

Igor B Bykhalo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

95
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of thermoluminescence spectra of impurity ⁺ helium condensates containing stabilized nitrogen and oxygen atoms. <i>Low Temperature Physics</i> , 2012, 38, 688-699.	0.6	17
2	Optical and Electron Spin Resonance Studies of Xenon ⁺ Nitrogen ⁺ Helium Condensates Containing Nitrogen and Oxygen Atoms. <i>Journal of Physical Chemistry A</i> , 2015, 119, 2438-2448.	2.5	14
3	Spectroscopic observation of nitrogen anions N ⁻ in solid matrices. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16013-16020.	2.8	14
4	Energy Release Channels During Destruction of Impurity-Helium Condensates. <i>Journal of Low Temperature Physics</i> , 2013, 171, 302-308.	1.4	11
5	On charged impurity structures in liquid helium. <i>Low Temperature Physics</i> , 2016, 42, 224-229.	0.6	11
6	Comparative study of thermo-stimulated luminescence and electron emission of nitrogen nanoclusters and films. <i>Low Temperature Physics</i> , 2013, 39, 451-455.	0.6	9
7	Kinetics study of two-channel hydrogen and deuterium atom reactions with interhalogen molecules. <i>Russian Chemical Bulletin</i> , 1994, 43, 1637-1645.	1.5	7
8	Optical spectroscopy and current detection during warm-up and destruction of impurity ⁺ helium condensates. <i>Low Temperature Physics</i> , 2015, 41, 419-423.	0.6	6
9	Capture of Superfluid Helium by Porous Structures. <i>Journal of Low Temperature Physics</i> , 2008, 150, 511-515.	1.4	3
10	Studies of charging mechanisms in impurity-helium condensates by means of impedance spectroscopy and current spectroscopy. <i>Low Temperature Physics</i> , 2019, 45, 276-281.	0.6	2
11	Luminescence of molecular nitrogen in cryogenic plasmas. <i>Low Temperature Physics</i> , 2019, 45, 732-736.	0.6	1