Vishva Ray

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11181518/publications.pdf

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14 papers	2,154 citations	840776 11 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	3334 citing authors

#	Article	IF	Citations
1	Plasmonic Metasurfaces with High UVâ€“Vis Transmittance for Photopatterning of Designer Molecular Orientations. Advanced Optical Materials, 2019, 7, 1900117.	7.3	17
2	Linear polarization distinguishing metalens in visible wavelength. Optics Letters, 2019, 44, 399.	3.3	6
3	Continuous achromatic flat subwavelength grating lens over whole visible bandwidths. , 2019, , .		0
4	Achromatic Flat Subwavelength Grating Lens Over Whole Visible Bandwidths. IEEE Photonics Technology Letters, 2018, 30, 955-958.	2.5	22
5	Polarization rotation with ultra-thin bianisotropic metasurfaces. Optica, 2016, 3, 427.	9.3	74
6	Breaking Malusâ€™ law: Highly efficient, broadband, and angular robust asymmetric light transmitting metasurface. Laser and Photonics Reviews, 2016, 10, 791-798.	8.7	38
7	Energy-filtered cold electron transport at room temperature. Nature Communications, 2014, 5, 4745.	12.8	23
8	High Performance Bianisotropic Metasurfaces: Asymmetric Transmission of Light. Physical Review Letters, 2014, 113, 023902.	7.8	317
9	Nanoimprinted substrates for high-yield production of topological insulator nanoribbons. Applied Physics A: Materials Science and Processing, 2013, 111, 755-766.	2.3	4
10	Rapid electronic detection of probe-specific microRNAs using thin nanopore sensors. Nature Nanotechnology, 2010, 5, 807-814.	31.5	632
11	DNA Translocation through Graphene Nanopores. Nano Letters, 2010, 10, 2915-2921.	9.1	846
12	CMOS-compatible fabrication of room-temperature single-electron devices. Nature Nanotechnology, 2008, 3, 603-608.	31.5	81
13	Single-particle placement via self-limiting electrostatic gating. Applied Physics Letters, 2008, 93, 073110.	3.3	14
14	Electrostatic Funneling for Precise Nanoparticle Placement:Â A Route to Wafer-Scale Integration. Nano Letters, 2007, 7, 439-445.	9.1	80