Zohar A Arnon

List of Publications by Year
in descending order

27	786	567281 15	580821 25
papers	citations	h-index	g-index

30	30	30	1146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlling the Physical Dimensions of Peptide Nanotubes by Supramolecular Polymer Coassembly. ACS Nano, 2016, 10, 7436-7442.	14.6	91
2	Dynamic microfluidic control of supramolecular peptide self-assembly. Nature Communications, 2016, 7, 13190.	12.8	89
3	Expanding the Nanoarchitectural Diversity Through Aromatic Di- and Tri-Peptide Coassembly: Nanostructures and Molecular Mechanisms. ACS Nano, 2016, 10, 8316-8324.	14.6	84
4	Intrinsic Fluorescence of Metabolite Amyloids Allows Labelâ€Free Monitoring of Their Formation and Dynamics in Live Cells. Angewandte Chemie - International Edition, 2018, 57, 12444-12447.	13.8	67
5	Diphenylalanine as a Reductionist Model for the Mechanistic Characterization of Î²-Amyloid Modulators. ACS Nano, 2017, 11, 5960-5969.	14.6	62
6	Oligosaccharides Self-Assemble and Show Intrinsic Optical Properties. Journal of the American Chemical Society, 2019, 141, 4833-4838.	13.7	57
7	Rigid Tightly Packed Amino Acid Crystals as Functional Supramolecular Materials. ACS Nano, 2019, 13, 14477-14485.	14.6	48
8	Bioinspired Flexible and Tough Layered Peptide Crystals. Advanced Materials, 2018, 30, 1704551.	21.0	28
9	Nanomechanical Properties and Phase Behavior of Phenylalanine Amyloid Ribbon Assemblies and Amorphous Self-Healing Hydrogels. ACS Applied Materials & Interfaces, 2020, 12, 21992-22001.	8.0	28
10	Seeding of proteins into amyloid structures by metabolite assemblies may clarify certain unexplained epidemiological associations. Open Biology, 2018, 8, 170229.	3.6	27
11	Coâ€Assembly between Fmoc Diphenylalanine and Diphenylalanine within a 3D Fibrous Viscous Network Confers Atypical Curvature and Branching. Angewandte Chemie - International Edition, 2020, 59, 23731-23739.	13.8	25
12	Disruption of diphenylalanine assembly by a Boc-modified variant. Soft Matter, 2016, 12, 9451-9457.	2.7	23
13	Transition of Metastable Cross-Î± Crystals into Cross-Î² Fibrils by Î²-Turn Flipping. Journal of the American Chemical Society, 2019, 141, 363-369.	13.7	22
14	Phase Transition and Crystallization Kinetics of a Supramolecular System in a Microfluidic Platform. Chemistry of Materials, 2020, 32, 8342-8349.	6.7	22
15	On-off transition and ultrafast decay of amino acid luminescence driven by modulation of supramolecular packing. IScience, 2021, 24, 102695.	4.1	18
16	Opal-like Multicolor Appearance of Self-Assembled Photonic Array. ACS Applied Materials & Interfaces, 2018, 10, 20783-20789.	8.0	17
17	Mechanical Enhancement and Kinetics Regulation of Fmocâ€Diphenylalanine Hydrogels by Thioflavinâ€…T. Angewandte Chemie - International Edition, 2021, 60, 25339-25345.	13.8	16
18	Reevaluating the Microbial Infection Link to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 73, 59-62.	2.6	12

#	Article	IF	Citations
19	Solventâ€Induced Selfâ€Assembly of Highly Hydrophobic Tetraâ€and Pentaphenylalanine Peptides. Israel Journal of Chemistry, 2015, 55, 756-762.	2.3	11
20	Modification of a Single Atom Affects the Physical Properties of Double Fluorinated Fmoc-Phe Derivatives. International Journal of Molecular Sciences, 2021, 22, 9634.	4.1	9
21	Microfluidics for real-time direct monitoring of self- and co-assembly biomolecular processes. Nanotechnology, 2019, 30, 102001.	2.6	8
22	Inhibitorâ€Mediated Structural Transition in a Minimal Amyloid Model. Angewandte Chemie - International Edition, 2022, 61, e202113845.	13.8	7
23	Coassembly of Complementary Peptide Nucleic Acid into Crystalline Structures by Microfluidics. Small Methods, 2019, 3, 1900179.	8.6	5
24	Coâ€Assembly between Fmoc Diphenylalanine and Diphenylalanine within a 3D Fibrous Viscous Network Confers Atypical Curvature and Branching. Angewandte Chemie, 2020, 132, 23939-23947.	2.0	5
25	Intrinsic Fluorescence of Metabolite Amyloids Allows Labelâ€Free Monitoring of Their Formation and Dynamics in Live Cells. Angewandte Chemie, 2018, 130, 12624-12627.	2.0	4
26	Bionanostructures: Bioinspired Flexible and Tough Layered Peptide Crystals (Adv. Mater. 5/2018). Advanced Materials, 2018, 30, 1870035.	21.0	0
27	Inhibitorâ€Mediated Structural Transition in a Minimal Amyloid Model. Angewandte Chemie, 0, , .	2.0	0