

Rohit Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

656
citations

840776

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1199594

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g-index

13
all docs

13
docs citations

13
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	Microneedle patch for the ultrasensitive quantification of protein biomarkers in interstitial fluid. <i>Nature Biomedical Engineering</i> , 2021, 5, 64-76.	22.5	173
2	Ultrabright fluorescent nanoscale labels for the femtomolar detection of analytes with standard bioassays. <i>Nature Biomedical Engineering</i> , 2020, 4, 518-530.	22.5	110
3	Polydopamine@Mesoporous Silica Core@Shell Nanoparticles for Combined Photothermal Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42499-42510.	8.0	69
4	Polydopamine/hydroxyapatite nanowire-based bilayered membrane for photothermal-driven membrane distillation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5147-5156.	10.3	61
5	Reversible Photothermal Modulation of Electrical Activity of Excitable Cells using Polydopamine Nanoparticles. <i>Advanced Materials</i> , 2021, 33, e2008809.	21.0	52
6	Plasmonic Paper Microneedle Patch for On-Patch Detection of Molecules in Dermal Interstitial Fluid. <i>ACS Sensors</i> , 2019, 4, 1569-1576.	7.8	48
7	Palladium Nanoparticle-Decorated Mesoporous Polydopamine/Bacterial Nanocellulose as a Catalytically Active Universal Dye Removal Ultrafiltration Membrane. <i>ACS Applied Nano Materials</i> , 2020, 3, 5437-5448.	5.0	36
8	Hybrid caged nanostructure ablative composites of octaphenyl-POSS/RF as heat shields. <i>RSC Advances</i> , 2015, 5, 8757-8769.	3.6	30
9	Gold Nanorod Size-Dependent Fluorescence Enhancement for Ultrasensitive Fluoroimmunoassays. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11414-11423.	8.0	29
10	Enhanced Plasmonic Photocatalysis through Synergistic Plasmonic@Photonic Hybridization. <i>ACS Photonics</i> , 2020, 7, 1994-2001.	6.6	25
11	Bioplasmonic paper@based assay for perilipin-2 non-invasively detects renal cancer. <i>Kidney International</i> , 2019, 96, 1417-1421.	5.2	16
12	Refreshable Nanobiosensor Based on Organosilica Encapsulation of Biorecognition Elements. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5420-5428.	8.0	6