

Valentina Krachmalnicoff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5021542/publications.pdf>

Version: 2024-02-01

24
papers

1,190
citations

623734

14
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Hanbury Brown-Twiss effect for bosons and fermions. <i>Nature</i> , 2007, 445, 402-405.	27.8	315
2	Electromagnetic density of states in complex plasmonic systems. <i>Surface Science Reports</i> , 2015, 70, 1-41.	7.2	151
3	Fluctuations of the Local Density of States Probe Localized Surface Plasmons on Disordered Metal Films. <i>Physical Review Letters</i> , 2010, 105, 183901.	7.8	142
4	Observation of Atom Pairs in Spontaneous Four-Wave Mixing of Two Colliding Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2007, 99, 150405.	7.8	128
5	Sub-Poissonian Number Differences in Four-Wave Mixing of Matter Waves. <i>Physical Review Letters</i> , 2010, 105, 190402.	7.8	67
6	Enhancement and Inhibition of Spontaneous Photon Emission by Resonant Silicon Nanoantennas. <i>Physical Review Applied</i> , 2016, 6, .	3.8	65
7	Spontaneous Four-Wave Mixing of de Broglie Waves: Beyond Optics. <i>Physical Review Letters</i> , 2010, 104, 150402.	7.8	47
8	Present status of the fine-structure frequencies of the 23P helium level. <i>Canadian Journal of Physics</i> , 2005, 83, 301-310.	1.1	46
9	Long-Range Plasmon-Assisted Energy Transfer between Fluorescent Emitters. <i>Physical Review Letters</i> , 2016, 116, 037401.	7.8	42
10	Mapping the Radiative and the Apparent Nonradiative Local Density of States in the Near Field of a Metallic Nanoantenna. <i>ACS Photonics</i> , 2015, 2, 189-193.	6.6	35
11	Towards a full characterization of a plasmonic nanostructure with a fluorescent near-field probe. <i>Optics Express</i> , 2013, 21, 11536.	3.4	30
12	Distance dependence of the local density of states in the near field of a disordered plasmonic film. <i>Optics Letters</i> , 2012, 37, 3006.	3.3	20
13	Near-Field and Far-Field Thermal Emission of an Individual Patch Nanoantenna. <i>Physical Review Letters</i> , 2018, 121, 243901.	7.8	20
14	Near-field to far-field characterization of speckle patterns generated by disordered nanomaterials. <i>Optics Express</i> , 2016, 24, 7019.	3.4	18
15	Relocating Single Molecules in Super-Resolved Fluorescence Lifetime Images near a Plasmonic Nanostructure. <i>ACS Photonics</i> , 2020, 7, 393-400.	6.6	15
16	Correlated blinking of fluorescent emitters mediated by single plasmons. <i>Physical Review A</i> , 2017, 95, .	2.5	14
17	Cram�r-Rao analysis of lifetime estimations in time-resolved fluorescence microscopy. <i>Optics Express</i> , 2019, 27, 21239.	3.4	13
18	Super-resolution imaging: when biophysics meets nanophotonics. <i>Nanophotonics</i> , 2022, 11, 169-202.	6.0	6

#	ARTICLE	IF	CITATIONS
19	Transition from Phononic to Geometrical Mie Modes Measured in Single Subwavelength Polar Dielectric Spheres. ACS Photonics, 2022, 9, 2295-2303.	6.6	5
20	Imaging light scattered by a subwavelength nanofiber, from near field to far field. Optics Express, 2019, 27, 350.	3.4	4
21	One-Shot Measurement of the Three-Dimensional Electromagnetic Field Scattered by a Subwavelength Aperture Tip Coupled to the Environment. ACS Photonics, 2018, 5, 1539-1545.	6.6	3
22	Quantitative Measurement of the Thermal Contact Resistance between a Glass Microsphere and a Plate. Physical Review Applied, 2021, 15, .	3.8	3
23	Near-Field Scanning Optical Microscope Combined with Digital Holography for Three-Dimensional Electromagnetic Field Reconstruction. Biological and Medical Physics Series, 2019, , 113-136.	0.4	1
24	Single-molecule imaging of LDOS modification by an array of plasmonic nanochimneys. , 2021, , .		0