

Mikhail Ryazanov

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

249
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct comparison of high-speed methods for the numerical Abel transform. Review of Scientific Instruments, 2019, 90, 065115.	1.3	74
2	Non-Markovian dynamics of a qubit coupled to an Ising spin bath. Physical Review A, 2007, 76, .	2.5	51
3	Overtone-induced dissociation and isomerization dynamics of the hydroxymethyl radical (CH ₂ OH and) Tj ETQq1 1 0.784314 rggBT /Over	3.0	29
4	Improved sliced velocity map imaging apparatus optimized for H photofragments. Journal of Chemical Physics, 2013, 138, 144201.	3.0	23
5	Photodissociation dynamics of the methyl perthiyl radical at 248 and 193 nm using fast-beam photofragment translational spectroscopy. Journal of Chemical Physics, 2016, 145, 024305.	3.0	14
6	Quantum-state-resolved studies of aqueous evaporation dynamics: NO ejection from a liquid water microjet. Journal of Chemical Physics, 2019, 150, 044201.	3.0	12
7	Photodissociation Dynamics of the Thiophenoxy Radical at 248, 193, and 157 nm. Journal of Physical Chemistry A, 2013, 117, 11970-11978.	2.5	11
8	D-Atom Products in Predissociation of CD ₂ CD ₂ OH from the 202~215 nm Photodissociation of 2-Bromoethanol. Journal of Physical Chemistry A, 2010, 114, 5453-5461.	2.5	10
9	Investigation of 3-fragment photodissociation of O ₃ at 193.4 and 157.6 nm by coincident measurements. Journal of Chemical Physics, 2014, 140, 234304.	3.0	7
10	Investigation of the two- and three-fragment photodissociation of the <i>tert</i> -butyl peroxy radical at 248 nm. Journal of Chemical Physics, 2017, 147, 134304.	3.0	5
11	Determination of the absolute concentration of B, Al, Ga, and Si atoms in a nonequilibrium plasma by the reabsorption-distorted intensity ratios in resonance multiplets. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rggBT /Over	3.0	5
12	Determination of the electronic-vibrational-rotational terms of diatomic molecules from measured wave numbers. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2005, 99, 890-896.	0.6	4
13	Determination of rovibronic term values of a diatomic molecule from experimental data on the wavenumbers of spectral lines. JETP Letters, 2005, 81, 371-374.	1.4	3
14	Photodissociation Dynamics of the <i>i</i> -Methylvinoxy Radical at 308, 248, and 225 nm Using Fast Beam Photofragment Translational Spectroscopy. Journal of Physical Chemistry A, 2017, 121, 579-586.	2.5	2