

Dmitry V Permyakov

List of Publications by Year in descending order

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21
papers

673
citations

1039406

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996533

15
g-index

21
all docs

21
docs citations

21
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and Electric Hotspots with Silicon Nanodimers. Nano Letters, 2015, 15, 2137-2142.	4.5	361
2	Polarization control over electric and magnetic dipole resonances of dielectric nanoparticles on metallic films. Laser and Photonics Reviews, 2016, 10, 799-806.	4.4	81
3	Probing magnetic and electric optical responses of silicon nanoparticles. Applied Physics Letters, 2015, 106, .	1.5	62
4	Effective surface conductivity of optical hyperbolic metasurfaces: from far-field characterization to surface wave analysis. Scientific Reports, 2018, 8, 14135.	1.6	31
5	Polarization-resolved characterization of plasmon waves supported by an anisotropic metasurface. Optics Express, 2017, 25, 32631.	1.7	28
6	Steering of Guided Light with Dielectric Nanoantennas. ACS Photonics, 2020, 7, 680-686.	3.2	28
7	Stimulated Raman Scattering from Mie-Resonant Subwavelength Nanoparticles. Nano Letters, 2020, 20, 5786-5791.	4.5	22
8	Direct Imaging of Isofrequency Contours of Guided Modes in Extremely Anisotropic All-Dielectric Metasurface. ACS Photonics, 2019, 6, 510-515.	3.2	14
9	Mapping electromagnetic fields near a subwavelength hole. JETP Letters, 2014, 99, 622-626.	0.4	13
10	Crucial Role of Metal Surface Morphology in Photon Emission from a Tunnel Junction at Ambient Conditions. Journal of Physical Chemistry C, 2019, 123, 8813-8817.	1.5	8
11	Scanning Tunneling Microscopy-Induced Light Emission and $\langle i \rangle \langle i \rangle \langle i \rangle$ Study of Optical Near-Field Properties of Single Plasmonic Nanoantennas. Journal of Physical Chemistry Letters, 2021, 12, 501-507.	2.1	7
12	Visualization of Isofrequency Contours of Strongly Localized Waveguide Modes in Planar Dielectric Structures. JETP Letters, 2018, 107, 10-14.	0.4	6
13	Indirect Detection of the Light Emission in the Local Tunnel Junction. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900607.	1.2	6
14	Nanoscale Electrically Driven Light Source Based on Hybrid Semiconductor/Metal Nanoantenna. Journal of Physical Chemistry Letters, 2022, 13, 4612-4620.	2.1	5
15	Measuring full complex dispersion of guided modes and surface waves in planar photonic structures. AIP Conference Proceedings, 2020, , .	0.3	1
16	Dark-field spectroscopy of whispering gallery mode cavities. , 2015, , .		0
17	Direct measurements of magnetic and electric optical responses from silicon nanoparticles. , 2015, , .		0
18	Polarization and angle dependent enhancement of Raman scattering from silicon nanodisks. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Direct imaging of isofrequency contours in all-dielectric optical metasurface. Journal of Physics: Conference Series, 2018, 1092, 012116.	0.3	0
20	Indirect observation of the light emission in the tunnel junction with metal nanodisk. AIP Conference Proceedings, 2020, , .	0.3	0
21	Plasmonic anisotropic metasurfaces: from far-field measurements to near-field properties. , 2018, , .		0