Mikhail V Ryzhkov

List of Publications by Year
in descending order

13	163	1478505 6	1281871 11
papers	citations	h-index	g-index

13	13	13	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The electronic structure and the nature of the chemical bond in CeO₂. Physical Chemistry Chemical Physics, 2018, 20, 16167-16175.	2.8	45
2	Electronic structure of endohedral fullerenes An@C28 (An=Th â€“ Md). Computational and Theoretical Chemistry, 2012, 985, 46-52.	2.5	36
3	Electronic structure and geometry optimization of nanoparticles Fe2C, FeC2, Fe3C, FeC3 and Fe2C2. Chemical Physics Letters, 2005, 404, 400-408.	2.6	34
4	Electronic structure of predicted endohedral fullerenes An@C40 (An=Thâ€“Md). Computational and Theoretical Chemistry, 2013, 1013, 70-77.	2.5	19
5	Valence electronic state density in thorium dioxide. Nuclear Technology and Radiation Protection, 2008, 23, 34-42.	0.8	10
6	X-ray photoelectron spectra structure and chemical bonding in AmO2. Nuclear Technology and Radiation Protection, 2015, 30, 83-98.	0.8	10
7	The nature of the chemical bond in UO 2. International Journal of Quantum Chemistry, 2019, 119, e26040.	2.0	4
8	Plutonium complexes in water: new approach to ab initio modeling. Radiochimica Acta, 2021, 109, 327-342.	1.2	2
9	Quantum-chemical simulation of the electronic structure and chemical bonding in the new â€˜superstoichiometricâ€™ titanium carbonitride Ti2CN4. Mendeleev Communications, 2001, 11, 184-185.	1.6	1
10	Electronic Structure and Chemical Bonding in Î²-Sialons. Journal of Structural Chemistry, 2002, 43, 18-25.	1.0	1
11	Electronic structure and effective charges on atoms near anion point defects in uranium dioxide. Computational Condensed Matter, 2019, 18, e00353.	2.1	1
12	Transformation of electron density distribution induced by the cation point defects in uranium dioxide. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 253-262.	1.5	0
13	Firstâ€principles study on the plutonium ions interaction with diamide molecules in acid solutions. International Journal of Quantum Chemistry, 2021, 121, e26681.	2.0	0