

Sigal Rencus-Lazar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/36513/publications.pdf>

Version: 2024-02-01

20
papers

561
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17164-17170.	13.8	69
2	Organization of Amino Acids into Layered Supramolecular Secondary Structures. <i>Accounts of Chemical Research</i> , 2018, 51, 2187-2197.	15.6	65
3	Coassembly-Induced Transformation of Dipeptide Amyloid-Like Structures into Stimuli-Responsive Supramolecular Materials. <i>ACS Nano</i> , 2020, 14, 7181-7190.	14.6	62
4	High-Efficiency Fluorescence through Bioinspired Supramolecular Self-Assembly. <i>ACS Nano</i> , 2020, 14, 2798-2807.	14.6	49
5	Guest Molecule-Mediated Energy Harvesting in a Conformationally Sensitive Peptide-Metal Organic Framework. <i>Journal of the American Chemical Society</i> , 2022, 144, 3468-3476.	13.7	49
6	Rigid Tightly Packed Amino Acid Crystals as Functional Supramolecular Materials. <i>ACS Nano</i> , 2019, 13, 14477-14485.	14.6	48
7	Enhanced Fluorescence for Bioassembly by Environment-Switching Doping of Metal Ions. <i>Advanced Functional Materials</i> , 2020, 30, 1909614.	14.9	33
8	Yeast Models for the Study of Amyloid-Associated Disorders and Development of Future Therapy. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 15.	3.5	31
9	Nanomechanical Properties and Phase Behavior of Phenylalanine Amyloid Ribbon Assemblies and Amorphous Self-Healing Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21992-22001.	8.0	28
10	Functional metabolite assemblies—a review. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	20
11	Kinetic and Thermodynamic Driving Factors in the Assembly of Phenylalanine-Based Modules. <i>ACS Nano</i> , 2021, 15, 18305-18311.	14.6	19
12	Bioinspired Supramolecular Packing Enables High Thermo-Sustainability. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19037-19041.	13.8	18
13	Self-Assembly of Cyclic Dipeptides: Platforms for Functional Materials. <i>Protein and Peptide Letters</i> , 2020, 27, 688-697.	0.9	15
14	Induction of retinopathy by fibrillar oxalate assemblies. <i>Communications Chemistry</i> , 2020, 3, .	4.5	14
15	Microbial Prions: Dawn of a New Era. <i>Trends in Biochemical Sciences</i> , 2021, 46, 391-405.	7.5	12
16	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie</i> , 2021, 133, 17301-17307.	2.0	12
17	Advances in Self-Assembly of Metabolite Nanostructures: Physiology, Pathology and Nanotechnology. <i>ChemNanoMat</i> , 2022, 8, .	2.8	8
18	Metabolite medicine offers a path beyond lists of metabolites. <i>Communications Chemistry</i> , 2021, 4, .	4.5	5

#	ARTICLE	IF	CITATIONS
19	Bioinspired Supramolecular Packing Enables High Thermo- Sustainability. <i>Angewandte Chemie</i> , 2020, 132, 19199-19203.	2.0	2
20	Self-Assembled Quadruplex-Inspired Peptide Nucleic Acid Tetramer for Artificial Photosynthesis. <i>ChemPhotoChem</i> , 2020, 4, 5154-5158.	3.0	2