

Ashutosh Mukherjee

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

107
citations

1477746

6
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

157
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 1.6 | 33 |
| 2 | Flexible plasmonic graphene oxide/heterostructures for dual-channel detection. <i>Analyst</i> , The, 2019, 144, 3297-3306. | 1.7 | 18 |
| 3 | 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. | 0.7 | 12 |
| 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. | 0.9 | 11 |
| 5 | 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. | 0.8 | 8 |
| 6 | Flexoelectric and local heating effects on CdSe nanocrystals in amorphous As ₂ Se ₃ films. <i>Materials Research Express</i> , 2019, 6, 095913. | 0.8 | 6 |
| 7 | 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. | 0.7 | 6 |
| 8 | 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. | 1.6 | 5 |
| 9 | Optical Absorption Imaging by Photothermal Expansion with 4 nm Resolution. <i>ACS Photonics</i> , 2018, 5, 3338-3346. | 3.2 | 4 |
| 10 | Chemical Imaging of Single Anisotropic Polystyrene/Poly (Methacrylate) Microspheres with Complex Hierarchical Architecture. <i>Polymers</i> , 2021, 13, 1438. | 2.0 | 2 |
| 11 | 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. | 1.2 | 2 |
| 12 | Reduced Graphene Oxide Nanostructures by Light: Going Beyond the Diffraction Limit. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012124. | 0.3 | 0 |