, 56, 1113-1116.	4.1	18
10	Synthesis of Nitroxide Diradical Using a New Approach. Molecules, 2020, 25, 2701.	3.8	10
11	Ab initio and density functional theory study of the electronic structure of rhenium complexes with noninnocent dioxolene ligands: Localized vs delocalized valence states. International Journal of Quantum Chemistry, 2019, 119, e26018.	2.0	0
12	Vibrational eigenmodes of phospholipid layers in lowâ€wavenumber Raman spectrum of multilamellar vesicles. Journal of Raman Spectroscopy, 2019, 50, 1691-1699.	2.5	3
13	Synthesis of 2,2â€²-[2,2â€²-(arenediyl)bis(anthra[2,3-b]thiophene-5,10-diylidene)]tetrapropanedinitriles and their performance as non-fullerene acceptors in organic photovoltaics. Synthetic Metals, 2019, 255, 116097.	3.9	7
14	Mechanistic study of the [(dpp-bian)Re(CO)3Br] electrochemical reduction using in situ EPR spectroscopy and computational chemistry. Electrochimica Acta, 2018, 270, 526-534.	5.2	21
15	Frontispiece: The First Lanthanide Complexes with a Redoxâ€Active Sulfur Diimide Ligand: Synthesis and Characterization of [LnCp*₂(RN=)₂S], Ln=Sm, Eu, Yb; R=SiMe₃. Chemistry - A European Journal, 2017, 23, .	3.3	0
16	A DFT calculation of EPR parameters of a germanium-vacancy defect in diamond. Diamond and Related Materials, 2017, 76, 86-89.	3.9	22
17	Normal vibrational modes of phospholipid bilayers observed by low-frequency Raman scattering. Physical Review E, 2017, 95, 032412.	2.1	13
18	The First Lanthanide Complexes with a Redoxâ€Active Sulfur Diimide Ligand: Synthesis and Characterization of [LnCp*₂(RN=)₂S], Ln=Sm, Eu, Yb; R=SiMe₃. Chemistry - A European Journal, 2017, 23, 1278-1290.	3.3	28

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19	Temperature-Dependent Hydrocarbon Chain Disorder in Phosphatidylcholine Bilayers Studied by Raman Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 15613-15622.	2.6	42
20	Synthesis and Properties of the Heterospin (S₁ = S₂ =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 [1,2,5]Thiadiazolo[3,4-c][1,2,5]thiadiazolidyl. Inorganic Chemistry, 2015, 54, 7007-7013.	4.0	25