

Sanjana Gopalakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

656
citations

566801

15
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676716

22
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22
all docs

22
docs citations

22
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Cytosolic Delivery of Proteins through Coengineering of Proteins and Polymeric Delivery Vehicles. <i>Journal of the American Chemical Society</i> , 2020, 142, 4349-4355.	6.6	109
2	Intracellular Activation of Bioorthogonal Nanozymes through Endosomal Proteolysis of the Protein Corona. <i>ACS Nano</i> , 2020, 14, 4767-4773.	7.3	74
3	Nanomaterial-based bioorthogonal nanozymes for biological applications. <i>Chemical Society Reviews</i> , 2021, 50, 13467-13480.	18.7	65
4	Bioorthogonal Nanozymes: Progress towards Therapeutic Applications. <i>Trends in Chemistry</i> , 2019, 1, 90-98.	4.4	63
5	Thermally Gated Bio-orthogonal Nanozymes with Supramolecularly Confined Porphyrin Catalysts for Antimicrobial Uses. <i>CheM</i> , 2020, 6, 1113-1124.	5.8	62
6	Regulation of Proteins to the Cytosol Using Delivery Systems with Engineered Polymer Architecture. <i>Journal of the American Chemical Society</i> , 2021, 143, 4758-4765.	6.6	34
7	Strategies for Fabricating Protein Films for Biomaterial Applications. <i>Advanced Sustainable Systems</i> , 2021, 5, .	2.7	28
8	Antimicrobial Peptide-Loaded Pectolite Nanorods for Enhancing Wound-Healing and Biocidal Activity of Titanium. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28764-28773.	4.0	27
9	Intracellular Activation of Anticancer Therapeutics Using Polymeric Bioorthogonal Nanocatalysts. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001627.	3.9	26
10	High-content and high-throughput identification of macrophage polarization phenotypes. <i>Chemical Science</i> , 2020, 11, 8231-8239.	3.7	23
11	Protection and Isolation of Bioorthogonal Metal Catalysts by Using Monolayer-Coated Nanozymes. <i>ChemBioChem</i> , 2020, 21, 2759-2763.	1.3	23
12	Erythrocyte-mediated delivery of bioorthogonal nanozymes for selective targeting of bacterial infections. <i>Materials Horizons</i> , 2021, 8, 3424-3431.	6.4	23
13	Dynamically crosslinked polymer nanocomposites to treat multidrug-resistant bacterial biofilms. <i>Nanoscale</i> , 2018, 10, 18651-18656.	2.8	20
14	Fabrication of Collagen Films with Enhanced Mechanical and Enzymatic Stability through Thermal Treatment in Fluorous Media. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6590-6597.	4.0	18
15	Translation of protein charge and hydrophilicity to materials surface properties using thermal treatment in fluoros media. <i>Materials Horizons</i> , 2018, 5, 268-274.	6.4	17
16	Protein-Based Films as Antifouling and Drug-Eluting Antimicrobial Coatings for Medical Implants. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48301-48307.	4.0	12
17	Cytosolic Protein Delivery Using Modular Biotin-Streptavidin Assembly of Nanocomposites. <i>ACS Nano</i> , 2022, 16, 7323-7330.	7.3	12
18	Nano Assessing Nano: Nanosensor-Enabled Detection of Cell Phenotypic Changes Identifies Nanoparticle Toxicological Effects at Ultra-Low Exposure Levels. <i>Small</i> , 2020, 16, 2002084.	5.2	7

#	ARTICLE	IF	CITATIONS
19	Tailored Functional Surfaces Using Nanoparticle and Protein “Nanobrick” Coatings. Langmuir, 2019, 35, 10993-11006.	1.6	6
20	Hypersound-Assisted Size Sorting of Microparticles on Inkjet-Patterned Protein Films. Langmuir, 2021, 37, 2826-2832.	1.6	3
21	Direct Cytosolic Delivery of Proteins Using Lyophilized and Reconstituted Polymer-Protein Assemblies. Pharmaceutical Research, 2022, , 1.	1.7	3