

Zohar A Arnon

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

786
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibitor-Mediated Structural Transition in a Minimal Amyloid Model. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202113845.	13.8	7
2	On-off transition and ultrafast decay of amino acid luminescence driven by modulation of supramolecular packing. <i>IScience</i> , 2021, 24, 102695.	4.1	18
3	Mechanical Enhancement and Kinetics Regulation of Fmoc-Diphenylalanine Hydrogels by Thioflavin-T. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25339-25345.	13.8	16
4	Modification of a Single Atom Affects the Physical Properties of Double Fluorinated Fmoc-Phe Derivatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9634.	4.1	9
5	Reevaluating the Microbial Infection Link to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 59-62.	2.6	12
6	Phase Transition and Crystallization Kinetics of a Supramolecular System in a Microfluidic Platform. <i>Chemistry of Materials</i> , 2020, 32, 8342-8349.	6.7	22
7	Co-Assembly between Fmoc Diphenylalanine and Diphenylalanine within a 3D Fibrous Viscous Network Confers Atypical Curvature and Branching. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23731-23739.	13.8	25
8	Co-Assembly between Fmoc Diphenylalanine and Diphenylalanine within a 3D Fibrous Viscous Network Confers Atypical Curvature and Branching. <i>Angewandte Chemie</i> , 2020, 132, 23939-23947.	2.0	5
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	Coassembly of Complementary Peptide Nucleic Acid into Crystalline Structures by Microfluidics. <i>Small Methods</i> , 2019, 3, 1900179.	8.6	5
11	Oligosaccharides Self-Assemble and Show Intrinsic Optical Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 4833-4838.	13.7	57
12	Rigid Tightly Packed Amino Acid Crystals as Functional Supramolecular Materials. <i>ACS Nano</i> , 2019, 13, 14477-14485.	14.6	48
13	Microfluidics for real-time direct monitoring of self- and co-assembly biomolecular processes. <i>Nanotechnology</i> , 2019, 30, 102001.	2.6	8
14	Transition of Metastable Cross- β Crystals into Cross- β Fibrils by β -Turn Flipping. <i>Journal of the American Chemical Society</i> , 2019, 141, 363-369.	13.7	22
15	Seeding of proteins into amyloid structures by metabolite assemblies may clarify certain unexplained epidemiological associations. <i>Open Biology</i> , 2018, 8, 170229.	3.6	27
16	Bionanostructures: Bioinspired Flexible and Tough Layered Peptide Crystals (<i>Adv. Mater.</i> 5/2018). <i>Advanced Materials</i> , 2018, 30, 1870035.	21.0	0
17	Bioinspired Flexible and Tough Layered Peptide Crystals. <i>Advanced Materials</i> , 2018, 30, 1704551.	21.0	28
18	Intrinsic Fluorescence of Metabolite Amyloids Allows Label-Free Monitoring of Their Formation and Dynamics in Live Cells. <i>Angewandte Chemie</i> , 2018, 130, 12624-12627.	2.0	4

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19	Opal-like Multicolor Appearance of Self-Assembled Photonic Array. ACS Applied Materials & Interfaces, 2018, 10, 20783-20789.	8.0	17
20	Intrinsic Fluorescence of Metabolite Amyloids Allows Label-Free Monitoring of Their Formation and Dynamics in Live Cells. Angewandte Chemie - International Edition, 2018, 57, 12444-12447.	13.8	67
21	Diphenylalanine as a Reductionist Model for the Mechanistic Characterization of Amyloid Modulators. ACS Nano, 2017, 11, 5960-5969.	14.6	62
22	Controlling the Physical Dimensions of Peptide Nanotubes by Supramolecular Polymer Coassembly. ACS Nano, 2016, 10, 7436-7442.	14.6	91
23	Expanding the Nanoarchitectural Diversity Through Aromatic Di- and Tri-Peptide Coassembly: Nanostructures and Molecular Mechanisms. ACS Nano, 2016, 10, 8316-8324.	14.6	84
24	Disruption of diphenylalanine assembly by a Boc-modified variant. Soft Matter, 2016, 12, 9451-9457.	2.7	23
25	Dynamic microfluidic control of supramolecular peptide self-assembly. Nature Communications, 2016, 7, 13190.	12.8	89
26	Solvent-Induced Self-Assembly of Highly Hydrophobic Tetra- and Pentaphenylalanine Peptides. Israel Journal of Chemistry, 2015, 55, 756-762.	2.3	11
27	Inhibitor-Mediated Structural Transition in a Minimal Amyloid Model. Angewandte Chemie, 0, , .	2.0	0