

# Subir K Ray

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2428252/publications.pdf>

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14  
papers

117  
citations

1684188

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h-index

1474206

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g-index

15  
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15  
docs citations

15  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse spin and transverse momentum in scattering of plane waves. <i>Optics Letters</i> , 2016, 41, 4499.	3.3	29
2	Complete polarization characterization of single plasmonic nanoparticle enabled by a novel Dark-field Mueller matrix spectroscopy system. <i>Scientific Reports</i> , 2016, 6, 26466.	3.3	27
3	Polarization-Tailored Fano Interference in Plasmonic Crystals: A Mueller Matrix Model of Anisotropic Fano Resonance. <i>ACS Nano</i> , 2017, 11, 1641-1648.	14.6	22
4	Safeguarding long-lived excitons from excimer traps in H-aggregated dye-assemblies. <i>Chemical Science</i> , 2020, 11, 5710-5715.	7.4	15
5	Tunable Fano resonance using weak-value amplification with asymmetric spectral response as a natural pointer. <i>Physical Review A</i> , 2018, 97, .	2.5	11
6	“Dial” Emission from a Unique Flexible Material with Polarization Tuneable Spectral Intensity. <i>Chemistry - A European Journal</i> , 2019, 25, 13514-13522.	3.3	6
7	Attenuation and retardance signature of plasmonic gold nanorods in turbid media revealed by Mueller matrix polarimetry. <i>Scientific Reports</i> , 2021, 11, 20017.	3.3	3
8	Controlling Fano resonances using the geometrical phase of light in spatially tailored waveguided plasmonic crystals. <i>Physical Review A</i> , 2019, 100, .	2.5	2
9	Quantitative Plasmon Polarimetry and Spin Optical Effects in Plasmonics. <i>Current Nanomaterials</i> , 2017, 2, .	0.4	1
10	Fano Resonance in Plasmonic Crystals Enables High-Sensitive Arsenite Detection. <i>Plasmonics</i> , 0, , .	3.4	1
11	Mueller Matrix Approach for Engineering Asymmetric Fano-resonance Line Shape in Anisotropic Optical System. <i>Springer Series in Optical Sciences</i> , 2018, , 57-83.	0.7	0
12	Frontispiece: “Dial” Emission from a Unique Flexible Material with Polarization Tuneable Spectral Intensity. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
13	Spectropolarimetry of single plasmonic nanostructures. <i>SPIE Newsroom</i> , 0, , .	0.1	0
14	Circular dichroism of electrons photoemitted from an emitter array of Au nanospirals. , 2019, , .		0