

Dan Yuan

List of Publications by Year in descending order

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19
papers

1,387
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1526
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging enzyme-triggered self-assembly of small molecules inside live cells. <i>Nature Communications</i> , 2012, 3, 1033.	12.8	411
2	Pericellular Hydrogel/Nanonets Inhibit Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8104-8107.	13.8	280
3	Enzyme-Instructed Intracellular Molecular Self-Assembly to Boost Activity of Cisplatin against Drug-Resistant Ovarian Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13307-13311.	13.8	158
4	<scp>d</scp>-Amino Acids Modulate the Cellular Response of Enzymatic-Instructed Supramolecular Nanofibers of Small Peptides. <i>Biomacromolecules</i> , 2014, 15, 3559-3568.	5.4	98
5	Mixing Biomimetic Heterodimers of Nucleopeptides to Generate Biocompatible and Biostable Supramolecular Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5705-5708.	13.8	71
6	Ligand-Receptor Interaction Catalyzes the Aggregation of Small Molecules To Induce Cell Necroptosis. <i>Journal of the American Chemical Society</i> , 2015, 137, 26-29.	13.7	42
7	Ligand-Receptor Interaction Modulates the Energy Landscape of Enzyme-Instructed Self-Assembly of Small Molecules. <i>Journal of the American Chemical Society</i> , 2016, 138, 15397-15404.	13.7	42
8	Supramolecular Glycosylation Accelerates Proteolytic Degradation of Peptide Nanofibrils. <i>Journal of the American Chemical Society</i> , 2015, 137, 10092-10095.	13.7	32
9	Interactions between cellular proteins and morphologically different nanoscale aggregates of small molecules. <i>RSC Advances</i> , 2013, 3, 7704.	3.6	30
10	Heterotypic supramolecular hydrogels. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5638-5649.	5.8	28
11	Enzyme-instructed self-assembly of hydrogelators consisting of nucleobases, amino acids, and saccharide. <i>RSC Advances</i> , 2014, 4, 26487.	3.6	23
12	Synthesis of novel conjugates of a saccharide, amino acids, nucleobase and the evaluation of their cell compatibility. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2406-2413.	2.2	18
13	The enzyme-instructed assembly of the core of yeast prion Sup35 to form supramolecular hydrogels. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1318-1323.	5.8	11
14	Enzymatic Dissolution of Biocomposite Solids Consisting of Phosphopeptides to Form Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , 2015, 21, 18047-18051.	3.3	10
15	Enzyme transformation to modulate the ligand-receptor interactions between small molecules. <i>Chemical Communications</i> , 2015, 51, 4899-4901.	4.1	10
16	Length-dependent proteolytic cleavage of short oligopeptides catalyzed by matrix metalloprotease-9. <i>Biopolymers</i> , 2013, 100, 790-795.	2.4	8
17	Supramolecular Detoxification of Neurotoxic Nanofibrils of Small Molecules via Morphological Switch. <i>Bioconjugate Chemistry</i> , 2015, 26, 1879-1883.	3.6	7
18	Synthesis and evaluation of the biostability and cell compatibility of novel conjugates of nucleobase, peptidic epitope, and saccharide. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1352-1359.	2.2	6

#	ARTICLE	IF	CITATIONS
19	A General Method to Prepare Peptide-Based Supramolecular Hydrogels. <i>Methods in Molecular Biology</i> , 2018, 1777, 175-180.	0.9	0