

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