Valentina Krachmalnicoff

List of Publications by Year
in descending order

24	1,190	623734 14	642732 23
papers	citations	h-index	g-index

24	24	24	1534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Super-resolution imaging: when biophysics meets nanophotonics. Nanophotonics, 2022, 11, 169-202.	6.0	6
2	Transition from Phononic to Geometrical Mie Modes Measured in Single Subwavelength Polar Dielectric Spheres. ACS Photonics, 2022, 9, 2295-2303.	6.6	5
3	Single-molecule imaging of LDOS modification by an array of plasmonic nanochimneys. , 2021, , .		0
4	Quantitative Measurement of the Thermal Contact Resistance between a Glass Microsphere and a Plate. Physical Review Applied, 2021, 15, .	3.8	3
5	Relocating Single Molecules in Super-Resolved Fluorescence Lifetime Images near a Plasmonic Nanostructure. ACS Photonics, 2020, 7, 393-400.	6.6	15
6	Imaging light scattered by a subwavelength nanofiber, from near field to far field. Optics Express, 2019, 27, 350.	3.4	4
7	CramÃ©r-Rao analysis of lifetime estimations in time-resolved fluorescence microscopy. Optics Express, 2019, 27, 21239.	3.4	13
8	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
9	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
10	Near-Field and Far-Field Thermal Emission of an Individual Patch Nanoantenna. Physical Review Letters, 2018, 121, 243901.	7.8	20
11	Correlated blinking of fluorescent emitters mediated by single plasmons. Physical Review A, 2017, 95, .	2.5	14
12	Enhancement and Inhibition of Spontaneous Photon Emission by Resonant Silicon Nanoantennas. Physical Review Applied, 2016, 6, .	3.8	65
13	Long-Range Plasmon-Assisted Energy Transfer between Fluorescent Emitters. Physical Review Letters, 2016, 116, 037401.	7.8	42
14	Near-field to far-field characterization of speckle patterns generated by disordered nanomaterials. Optics Express, 2016, 24, 7019.	3.4	18
15	Mapping the Radiative and the Apparent Nonradiative Local Density of States in the Near Field of a Metallic Nanoantenna. ACS Photonics, 2015, 2, 189-193.	6.6	35
16	Electromagnetic density of states in complex plasmonic systems. Surface Science Reports, 2015, 70, 1-41.	7.2	151
17	Towards a full characterization of a plasmonic nanostructure with a fluorescent near-field probe. Optics Express, 2013, 21, 11536.	3.4	30
18	Distance dependence of the local density of states in the near field of a disordered plasmonic film. Optics Letters, 2012, 37, 3006.	3.3	20

#	Article	IF	Citations
19	Spontaneous Four-Wave Mixing of de Broglie Waves: Beyond Optics. Physical Review Letters, 2010, 104, 150402.	7.8	47
20	Sub-Poissonian Number Differences in Four-Wave Mixing of Matter Waves. Physical Review Letters, 2010, 105, 190402.	7.8	67
21	Fluctuations of the Local Density of States Probe Localized Surface Plasmons on Disordered Metal Films. Physical Review Letters, 2010, 105, 183901.	7.8	142
22	Observation of Atom Pairs in Spontaneous Four-Wave Mixing of Two Colliding Bose-Einstein Condensates. Physical Review Letters, 2007, 99, 150405.	7.8	128
23	Comparison of the Hanbury Brownâ€“Twiss effect for bosons and fermions. Nature, 2007, 445, 402-405.	27.8	315
24	Present status of the fine-structure frequencies of the 23P helium level. Canadian Journal of Physics, 2005, 83, 301-310.	1.1	46