

Nishant Singh

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

779
citations

686830

13
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-Based Molecular Hydrogels as Supramolecular Protein Mimics. <i>Chemistry - A European Journal</i> , 2017, 23, 981-993.	1.7	147
2	Re-programming Hydrogel Properties Using a Fuel-Driven Reaction Cycle. <i>Journal of the American Chemical Society</i> , 2020, 142, 4083-4087.	6.6	102
3	Devising Synthetic Reaction Cycles for Dissipative Nonequilibrium Self-Assembly. <i>Advanced Materials</i> , 2020, 32, e1906834.	11.1	98
4	Tandem reactions in self-sorted catalytic molecular hydrogels. <i>Chemical Science</i> , 2016, 7, 5568-5572.	3.7	81
5	Insight into the esterase like activity demonstrated by an imidazole appended self-assembling hydrogelator. <i>Chemical Communications</i> , 2015, 51, 13213-13216.	2.2	74
6	Dual bioresponsive antibiotic and quorum sensing inhibitor combination nanoparticles for treatment of <i>Pseudomonas aeruginosa</i> biofilms <i>in vitro</i> and <i>ex vivo</i> . <i>Biomaterials Science</i> , 2019, 7, 4099-4111.	2.6	56
7	Stimuli-Responsive Prodrug Chemistries for Drug Delivery. <i>Advanced Therapeutics</i> , 2018, 1, 1800030.	1.6	51
8	Towards Supramolecular Catalysis with Small Self-Assembled Peptides. <i>Israel Journal of Chemistry</i> , 2015, 55, 711-723.	1.0	45
9	Chemically Fueled Self-Sorted Hydrogels. <i>Journal of the American Chemical Society</i> , 2022, 144, 410-415.	6.6	34
10	Synthesis of a Double-Network Supramolecular Hydrogel by Having One Network Catalyse the Formation of the Second. <i>Chemistry - A European Journal</i> , 2017, 23, 2018-2021.	1.7	23
11	A Simple Polymicrobial Biofilm Keratinocyte Colonization Model for Exploring Interactions Between Commensals, Pathogens and Antimicrobials. <i>Frontiers in Microbiology</i> , 2020, 11, 291.	1.5	23
12	Competition versus Cooperation in Catalytic Hydrogelators for anti-selective Mannich Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 9946-9951.	1.7	20
13	Repurposing Nonantifungal Approved Drugs for Synergistic Targeting of Fungal Pathogens. <i>ACS Infectious Diseases</i> , 2020, 6, 2950-2958.	1.8	15
14	Water Solubility Enhancement of Pyrazolo[3,4- <i>d</i>]pyrimidine Derivatives via Miniaturized Polymer-Drug Microarrays. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 193-197.	1.3	10