

# Shubham Chandel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2743348/publications.pdf>

Version: 2024-02-01

15  
papers

264  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous self-repair in piezoelectric molecular crystals. <i>Science</i> , 2021, 373, 321-327.	12.6	72
2	Analysis of tissue microstructure with Mueller microscopy: logarithmic decomposition and Monte Carlo modeling. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	24
3	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
4	Mueller matrix spectroscopy of fano resonance in plasmonic oligomers. <i>Optics Communications</i> , 2019, 432, 84-90.	2.1	5
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	Studying the Crystallization of Polyoxometalates from Colloidal Softoxometalates. <i>Crystal Growth and Design</i> , 2018, 18, 4068-4075.	3.0	16
7	Quantitative polarimetric studies of Plasmonic quasicrystals. , 2018, , .		0
8	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
9	Quantitative Plasmon Polarimetry and Spin Optical Effects in Plasmonics. <i>Current Nanomaterials</i> , 2017, 2, .	0.4	1
10	Tunable Spin dependent beam shift by simultaneously tailoring geometric and dynamical phases of light in inhomogeneous anisotropic medium. <i>Scientific Reports</i> , 2016, 6, 39582.	3.3	7
11	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
12	Probing intrinsic anisotropies of fluorescence: Mueller matrix approach. <i>Journal of Biomedical Optics</i> , 2015, 20, 085005.	2.6	10
13	Visualizing Phase Transition Behavior of Dilute Stimuli Responsive Polymer Solutions via Mueller Matrix Polarimetry. <i>Analytical Chemistry</i> , 2015, 87, 9120-9125.	6.5	8
14	Quantitative fluorescence and elastic scattering tissue polarimetry using an Eigenvalue calibrated spectroscopic Mueller matrix system. <i>Optics Express</i> , 2013, 21, 15475.	3.4	52
15	Development and eigenvalue calibration of an automated spectral Mueller matrix system for biomedical polarimetry. <i>Proceedings of SPIE</i> , 2012, , .	0.8	7