

Long-Yi Jin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Visible-Light Driven Photocatalytic Degradation of Organic Dyes over Ordered Mesoporous Cd ₃ ZnS Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5137-5144.	3.1	65
2	Facile and efficient synthesis of 1-haloalkynes via DBU-mediated reaction of terminal alkynes and N-haloimides under mild conditions. <i>RSC Advances</i> , 2014, 4, 30046-30049.	3.6	43
3	Ordered Nanostructures from the Self-Assembly of Reactive Coil-Rod-Coil Molecules. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 650-653.	13.8	41
4	Shape-Persistent Macromolecular Disks from Reactive Supramolecular Rod Bundles. <i>Journal of the American Chemical Society</i> , 2004, 126, 12208-12209.	13.7	34
5	Donor-acceptor interaction-driven self-assembly of amphiphilic rod-coil molecules into supramolecular nanoassemblies. <i>Nanoscale</i> , 2017, 9, 17975-17982.	5.6	29
6	Synthesis and self-assembly of coil-rod-coil molecules with lateral methyl and ethyl groups in the center of the rod segment. <i>Soft Matter</i> , 2010, 6, 5993.	2.7	28
7	Structural inversion in 3-D hexagonal organization of coil-rod-coil molecule. <i>Chemical Communications</i> , 2005, , 1197-1199.	4.1	25
8	Self-Assembly of n-Shaped Rod-Coil Molecules into Thermoresponsive Nanoassemblies: Construction of Reversible Helical Nanofibers in Aqueous Environment. <i>Macromolecules</i> , 2016, 49, 5912-5920.	4.8	24
9	Supramolecular nanostructures from self-assembly of T-shaped rod building block oligomers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5021-5028.	2.3	21
10	Synthesis and self-assembly of rod-coil molecules with n-shaped rod building block. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1415-1422.	2.3	20
11	Synthesis and self-assembly of amphiphilic bent-shaped molecules based on dibenzo[a,c]phenazine and poly(ethylene oxide) units. <i>Polymer Chemistry</i> , 2015, 6, 7395-7401.	3.9	19
12	Construction of Various Supramolecular Assemblies from Rod-Coil Molecules Containing Biphenyl and Anthracene Groups Driven by Donor-Acceptor Interactions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22529-22536.	8.0	18
13	Synthesis and self-assembly of oligomers containing cruciform 9,10-bis(arylethynyl)anthracene unit: formation of supramolecular nanostructures based on rod-length-dependent organization. <i>Tetrahedron</i> , 2014, 70, 1230-1235.	1.9	16
14	Improved color quality in double-EML WOLEDs by using a tetradentate Pt(II) complex as a green/red emitter. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3384-3390.	5.5	16
15	Tetrakis(tetrathiafulvalene-tetrathiocrown ether)porphyrazine Triads: Synthesis, Photophysical, and Electrochemical Properties. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1138-1146.	2.4	15
16	Morphological Control of Coil-Rod-Coil Molecules Containing m-Terphenyl Group: Construction of Helical Fibers and Helical Nanorings in Aqueous Solution. <i>Langmuir</i> , 2018, 34, 10613-10621.	3.5	15
17	Assembly of tetra-nuclear YbIII-containing selenotungstate clusters: synthesis, structures, and magnetic properties. <i>Dalton Transactions</i> , 2021, 50, 11535-11541.	3.3	15
18	Self-organizing p-quinquephenyl building blocks incorporating lateral hydroxyl and methoxyl groups into supramolecular nano-assemblies. <i>Soft Matter</i> , 2016, 12, 3860-3867.	2.7	14

