Zhiwei Lin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2009311/publications.pdf

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32	943	394421	477307
papers	citations	19	29
		h-index	g-index

34	34	34	1014
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine Learning-Guided Systematic Search of DNA Sequences for Sorting Carbon Nanotubes. ACS Nano, 2022, 16, 4705-4713.	14.6	10
2	Geometryâ€Directed Selfâ€Assembly of Polymeric Molecular Frameworks. Angewandte Chemie, 2021, 133, 2052-2057.	2.0	1
3	Geometryâ€Directed Selfâ€Assembly of Polymeric Molecular Frameworks. Angewandte Chemie - International Edition, 2021, 60, 2024-2029.	13.8	12
4	RÃ¼cktitelbild: Geometryâ€Directed Selfâ€Assembly of Polymeric Molecular Frameworks (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock	2.0	0
5	Divalent Multilinking Bonds Control Growth and Morphology of Nanopolymers. Nano Letters, 2021, 21, 10547-10554.	9.1	15
6	Optical Detection of Stereoselective Interactions with DNA-Wrapped Single-Wall Carbon Nanotubes. Journal of the American Chemical Society, 2021, 143, 20628-20632.	13.7	10
7	Superlattice Engineering with Chemically Precise Molecular Building Blocks. Journal of the American Chemical Society, 2021, 143, 21613-21621.	13.7	23
8	Engineering Organization of DNA Nano-Chambers through Dimensionally Controlled and Multi-Sequence Encoded Differentiated Bonds. Journal of the American Chemical Society, 2020, 142, 17531-17542.	13.7	44
9	Frontispiece: Discovery of Structural Complexity through Selfâ€Assembly of Molecules Containing Rodlike Components. Chemistry - A European Journal, 2020, 26, .	3.3	0
10	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Selfâ€Assembly of Giant Lipids. Angewandte Chemie, 2020, 132, 5264-5272.	2.0	6
11	Magnifying the Structural Components of Biomembranes: A Prototype for the Study of the Selfâ€Assembly of Giant Lipids. Angewandte Chemie - International Edition, 2020, 59, 5226-5234.	13.8	30
12	Discovery of Structural Complexity through Selfâ€Assembly of Molecules Containing Rodlike Components. Chemistry - A European Journal, 2020, 26, 6741-6756.	3.3	17
13	Continuous Curvature Change into Controllable and Responsive Onion-like Vesicles by Rigid Sphereâ€“Rod Amphiphiles. ACS Nano, 2020, 14, 1811-1822.	14.6	20
14	Giant Molecules: A Unique and Efficient Soft Matter Platform to Construct Diverse Supramolecular Nanostructures. , 2020, , 109-151.		0
15	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. Angewandte Chemie - International Edition, 2019, 58, 11879-11885.	13.8	28
16	Breaking Parallel Orientation of Rods via a Dendritic Architecture toward Diverse Supramolecular Structures. Angewandte Chemie, 2019, 131, 12005-12011.	2.0	10
17	Controllable Covalent-Bound Nanoarchitectures from DNA Frames. Journal of the American Chemical Society, 2019, 141, 6797-6801.	13.7	35
18	A Noncrystallization Approach toward Uniform Thylakoids-like 2D â€œNano-coinsâ€•and Their Grana-like 3D Suprastructures. Journal of the American Chemical Society, 2017, 139, 5883-5889.	13.7	52

#	Article	IF	Citations
19	Self-Assembled Structures of Giant Surfactants Exhibit a Remarkable Sensitivity on Chemical Compositions and Topologies for Tailoring Sub-10 nm Nanostructures. Macromolecules, 2017, 50, 303-314.	4.8	46
20	Topologically Directed Assemblies of Semiconducting Sphereâ€“Rod Conjugates. Journal of the American Chemical Society, 2017, 139, 18616-18622.	13.7	51
21	Tunable Affinity and Molecular Architecture Lead to Diverse Self-Assembled Supramolecular Structures in Thin Films. ACS Nano, 2016, 10, 919-929.	14.6	47
22	Preparation of High Performance Copolyimide Fibers via Increasing Draw Ratios. Macromolecular Materials and Engineering, 2015, 300, 1096-1107.	3.6	37
23	Charge-Regulated Spontaneous, Reversible Self-Assembly of the Carboxylic Acid-Functionalized Hydrophilic Fullerene Macroanions in Dilute Solution. Macromolecules, 2015, 48, 725-731.	4.8	29
24	Hydrogen-Bonding-Induced Nanophase Separation in Giant Surfactants Consisting of Hydrophilic [60]Fullerene Tethered to Block Copolymers at Different Locations. Macromolecules, 2015, 48, 5496-5503.	4.8	29
25	Chain Overcrowding Induced Phase Separation and Hierarchical Structure Formation in Fluorinated Polyhedral Oligomeric Silsesquioxane (FPOSS)-Based Giant Surfactants. Macromolecules, 2015, 48, 7172-7179.	4.8	35
26	Precision synthesis of macrocyclic giant surfactants tethered with two different polyhedral oligomeric silsesquioxanes at distinct ring locations via four consecutive â€œclickâ€•reactions. Polymer Chemistry, 2015, 6, 827-837.	3.9	19
27	Giant surfactants based on molecular nanoparticles: Precise synthesis and solution selfâ€assembly. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1309-1325.	2.1	69
28	â€œClickingâ€•fluorinated polyhedral oligomeric silsesquioxane onto polymers: a modular approach toward shape amphiphiles with fluorous molecular clusters. Polymer Chemistry, 2014, 5, 3588.	3.9	35
29	Asymmetric Giant â€œBolaform-likeâ€•Surfactants: Precise Synthesis, Phase Diagram, and Crystallization-Induced Phase Separation. Macromolecules, 2014, 47, 4622-4633.	4.8	46
30	Selfâ€Assembly of Fullereneâ€Based Janus Particles in Solution: Effects of Molecular Architecture and Solvent. Chemistry - A European Journal, 2014, 20, 11630-11635.	3.3	39
31	Two-Dimensional Nanocrystals of Molecular Janus Particles. Journal of the American Chemical Society, 2014, 136, 10691-10699.	13.7	117
32	Sequential â€œClickâ€•Synthesis of â€œNano-Diamond-Ring-likeâ€•Giant Surfactants Based on Functionalized Hydrophilic POSS/C₆₀ Tethered with Cyclic Polystyrenes. Macromolecules, 2014, 47, 4160-4168.	4.8	30