

Yanping Huo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

1,193

citations

20

h-index

29

g-index

91

ext. papers

1,681

ext. citations

6.3

avg, IF

5.16

L-index

#	Paper	IF	Citations
83	Practical synthesis of 3-aryl anthranils an electrophilic aromatic substitution strategy.. <i>Chemical Science</i> , 2022 , 13, 2105-2114	9.4	0
82	Mixed bromine/chlorine transformation products of tetrabromobisphenol A: Potential specific molecular markers in e-waste dismantling areas. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127126	12.8	1
81	New donor-acceptor AIEgens: Influence of bridge on luminescence properties and electroluminescence application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 428, 113891	4.7	0
80	Optimizing Intermolecular Interactions and Energy Level Alignments of Red TADF Emitters for High-Performance Organic Light-Emitting Diodes.. <i>Small</i> , 2022 , e2201548	11	4
79	Triplet harvesting aryl carbonyl-based luminescent materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 17233-17264	7.1	2
78	The Ionic Organic Cage: An Effective and Recyclable Testbed for Catalytic CO ₂ Transformation. <i>Catalysts</i> , 2021 , 11, 358	4	1
77	Heat resistant microporous membranes based on soluble poly(aryl ether ketone) copolymers for lithium ion battery separator. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50895	2.9	3
76	Direct Synthesis of α -Halogenated Arylphosphonates via a Three-Component Reaction Involving Arynes. <i>Journal of Organic Chemistry</i> , 2021 , 86, 7010-7018	4.2	3
75	New Quinoxaline-Based Blue Emitters: Molecular Structures, Aggregation-Induced Enhanced Emission Characteristics and OLED Application. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2154-2162	4.9	7
74	NiH-Catalyzed Hydroamination/Cyclization Cascade: Rapid Access to Quinolines. <i>ACS Catalysis</i> , 2021 , 11, 7772-7779	13.1	18
73	Nanosecond-time-scale delayed fluorescence towards fast triplet-singlet spin conversion for efficient orange-red OLEDs with negligible efficiency roll-off. <i>Chemical Engineering Journal</i> , 2021 , 415, 128949	14.7	16
72	Sulphur-Embedded Hydrocarbon Belts: Synthesis, Structure and Redox Chemistry of Cyclothianthrenes. <i>Angewandte Chemie</i> , 2021 , 133, 18591-18595	3.6	3
71	Anthracene-based fluorescent emitters toward superior-efficiency nondoped TTA-OLEDs with deep blue emission and low efficiency roll-off. <i>Chemical Engineering Journal</i> , 2021 , 421, 127748	14.7	12
70	Sensitive and Repeatable Photoinduced Luminescent Radicals from A Simple Organic Crystal. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6367-6371	16.4	14
69	Highly efficient thermally activated delayed fluorescence emitters enabled by double charge transfer pathways via ortho-linked triarylboron/carbazole hybrids. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1678-1684	7.1	6
68	Sensitive and Repeatable Photoinduced Luminescent Radicals from A Simple Organic Crystal. <i>Angewandte Chemie</i> , 2021 , 133, 6437-6441	3.6	0
67	Sequential C-H activation enabled expedient delivery of polyfunctional arenes. <i>Chemical Communications</i> , 2021 , 57, 8075-8078	5.8	1

