

Ivan A Pshenichnyuk

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

240
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerically exact, time-dependent treatment of vibrationally coupled electron transport in single-molecule junctions. <i>Journal of Chemical Physics</i> , 2011, 135, 244506.	3.0	71
2	Charge Transport in Pentacene–Graphene Nanojunctions. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 809-814.	4.6	48
3	Temporary anion states and dissociative electron attachment to nitrobenzene derivatives. <i>International Journal of Mass Spectrometry</i> , 2007, 264, 22-37.	1.5	29
4	Motor effect in electron transport through a molecular junction with torsional vibrations. <i>Physical Review B</i> , 2011, 83, .	3.2	26
5	Temperature dependence of the mean autodetachment lifetime of the p-benzoquinone molecular radical anion. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 383-386.	1.5	20
6	Towards Deep Integration of Electronics and Photonics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4834.	2.5	12
7	Static and dynamic properties of heavily doped quantum vortices. <i>New Journal of Physics</i> , 2017, 19, 105007.	2.9	10
8	Edge-plasmon assisted electro-optical modulator. <i>Physical Review B</i> , 2019, 100, .	3.2	10
9	Broadband silicon grating couplers with high efficiency and a robust design. <i>Optics Letters</i> , 2022, 47, 3339.	3.3	5
10	Pair interactions of heavy vortices in quantum fluids. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 523-527.	2.1	4
11	Fine-tuning of the electro-optical switching behavior in indium tin oxide. <i>Physical Review B</i> , 2021, 103, .	3.2	4
12	Inverse design couplers for the excitation of odd plasmonic pairs in thin semiconducting films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 414, 127639.	2.1	1