

# Ashutosh Mukherjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6301549/publications.pdf>

Version: 2024-02-01

12  
papers

107  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination and Monitoring of Quality Parameters: A Detailed Study of Optical Elements of a Lens-Based Raman Spectrometer. <i>Applied Spectroscopy</i> , 2022, 76, 199-206.	2.2	2
2	Chemical Imaging of Single Anisotropic Polystyrene/Poly (Methacrylate) Microspheres with Complex Hierarchical Architecture. <i>Polymers</i> , 2021, 13, 1438.	4.5	2
3	Anisotropic and Amphiphilic Mesoporous Core–Shell Silica Microparticles Provide Chemically Selective Environments for Simultaneous Delivery of Curcumin and Quercetin. <i>Langmuir</i> , 2021, 37, 13460-13470.	3.5	5
4	Systematic Investigation of Polyurethane Biomaterial Surface Roughness on Human Immune Responses <i>in vitro</i> . <i>BioMed Research International</i> , 2020, 2020, 1-15.	1.9	11
5	Flexoelectric and local heating effects on CdSe nanocrystals in amorphous $\text{As}_2\text{Se}_3$ films. <i>Materials Research Express</i> , 2019, 6, 095913.	1.6	6
6	The role of a plasmonic substrate on the enhancement and spatial resolution of tip-enhanced Raman scattering. <i>Faraday Discussions</i> , 2019, 214, 309-323.	3.2	33
7	Ion-Induced Defects in Graphite: A Combined Kelvin Probe and Raman Microscopy Investigation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900055.	1.8	8
8	Flexible plasmonic graphene oxide/heterostructures for dual-channel detection. <i>Analyst</i> , The, 2019, 144, 3297-3306.	3.5	18
9	Laser-Induced Formation of CdS Crystallites in Cd-Doped Amorphous Arsenic Sulfide Thin Films. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1800298.	1.5	12
10	Probing interlayer excitons in a vertical van der Waals p-n junction using a scanning probe microscopy technique. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 114001.	1.8	6
11	Reduced Graphene Oxide Nanostructures by Light: Going Beyond the Diffraction Limit. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012124.	0.4	0
12	Optical Absorption Imaging by Photothermal Expansion with 4 nm Resolution. <i>ACS Photonics</i> , 2018, 5, 3338-3346.	6.6	4