66	Research Progress on Aggregation-Induced Delayed Fluorescence in Materials and Devices. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 41, 3050	3	2
65	Sulphur-Embedded Hydrocarbon Belts: Synthesis, Structure and Redox Chemistry of Cyclothianthrenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18443-18447	16.4	11
64	Nickel-Catalyzed Hydroamination of Olefins with Anthranils. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12107-12118	10.7	118
63	Versatile azaryl-ketone-based blue AIEgens for efficient organic light-emitting diodes. <i>Dyes and Pigments</i> , 2021 , 195, 109729	4.6	1
62	Recent Progress on Reductive Coupling of Nitroarenes by Using Organosilanes as Convenient Reductants. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 3971-3986	5.6	13
61	Tuning the Triplet Excited State of Bis(dipyrrin) Zinc(II) Complexes: Symmetry Breaking Charge Transfer Architecture with Exceptionally Long Lived Triplet State for Upconversion. <i>Chemistry - A European Journal</i> , 2020 , 26, 14912-14918	4.8	8
60	Stimuli-Responsive Aggregation-Induced Delayed Fluorescence Emitters Featuring the Asymmetric D-A Structure with a Novel Diarylketone Acceptor Toward Efficient OLEDs with Negligible Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 29528-29539	9.5	4
59	Rh-Catalyzed C-H Amination/Annulation of Acrylic Acids and Anthranils by Using -COOH as a Deciduous Directing Group: An Access to Diverse Quinolines. <i>Organic Letters</i> , 2020 , 22, 2600-2605	6.2	36
58	Rh(III)-Catalyzed Selective ortho-C-H Amination of Benzoic Acids with Anthranils: A Facile Access to Anthranilic Acid Derivatives (AAs). <i>ChemCatChem</i> , 2020 , 12, 2721-2725	5.2	7
57	Copper-Catalyzed Electrophilic Amination of Arylboronic Acids with Anthranils: An Access to -Aryl-2-aminophenones. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10222-10231	4.2	15
56	Polymorphic mechanoresponsive luminescent material based on a fluorene-phenanthroimidazole hybrid by modulation of intramolecular conformation and intermolecular interaction. <i>CrystEngComm</i> , 2020 , 22, 2147-2157	3.3	8
55	Color-Tunable Delayed Fluorescence and Efficient Spin-Orbit Charge Transfer Intersystem Crossing in Compact Carbazole-Anthracene-Bodipy Triads Employing the Sequential Electron Transfer Approach. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5944-5957	3.8	16
54	Anion-tuned assembly of three double cubane tetranuclear Cd(II)/Zn(II) complexes based on a 2-substituted 8-hydroxyquinoline ligand: Synthesis, crystal structures and fluorescent properties. <i>Journal of Molecular Structure</i> , 2020 , 1212, 127770	3.4	1
53	Anthranils: versatile building blocks in the construction of C-N bonds and N-heterocycles. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1177-1196	5.2	25
52	Alkoxy chain regulated stimuli-responsive AIE luminogens based on tetraphenylethylene substituted phenanthroimidazoles and non-doped OLEDs with negligible efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4139-4147	7.1	20
51	Aggregation-state engineering and emission switching in DAD-AIEgens featuring dual emission, MCL and white electroluminescence. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8061-8068	7.1	12
50	Recent Progress in Organic-Inorganic Composite Solid Electrolytes for All-Solid-State Lithium Batteries. <i>Chemistry - A European Journal</i> , 2020 , 26, 1720-1736	4.8	54
49	A phosphoryl radical-initiated Atherton-Todd-type reaction under open air. <i>Chemical Communications</i> , 2020 , 56, 1357-1360	5.8	29

48	Recent Development on Cp*Ir(III)-Catalyzed C-H Bond Functionalization. <i>ChemCatChem</i> , 2020 , 12, 2358-2384	3.84	28
47	Asymmetric aggregation-induced emission materials with double stable configurations toward promoted performance in non-doped organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16858-16869	7.1	4
46	Iron-Catalyzed and Air-Mediated C(sp ³)-H Phosphorylation of 1,3-Dicarbonyl Compounds Involving C-H Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5783-5787	5.6	7
45	A novel quinolinyl-tetraphenylethene-based fluorescence turn-on sensor for Zn ²⁺ with a large Stokes shift and its applications for portable test strips and biological imaging. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3338-3348	7.8	10
44	Recent Achievements in the Rhodium-Catalyzed Concise Construction of Medium N-Heterocycles, Azepines and Azocines. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5576-5600	5.6	15
43	Monopeptide-Based Powder Gelators for Instant Phase-Selective Gelation of Aprotic Aromatics and for Toxic Dye Removal. <i>Langmuir</i> , 2020 , 36, 9090-9098	4	6
42	Weak coordinated nitrogen functionality enabled regioselective C-H alkynylation Pd(II)/mono-protected amino acid catalysis. <i>Chemical Communications</i> , 2020 , 56, 11255-11258	5.8	11
41	Highly selective isomer fluorescent probes for distinguishing homo-/cysteine from glutathione based on AIE. <i>Talanta</i> , 2020 , 206, 120177	6.2	26
40	Catalyst-free direct C(sp ³)-H sulfenylation of xanthene derivatives using air as the oxidant. <i>Green Chemistry</i> , 2019 , 21, 798-802	10	25
39	Cross-dehydrogenative alkynylation of sulfonamides and amides with terminal alkynes via Ir(III) catalysis. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 284-289	5.2	27
38	Intermolecular Multiple Dehydrogenative Cross-Couplings of Ketones with Boronic Acids and Amines via Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3886-3892	5.6	10
37	Optimized Association of Short Alkyl Side Chains Enables Stiff, Self-Recoverable, and Durable Shape-Memory Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19554-19564	9.5	18
36	Recyclable fluorescent chemodosimeters based on 8-hydroxyquinoline derivatives for highly sensitive and selective detection of mercury(II) in aqueous media and test strips. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 196-205	4.4	7
35	Sequential C-H and C-H Bond Cleavage: Divergent Constructions of Fused N-Heterocycles via Tunable Cascade. <i>ACS Catalysis</i> , 2019 , 9, 8749-8756	13.1	18
34	Rational Design of Dopant-Free Coplanar D-ED Hole-Transporting Materials for High-Performance Perovskite Solar Cells with Fill Factor Exceeding 80%. <i>Advanced Energy Materials</i> , 2019 , 9, 1901268	21.8	52
33	TBHP/NHI-Mediated Direct N-H Phosphorylation of Imines and Imidates. <i>Journal of Organic Chemistry</i> , 2019 , 84, 14949-14956	4.2	11
32	Two cubane-type Ln ₄ (OH) ₄ compounds derived from tridentate ligand 8-hydroxyquinoline: Synthesis, structures, one/two-photon luminescence and magnetism. <i>Journal of Luminescence</i> , 2018 , 198, 208-214	3.8	2
31	Polyvinyl Alcohol-Based Thermogel with Tunable Gelation and Self-Healing Property. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800162	2.6	6