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19	Photo-controlled reversible assemblies from rod-coil molecules with azobenzene group. <i>Dyes and Pigments</i> , 2019, 171, 107694.	3.7	14
20	Ordered nanostructures from self-assembly of H-shaped coil-rod-coil molecules. <i>Journal of Polymer Science Part A</i> , 2015, 53, 85-92.	2.3	13
21	Control of supramolecular nanoassemblies by tuning the interactions of bent-shaped rod-coil molecules. <i>Soft Matter</i> , 2017, 13, 3334-3340.	2.7	11
22	Stimuli-Responsive Supramolecular Chirality Switching and Nanoassembly Constructed by n-Shaped Amphiphilic Molecules in Aqueous Solution. <i>Langmuir</i> , 2021, 37, 1215-1224.	3.5	11
23	Self-assembly of rod-coil molecules into lateral chain-length-dependent supramolecular organization. <i>Journal of Applied Polymer Science</i> , 2012, 123, 1007-1014.	2.6	10
24	Self-assembly of coil-rod-coil molecules into bicontinuous cubic and oblique columnar assemblies depending on coil chain length. <i>European Polymer Journal</i> , 2013, 49, 3244-3250.	5.4	10
25	Metal-free C-N cross-coupling of electrophilic compounds and N-haloimides. <i>RSC Advances</i> , 2015, 5, 65600-65603.	3.6	10
26	Supramolecular helical nanostructures from self-assembly of coil-rod-coil amphiphilic molecules incorporating the dianthranide unit. <i>Soft Matter</i> , 2018, 14, 6822-6827.	2.7	10
27	Self-assembly of propeller-shaped amphiphilic molecules: control over the supramolecular morphology and photoproperties of their aggregates. <i>Soft Matter</i> , 2021, 17, 6661-6668.	2.7	10
28	Two-Dimensional Cationic Networks and Their Spherical Curvature with Tunable Opening-Closing. <i>Nano Letters</i> , 2019, 19, 9131-9137.	9.1	9
29	Ordered nanostructures from self-assembly of rod-coil oligomers with n-shaped rod and dendritic poly(ethylene oxide) coil segment. <i>Supramolecular Chemistry</i> , 2014, 26, 729-735.	1.2	8
30	Mercury ion-DNA specificity triggers a distinctive photoluminescence depression in organic semiconductor probes guided with a thymine-rich oligonucleotide sequence. <i>Nanoscale</i> , 2018, 10, 17540-17545.	5.6	8
31	Supramolecular nanostructures constructed by rod-coil molecular isomers: effect of rod sequences on molecular assembly. <i>Soft Matter</i> , 2019, 15, 6718-6724.	2.7	8
32	The relationship between molecular structure and supramolecular morphology in the self-assembly of rod-coil molecules with oligoether chains. <i>Soft Matter</i> , 2020, 16, 2224-2229.	2.7	8
33	Construction of Supramolecular Assemblies from Self-Organization of Amphiphilic Molecular Isomers. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2265-2270.	3.3	7
34	Support effect of Ni/mesoporous silica catalysts for CO ₂ reforming of CH ₄ . <i>Research on Chemical Intermediates</i> , 2018, 44, 3867-3878.	2.7	7
35	A mitochondria-tracing fluorescent probe for real-time detection of mitochondrial dynamics and hypochlorous acid in live cells. <i>Dyes and Pigments</i> , 2022, 201, 110227.	3.7	7
36	Three-dimensional crystalline supramolecular nanostructures from self-assembly of rod-coil molecules incorporating lateral carboxyl group in the middle of the rod segment. <i>Polymer International</i> , 2015, 64, 1408-1414.	3.1	6

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37	Construction of Supramolecular Nanostructures from V-Shaped Amphiphilic Rod-Coil Molecules Incorporating Phenazine Units. <i>Polymers</i> , 2017, 9, 685.	4.5	6
38	Nanoassemblies formed from amphiphilic pillar[5]arene-rod-coil macromolecules in water for the detection of aliphatic diamines. <i>Dyes and Pigments</i> , 2022, 199, 110052.	3.7	6
39	Self-organization of coil-rod-coil molecular isomers with conjugated rod segments into supramolecular honeycomb and lamellar assemblies. <i>Polymer International</i> , 2014, 63, 1070-1075.	3.1	5
40	Efficient and reusable ordered mesoporous WO _x /SnO ₂ catalyst for oxidative desulfurization of dibenzothiophene. <i>RSC Advances</i> , 2021, 11, 27453-27460.	3.6	4
41	Construction of nanoaggregates from amphiphilic supramolecules containing barbiturate and π -conjugated wedge units. <i>Polymer International</i> , 2022, 71, 478-486.	3.1	4
42	Highly Ordered Mesoporous Cobalt-Copper Composite Oxides for Preferential CO Oxidation. <i>Catalysis Surveys From Asia</i> , 2017, 21, 45-52.	2.6	2
43	The mechanism of the selective binding ability between opiate metabolites and acyclic cucurbit[4]uril: an MD/DFT study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2186-2192.	2.8	1