Yinjuan Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2705396/publications.pdf

Version: 2024-02-01

		257357	330025
38	1,871	24	37
papers	citations	h-index	g-index

39	39	39	2734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. Nature Communications, 2019, 10, 169.	5.8	303
2	Organic Cocrystals: Beyond Electrical Conductivities and Fieldâ€Effect Transistors (FETs). Angewandte Chemie - International Edition, 2019, 58, 9696-9711.	7.2	234
3	Realizing small-flake graphene oxide membranes for ultrafast size-dependent organic solvent nanofiltration. Science Advances, 2020, 6, eaaz9184.	4.7	177
4	Poly(ethylene oxide) Functionalized Graphene Nanoribbons with Excellent Solution Processability. Journal of the American Chemical Society, 2016, 138, 10136-10139.	6.6	83
5	Durable Waterborne Hydrophobic Bio-Epoxy Coating with Improved Anti-Icing and Self-Cleaning Performance. ACS Sustainable Chemistry and Engineering, 2019, 7, 641-649.	3.2	77
6	Mechanically robust hydrophobic bio-based epoxy coatings for anti-corrosion application. Surface and Coatings Technology, 2019, 363, 43-50.	2.2	75
7	Temperature-Dependent Multidimensional Self-Assembly of Polyphenylene-Based â€œRodâ€“Coilâ€•Graft Polymers. Journal of the American Chemical Society, 2015, 137, 11602-11605.	6.6	63
8	Fabrication and evaluation of the novel reduction-sensitive starch nanoparticles for controlled drug release. Colloids and Surfaces B: Biointerfaces, 2014, 115, 368-376.	2.5	58
9	Nitrogen-enriched hierarchically porous carbon materials fabricated by graphene aerogel templated Schiff-base chemistry for high performance electrochemical capacitors. Polymer Chemistry, 2015, 6, 1088-1095.	1.9	58
10	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. ACS Nano, 2020, 14, 15962-15972.	7.3	54
11	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. Angewandte Chemie - International Edition, 2018, 57, 3366-3371.	7.2	52
12	Intrinsic Properties of Single Graphene Nanoribbons in Solution: Synthetic and Spectroscopic Studies. Journal of the American Chemical Society, 2018, 140, 10416-10420.	6.6	48
13	Solvent-Free Synthesis and Hydrophobization of Biobased Epoxy Coatings for Anti-Icing and Anticorrosion Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 19131-19141.	3.2	41
14	Organic Cocrystals: Beyond Electrical Conductivities and Fieldâ€Effect Transistors (FETs). Angewandte Chemie, 2019, 131, 9798-9813.	1.6	41
15	A novel magnetic triple-responsive composite semi-IPN hydrogels for targeted and controlled drug delivery. European Polymer Journal, 2012, 48, 1734-1744.	2.6	39
16	Multi-Dimensional Self-Assembly of a Dual-Responsive ABC Miktoarm Star Terpolymer. ACS Macro Letters, 2017, 6, 426-430.	2.3	38
17	Hydrophilic engineering of VO_x-based nanosheets for ambient electrochemical ammonia synthesis at neutral pH. Journal of Materials Chemistry A, 2020, 8, 5913-5918.	5.2	35
18	Recent advances in the solution selfâ€assembly of amphiphilic â€œrodâ€coilâ€•copolymers. Journal of Polymer Science Part A, 2017, 55, 1459-1477.	2.5	34

#	Article	IF	Citations
19	Ultra-small and innocuous cationic starch nanospheres: Preparation, characterization and drug delivery study. International Journal of Biological Macromolecules, 2013, 58, 231-239.	3.6	32
20	The Role of Weak Molecular Dopants in Enhancing the Performance of Solutionâ€Processed Organic Fieldâ€Effect Transistors. Advanced Electronic Materials, 2019, 5, 1800547.	2.6	32
21	Unexpected Synthesis, Properties, and Nonvolatile Memory Device Application of Imidazole-Fused Azaacenes. Journal of Organic Chemistry, 2020, 85, 101-107.	1.7	31
22	A novel triple-responsive poly(3-acrylamidephenylboronic acid-co-2-(dimethylamino) ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td Reactive and Functional Polymers, 2011, 71, 666-673.	2.0	29
23	Effect of Side Chains on the Low-Dimensional Self-Assembly of Polyphenylene-Based â€œRodâ€“Coilâ€•Graft Copolymers in Solution. Macromolecules, 2018, 51, 161-172.	2.2	27
24	Waterborne bio-based epoxy coatings for the corrosion protection of metallic substrates. Progress in Organic Coatings, 2019, 136, 105265.	1.9	27
25	A 3D Haloplumbate Framework Constructed From Unprecedented Lindqvistâ€like Highly Coordinated [Pb₆Br₂₅]^{13â^'} Nanoclusters with Temperatureâ€Dependent Emission. Chemistry - an Asian Journal, 2018, 13, 3185-3189.	1.7	26
26	Ultra-small and anionic starch nanospheres: Formation and vitro thrombolytic behavior study. Carbohydrate Polymers, 2013, 96, 426-434.	5.1	25
27	Perylene Diimide Oligomer Nanoparticles with Ultrahigh Photothermal Conversion Efficiency for Cancer Theranostics. ACS Applied Bio Materials, 2020, 3, 1607-1615.	2.3	24
28	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [Pb6Br19]7â€“ Nanoclusters. Inorganic Chemistry, 2018, 57, 14035-14038.	1.9	23
29	Organic crystal-based flexible smart materials. Science China Materials, 2022, 65, 1994-2016.	3.5	14
30	Ultra-large sheet formation by 1D to 2D hierarchical self-assembly of a â€œrodâ€“coilâ€•graft copolymer with a polyphenylene backbone. Polymer Chemistry, 2016, 7, 1234-1238.	1.9	13
31	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. Angewandte Chemie, 2018, 130, 3424-3429.	1.6	12
32	Tunable low-dimensional self-assembly of H-shaped bichromophoric perylenediimide Gemini in solution. Nanoscale, 2020, 12, 3058-3067.	2.8	11
33	Effect of a fluoroalkyl-functional curing agent on the wettability, thermal and mechanical properties of hydrophobic biobased epoxy coatings. Surface and Coatings Technology, 2019, 362, 274-281.	2.2	10
34	Hydrophobization of fully bio-based epoxy polymers using water as solvent: Effect of additives. European Polymer Journal, 2020, 140, 110043.	2.6	9
35	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquidâ€“Liquid Phase Separation. Biomacromolecules, 2022, 23, 2562-2571.	2.6	9
36	Graphene frameworks supported cobalt oxide with tunable morphologies for enhanced lithium storage behaviors. Journal of Materials Science, 2016, 51, 4856-4863.	1.7	4

#	Article	IF	Citations
37	Manipulating asymmetric photon transport through electrical control: a new strategy to construct optical diodes or isolators. Science China Chemistry, 2018, 61, 1351-1352.	4.2	2
38	Two-dimensional electronic spectroscopy of graphene nanoribbons in organic solution. EPJ Web of Conferences, 2019, 205, 05005.	0.1	0