Qiaomei Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7299482/publications.pdf

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29	2,413	394421	454955
papers	citations	19	30
		h-index	g-index

30	30	30	2570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insulating Polymers as Additives to Bulkâ€Heterojunction Organic Solar Cells: The Effect of Miscibility. ChemPhysChem, 2022, 23, .	2.1	20
2	Ultrathin Flexible Transparent Composite Electrode via Semi-embedding Silver Nanowires in a Colorless Polyimide for High-Performance Ultraflexible Organic Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 5699-5708.	8.0	32
3	Double-Cable Conjugated Polymers with Rigid Phenyl Linkers for Single-Component Organic Solar Cells. Macromolecules, 2022, 55, 2517-2523.	4.8	11
4	Miscibility-Controlled Mechanical and Photovoltaic Properties in Double-Cable Conjugated Polymer/Insulating Polymer Composites. Macromolecules, 2022, 55, 322-330.	4.8	16
5	Effects of alkyl side chains of double-cable conjugated polymers on the photovoltaic performance of single-component organic solar cells. Journal of Materials Chemistry C, 2021, 9, 16240-16246.	5.5	6
6	â€œReprocessable Thermosetsâ€: Synthesis and Characterization of Vitrimer in the Undergraduate Lab Course. Journal of Chemical Education, 2021, 98, 1429-1435.	2.3	6
7	Double-Cable Conjugated Polymers with Pendant Rylene Diimides for Single-Component Organic Solar Cells. Accounts of Chemical Research, 2021, 54, 2227-2237.	15.6	67
8	Reprogrammable 3D Liquidâ€Crystalline Actuators with Precisely Controllable Stepwise Actuation. Advanced Intelligent Systems, 2021, 3, 2000249.	6.1	18
9	Mechanical Robust Flexible Singleâ€Component Organic Solar Cells. Small Methods, 2021, 5, e2100481.	8.6	33
10	Nearâ€Infrared Nonfullerene Acceptors Based on 4Hâ€Cyclopenta[1,2â€b:5,4â€bâ€²]dithiophene for Organic Solar Cells and Organic Fieldâ€Effect Transistors. Chemistry - an Asian Journal, 2021, 16, 4171-4178.	3.3	9
11	Incorporating semiflexible linkers into double-cable conjugated polymers via a click reaction. Polymer Chemistry, 2021, 12, 6865-6872.	3.9	3
12	Liquidâ€Crystalline Soft Actuators with Switchable Thermal Reprogrammability. Angewandte Chemie, 2020, 132, 4808-4814.	2.0	14
13	Liquidâ€Crystalline Soft Actuators with Switchable Thermal Reprogrammability. Angewandte Chemie - International Edition, 2020, 59, 4778-4784.	13.8	102
14	A magnetic solder for assembling bulk covalent adaptable network blocks. Chemical Science, 2020, 11, 7694-7700.	7.4	15
15	Seamless multimaterial 3D liquid-crystalline elastomer actuators for next-generation entirely soft robots. Science Advances, 2020, 6, eaay8606.	10.3	108
16	Harnessing the Dayâ€“Night Rhythm of Humidity and Sunlight into Mechanical Work Using Recyclable and Reprogrammable Soft Actuators. ACS Applied Materials & Interfaces, 2019, 11, 29290-29297.	8.0	28
17	Reprocessable Thermoset Soft Actuators. Angewandte Chemie, 2019, 131, 17635-17640.	2.0	23
18	Reprocessable Thermoset Soft Actuators. Angewandte Chemie - International Edition, 2019, 58, 17474-17479.	13.8	90

#	Article	IF	Citations
19	Durable liquid-crystalline vitrimer actuators. Chemical Science, 2019, 10, 3025-3030.	7.4	82
20	A durable monolithic polymer foam for efficient solar steam generation. Chemical Science, 2018, 9, 623-628.	7.4	235
21	Untethered Recyclable Tubular Actuators with Versatile Locomotion for Soft Continuum Robots. Advanced Materials, 2018, 30, e1801103.	21.0	133
22	Injectable and Self-Healing Chitosan Hydrogel Based on Imine Bonds: Design and Therapeutic Applications. International Journal of Molecular Sciences, 2018, 19, 2198.	4.1	110
23	Polydopamine nanoparticles doped in liquid crystal elastomers for producing dynamic 3D structures. Journal of Materials Chemistry A, 2017, 5, 6740-6746.	10.3	98
24	Photo-responsive liquid crystalline vitrimer containing oligoanilines. Chinese Chemical Letters, 2017, 28, 2139-2142.	9.0	34
25	Synthesis of amphiphilic fluorescent polymers via a one-pot combination of multicomponent Hantzsch reaction and RAFT polymerization and their cell imaging applications. Polymer Chemistry, 2017, 8, 4805-4810.	3.9	33
26	Multi-stimuli responsive and multi-functional oligoaniline-modified vitrimers. Chemical Science, 2017, 8, 724-733.	7.4	178
27	Regional Shape Control of Strategically Assembled Multishape Memory Vitrimers. Advanced Materials, 2016, 28, 156-160.	21.0	213
28	Biocompatible fluorescent organic nanoparticles derived from glucose and polyethylenimine. Colloids and Surfaces B: Biointerfaces, 2014, 123, 747-752.	5.0	18
29	Mouldable liquid-crystalline elastomer actuators with exchangeable covalent bonds. Nature Materials, 2014, 13, 36-41.	27.5	670