

kuo-chih Shih

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

472
citations

687363

13
h-index

839539

18
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21
all docs

21
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21
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Head on Comparison of Self- and Nano-Assemblies of Gamma Peptide Nucleic Acid Amphiphiles. <i>Advanced Functional Materials</i> , 2022, 32, 2109552.	14.9	8
2	Multichannel hollow carbon fibers: Processing, structure, and properties. <i>Carbon</i> , 2021, 174, 730-740.	10.3	14
3	Dual-Modality Poly- <i>l</i> -histidine Nanoparticles to Deliver Peptide Nucleic Acids and Paclitaxel for In Vivo Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45244-45258.	8.0	15
4	DNA-Mediated Step-Growth Polymerization of Bottlebrush Macromonomers. <i>Journal of the American Chemical Society</i> , 2020, 142, 10297-10301.	13.7	16
5	Templated Supramolecular Structures of Multichromic, Multiresponsive Perylene Diimide-Polydiacetylene Films. <i>Macromolecules</i> , 2020, 53, 4501-4510.	4.8	17
6	Bicelles Rich in both Sphingolipids and Cholesterol and Their Use in Studies of Membrane Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 12715-12729.	13.7	29
7	Highly Dynamic C99 Oligomeric Structure in Cholesterol and Sphingomyelin Rich Bicelles. <i>Biophysical Journal</i> , 2020, 118, 12a.	0.5	0
8	Crystalline Mesoporous Complex Oxides: Porosity-Controlled Electromagnetic Response. <i>Advanced Functional Materials</i> , 2020, 30, 1909491.	14.9	15
9	Correlation of the hierarchical structure with rheological behavior of polypseudorotaxane gel composed of pluronic and β -cyclodextrin. <i>Soft Matter</i> , 2020, 16, 4990-4998.	2.7	0
10	Chemically Controlled Helical Polymorphism in Protein Tubes by Selective Modulation of Supramolecular Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 19448-19457.	13.7	34
11	Directed polymorphism and mechanofluorochromism of conjugated materials through weak non-covalent control. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8316-8324.	5.5	27
12	Enzyme-mimetic self-catalyzed polymerization of polypeptide helices. <i>Nature Communications</i> , 2019, 10, 5470.	12.8	46
13	Polymorphism in Benzene-1,3,5-tricarboxamide Supramolecular Assemblies in Water: A Subtle Trade-off between Structure and Dynamics. <i>Journal of the American Chemical Society</i> , 2018, 140, 13308-13316.	13.7	73
14	Reversible mechanofluorochromism of aniline-terminated phenylene ethynyls. <i>Chemical Science</i> , 2018, 9, 5415-5426.	7.4	35
15	What causes the anomalous aggregation in pluronic aqueous solutions?. <i>Soft Matter</i> , 2018, 14, 7653-7663.	2.7	11
16	Sulfoethylated nanofibrillated cellulose: Production and properties. <i>Carbohydrate Polymers</i> , 2017, 169, 515-523.	10.2	33
17	Modulation of polypeptide conformation through donor-acceptor transformation of side-chain hydrogen bonding ligands. <i>Nature Communications</i> , 2017, 8, 92.	12.8	51
18	Supramolecular Assembly of Comb-like Macromolecules Induced by Chemical Reactions that Modulate the Macromolecular Interactions In Situ. <i>Journal of the American Chemical Society</i> , 2017, 139, 11106-11116.	13.7	21

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19	Conversion from self-assembled block copolymer nanodomains to carbon nanostructures with well-defined morphology. RSC Advances, 2015, 5, 105774-105784.	3.6	13
20	Fine structures of self-assembled beta-cyclodextrin/Pluronic in dilute and dense systems: a small angle X-ray scattering study. Soft Matter, 2014, 10, 7606-7614.	2.7	10
21	Restriction of Motion of Surface Ligands Enhances Photoluminescence of Quantum Dots: Experiment and Theory. Advanced Materials Interfaces, 0, , 2102079.	3.7	4