

# Yinjuan Huang

## List of Publications by Year in descending order

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38  
papers

1,871  
citations

257357

24  
h-index

330025

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic crystal-based flexible smart materials. <i>Science China Materials</i> , 2022, 65, 1994-2016.	3.5	14
2	Coassembly of a New Insect Cuticular Protein and Chitosan via Liquid-Liquid Phase Separation. <i>Biomacromolecules</i> , 2022, 23, 2562-2571.	2.6	9
3	Unexpected Synthesis, Properties, and Nonvolatile Memory Device Application of Imidazole-Fused Azaacenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 101-107.	1.7	31
4	Tunable low-dimensional self-assembly of H-shaped bichromophoric perylene diimide Gemini in solution. <i>Nanoscale</i> , 2020, 12, 3058-3067.	2.8	11
5	Hydrophobization of fully bio-based epoxy polymers using water as solvent: Effect of additives. <i>European Polymer Journal</i> , 2020, 140, 110043.	2.6	9
6	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. <i>ACS Nano</i> , 2020, 14, 15962-15972.	7.3	54
7	Hydrophilic engineering of VO <sub>x</sub> -based nanosheets for ambient electrochemical ammonia synthesis at neutral pH. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5913-5918.	5.2	35
8	Perylene Diimide Oligomer Nanoparticles with Ultrahigh Photothermal Conversion Efficiency for Cancer Theranostics. <i>ACS Applied Bio Materials</i> , 2020, 3, 1607-1615.	2.3	24
9	Realizing small-flake graphene oxide membranes for ultrafast size-dependent organic solvent nanofiltration. <i>Science Advances</i> , 2020, 6, eaaz9184.	4.7	177
10	Waterborne bio-based epoxy coatings for the corrosion protection of metallic substrates. <i>Progress in Organic Coatings</i> , 2019, 136, 105265.	1.9	27
11	Solvent-Free Synthesis and Hydrophobization of Biobased Epoxy Coatings for Anti-Icing and Anticorrosion Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19131-19141.	3.2	41
12	Two-dimensional electronic spectroscopy of graphene nanoribbons in organic solution. <i>EPJ Web of Conferences</i> , 2019, 205, 05005.	0.1	0
13	Effect of a fluoroalkyl-functional curing agent on the wettability, thermal and mechanical properties of hydrophobic biobased epoxy coatings. <i>Surface and Coatings Technology</i> , 2019, 362, 274-281.	2.2	10
14	Mechanically robust hydrophobic bio-based epoxy coatings for anti-corrosion application. <i>Surface and Coatings Technology</i> , 2019, 363, 43-50.	2.2	75
15	Organic Cocrystals: Beyond Electrical Conductivities and Field-Effect Transistors (FETs). <i>Angewandte Chemie</i> , 2019, 131, 9798-9813.	1.6	41
16	Organic Cocrystals: Beyond Electrical Conductivities and Field-Effect Transistors (FETs). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9696-9711.	7.2	234
17	The Role of Weak Molecular Dopants in Enhancing the Performance of Solution-Processed Organic Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, 1800547.	2.6	32
18	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. <i>Nature Communications</i> , 2019, 10, 169.	5.8	303

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19	Durable Waterborne Hydrophobic Bio-Epoxy Coating with Improved Anti-Icing and Self-Cleaning Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 641-649.	3.2	77
20	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. <i>Angewandte Chemie</i> , 2018, 130, 3424-3429.	1.6	12
21	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3366-3371.	7.2	52
22	Effect of Side Chains on the Low-Dimensional Self-Assembly of Polyphenylene-Based "Rod-Coil-Graft Copolymers in Solution. <i>Macromolecules</i> , 2018, 51, 161-172.	2.2	27
23	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [Pb <sub>6</sub> Br <sub>19</sub> ] <sup>7-</sup> Nanoclusters. <i>Inorganic Chemistry</i> , 2018, 57, 14035-14038.	1.9	23
24	A 3D Haloplumbate Framework Constructed From Unprecedented Lindqvist-like Highly Coordinated [Pb <sub>6</sub> Br <sub>25</sub> ] <sup>13-</sup> Nanoclusters with Temperature-Dependent Emission. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3185-3189.	1.7	26
25	Manipulating asymmetric photon transport through electrical control: a new strategy to construct optical diodes or isolators. <i>Science China Chemistry</i> , 2018, 61, 1351-1352.	4.2	2
26	Intrinsic Properties of Single Graphene Nanoribbons in Solution: Synthetic and Spectroscopic Studies. <i>Journal of the American Chemical Society</i> , 2018, 140, 10416-10420.	6.6	48
27	Recent advances in the solution self-assembly of amphiphilic "rod-coil" copolymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1459-1477.	2.5	34
28	Multi-Dimensional Self-Assembly of a Dual-Responsive ABC Miktoarm Star Terpolymer. <i>ACS Macro Letters</i> , 2017, 6, 426-430.	2.3	38
29	Poly(ethylene oxide) Functionalized Graphene Nanoribbons with Excellent Solution Processability. <i>Journal of the American Chemical Society</i> , 2016, 138, 10136-10139.	6.6	83
30	Graphene frameworks supported cobalt oxide with tunable morphologies for enhanced lithium storage behaviors. <i>Journal of Materials Science</i> , 2016, 51, 4856-4863.	1.7	4
31	Ultra-large sheet formation by 1D to 2D hierarchical self-assembly of a "rod-coil" graft copolymer with a polyphenylene backbone. <i>Polymer Chemistry</i> , 2016, 7, 1234-1238.	1.9	13
32	Temperature-Dependent Multidimensional Self-Assembly of Polyphenylene-Based "Rod-Coil-Graft Polymers. <i>Journal of the American Chemical Society</i> , 2015, 137, 11602-11605.	6.6	63
33	Nitrogen-enriched hierarchically porous carbon materials fabricated by graphene aerogel templated Schiff-base chemistry for high performance electrochemical capacitors. <i>Polymer Chemistry</i> , 2015, 6, 1088-1095.	1.9	58
34	Fabrication and evaluation of the novel reduction-sensitive starch nanoparticles for controlled drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 368-376.	2.5	58
35	Ultra-small and anionic starch nanospheres: Formation and vitro thrombolytic behavior study. <i>Carbohydrate Polymers</i> , 2013, 96, 426-434.	5.1	25
36	Ultra-small and innocuous cationic starch nanospheres: Preparation, characterization and drug delivery study. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 231-239.	3.6	32

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37	A novel magnetic triple-responsive composite semi-IPN hydrogels for targeted and controlled drug delivery. <i>European Polymer Journal</i> , 2012, 48, 1734-1744.	2.6	39
38	A novel triple-responsive poly(3-acrylamidephenylboronic acid-co-2-(dimethylamino) ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Reactive and Functional Polymers, 2011, 71, 666-673.	2.0	29