

# Alexey A Dmitriev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/603383/publications.pdf>

Version: 2024-02-01

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	Temperature-Dependent Hydrocarbon Chain Disorder in Phosphatidylcholine Bilayers Studied by Raman Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15613-15622.	2.6	42
2	The First Lanthanide Complexes with a Redox-Active Sulfur Diimide Ligand: Synthesis and Characterization of [LnCp* <sub>2</sub> (RN=) <sub>2</sub> S], Ln=Sm, Eu, Yb; R=SiMe <sub>3</sub> . <i>Chemistry - A European Journal</i> , 2017, 23, 1278-1290.	3.3	28
3	Synthesis and Properties of the Heterospin ( <i>S</i> <sub>1</sub> = <i>S</i> <sub>2</sub> ) Tj ETQq1 1 0.784314 rgBT /Overlock [1,2,5]Thiadiazolo[3,4- <i>c</i> ][1,2,5]thiadiazolidyl. <i>Inorganic Chemistry</i> , 2015, 54, 7007-7013.	4.0	25
4	A DFT calculation of EPR parameters of a germanium-vacancy defect in diamond. <i>Diamond and Related Materials</i> , 2017, 76, 86-89.	3.9	22
5	Mechanistic study of the [(dpp-bian)Re(CO)3Br] electrochemical reduction using in situ EPR spectroscopy and computational chemistry. <i>Electrochimica Acta</i> , 2018, 270, 526-534.	5.2	21
6	Bis(2,1,3-benzotelluradiazolidyl)2,1,3-benzotelluradiazole: a pair of radical anions coupled by Te-N chalcogen bonding. <i>Chemical Communications</i> , 2020, 56, 1113-1116.	4.1	18
7	Chemistry of Herz radicals: a new way to near-IR dyes with multiple long-lived and differently-coloured redox states. <i>Chemical Communications</i> , 2020, 56, 727-730.	4.1	14
8	Normal vibrational modes of phospholipid bilayers observed by low-frequency Raman scattering. <i>Physical Review E</i> , 2017, 95, 032412.	2.1	13
9	Synthesis of Nitroxide Diradical Using a New Approach. <i>Molecules</i> , 2020, 25, 2701.	3.8	10
10	One-Pot Synthesis of 2-R-Naphtho[2,3- <i>b</i> ]thiophene-4,9-diones via Cyclization of 2-(R-Ethynyl)-1,4-naphthoquinones with Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> . <i>Journal of Organic Chemistry</i> , 2021, 86, 11361-11369.	3.2	9
11	Cadmium-Inspired Self-Polymerization of {LnIII Cd <sub>2</sub> } Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). <i>Molecules</i> , 2021, 26, 4296.	3.8	8
12	Synthesis of 2,2'-[2,2'-(arenediyl)bis(anthra[2,3- <i>b</i> ]thiophene-5,10-diylidene)]tetrapropanedinitriles and their performance as non-fullerene acceptors in organic photovoltaics. <i>Synthetic Metals</i> , 2019, 255, 116097.	3.9	7
13	Chalcogen-bonded donor-acceptor complexes of 5,6-dicyano[1,2,5]selenadiazolo[3,4- <i>b</i> ]pyrazine with halide ions. <i>New Journal of Chemistry</i> , 2022, 46, 14490-14501.	2.8	6
14	Paramagnetic Rhenium Iodide Cluster with N-Heterocyclic Carbene. <i>Inorganic Chemistry</i> , 2021, 60, 6746-6752.	4.0	4
15	Vibrational eigenmodes of phospholipid layers in low-wavenumber Raman spectrum of multilamellar vesicles. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1691-1699.	2.5	3
16	2-(8-chloronaphthalen-1-yl)-5-Substituted Nitronyl Nitroxide: Suppressed Reactivity of Iodine Atom and Unusual Temperature Dynamics of the EPR Spectrum. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2355-2361.	2.4	1
17	Effects of Spiro-Cyclohexane Substitution of Nitroxyl Biradicals on Dynamic Nuclear Polarization. <i>Molecules</i> , 2022, 27, 3252.	3.8	1
18	Frontispiece: The First Lanthanide Complexes with a Redox-Active Sulfur Diimide Ligand: Synthesis and Characterization of [LnCp* <sub>2</sub> (RN=) <sub>2</sub> S], Ln=Sm, Eu, Yb; R=SiMe <sub>3</sub> . <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0

#	ARTICLE	IF	CITATIONS
19	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
20	Synthesis, Characterization and Photovoltaic Properties of Electron-Accepting (11'-Oxoanthra[2,1-b<i>/i>]thiophen-6-ylidene)dipropanedinitrile-Based Molecules. ChemistrySelect, 2021, 6, 6043-6049.	1.5	0