

# Andrey A Vyshnevyy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7848301/publications.pdf>

Version: 2024-02-01

23  
papers

352  
citations

932766

10  
h-index

839053

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband optical properties of monolayer and bulk MoS <sub>2</sub> . Npj 2D Materials and Applications, 2020, 4, .	3.9	112
2	Topological phase singularities in atomically thin high-refractive-index materials. Nature Communications, 2022, 13, 2049.	5.8	43
3	Enhancing the brightness of electrically driven single-photon sources using color centers in silicon carbide. Npj Quantum Information, 2018, 4, .	2.8	40
4	Optical Constants of Chemical Vapor Deposited Graphene for Photonic Applications. Nanomaterials, 2021, 11, 1230.	1.9	26
5	Lasing threshold of thresholdless and non-thresholdless metal-semiconductor nanolasers. Optics Express, 2018, 26, 33473.	1.7	25
6	Self-Heating and Cooling of Active Plasmonic Waveguides. ACS Photonics, 2016, 3, 51-57.	3.2	17
7	Optical Constants and Structural Properties of Epitaxial MoS <sub>2</sub> Monolayers. Nanomaterials, 2021, 11, 1411.	1.9	17
8	Broadband Optical Properties of Atomically Thin PtS <sub>2</sub> and PtSe <sub>2</sub> . Nanomaterials, 2021, 11, 3269.	1.9	13
9	Two-particle entanglement in capacitively coupled Mach-Zehnder interferometers. Physical Review B, 2013, 87, .	1.1	12
10	Broadband Optical Constants and Nonlinear Properties of SnS <sub>2</sub> and SnSe <sub>2</sub> . Nanomaterials, 2022, 12, 141.	1.9	11
11	Hybrid Metal-Dielectric-Metal Sandwiches for SERS Applications. Nanomaterials, 2021, 11, 3205.	1.9	8
12	Spontaneous Emission and Fundamental Limitations on the Signal-to-Noise Ratio in Deep-Subwavelength Plasmonic Waveguide Structures with Gain. Physical Review Applied, 2016, 6, .	1.5	7
13	Setup of three Mach-Zehnder interferometers for production and observation of Greenberger-Horne-Zeilinger entanglement of electrons. Physical Review B, 2013, 87, .	1.1	6
14	Hybrid Electro-Optical Pumping of Active Plasmonic Nanostructures. Nanomaterials, 2020, 10, 856.	1.9	4
15	Noise reduction in plasmonic amplifiers. Applied Physics Express, 2018, 11, 062002.	1.1	3
16	Comment on "Thermal, Quantum Antibunching and Lasing Thresholds from Single Emitters to Macroscopic Devices". Physical Review Letters, 2022, 128, 029401.	2.9	3
17	Electrically Driven Single-Photon Sources Based on Color Centers in Silicon Carbide: Pursuing Gigacount-Per-Second Emission Rates. , 2019, , .		2
18	Gain-dependent Purcell enhancement, breakdown of Einstein's relations, and superradiance in nanolasers. Physical Review B, 2022, 105, .	1.1	2

#	ARTICLE	IF	CITATIONS
19	Controlling noise in plasmonic structures with gain. AIP Conference Proceedings, 2017, , .	0.3	1
20	Postselective measurement of the electronic entanglement in the system of two Mach-Zehnder interferometers with coulomb interaction. JETP Letters, 2013, 98, 507-513.	0.4	0
21	Self-Heating Induced Bistability in Metal-Clad Semiconductor Nanolasers. , 2018, , .		0
22	Elusive Coherence of Metal-Semiconductor Nanolasers. , 2020, , .		0
23	Hybrid Electro-Optical Pumping of Active Plasmonic Nanostructures. , 2021, , .		0