30	Copper-catalyzed oxidative multicomponent reaction: synthesis of imidazo fused heterocycles with molecular oxygen. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7143-7151	3.9	16
29	Two new quinoline-based regenerable fluorescent probes with AIE characteristics for selective recognition of Cu in aqueous solution and test strips. <i>Analyst, The</i> , 2018 , 143, 4870-4886	5	25
28	DDQ-mediated direct C(sp ³)H phosphorylation of xanthene derivatives. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2652-2656	5.2	27
27	Fluorescence probes based on AIE luminogen: application for sensing Hg ²⁺ in aqueous media and cellular imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 13836-13846	3.6	16
26	Polar Solvent-Induced Unprecedented Supergelation of (Un)Weathered Crude Oils at Room Temperature. <i>Langmuir</i> , 2018 , 34, 8058-8064	4	20
25	DMSO-accelerated rapid gelation of crude oils at room temperature. <i>Supramolecular Chemistry</i> , 2018 , 30, 1011-1016	1.8	5
24	Combinatorial identification of a highly soluble phase-selective organogelator with high gelling capacity for crude oil gelation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10196-10200	13	23
23	CsCO ₃ -promoted methylene insertion into disulfide bonds using acetone as a methylene source. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 4086-4089	3.9	12
22	DDQ-Promoted Allylic C-H Phosphorylation of 1,3-Diarylpropenes. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3590-3594	5.6	14
21	K ₂ CO ₃ -promoted aerobic oxidative cross-coupling of trialkyl phosphites with thiophenols. <i>RSC Advances</i> , 2017 , 7, 45416-45419	3.7	19
20	Multi-responsive, bidirectional, and large deformation bending actuators based on borax cross-linked polyvinyl alcohol derivative hydrogel. <i>RSC Advances</i> , 2017 , 7, 40005-40014	3.7	20
19	Schiff base derived Fe ³⁺ -selective fluorescence turn-off chemosensors based on triphenylamine and indole: synthesis, properties and application in living cells. <i>RSC Advances</i> , 2017 , 7, 36007-36014	3.7	31
18	Regioselective C-H Bond Alkynylation of Carbonyl Compounds through Ir(III) Catalysis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13003-13011	4.2	36
17	Polystyrene sulfonate threaded in MIL-101Cr(iii) as stable and efficient acid catalysts. <i>Dalton Transactions</i> , 2016 , 45, 18084-18088	4.3	13
16	Integrating Metabolic Engineering and Heterogeneous Chemocatalysis: New Opportunities for Biomass to Chemicals. <i>ChemSusChem</i> , 2016 , 9, 1078-80	8.3	9
15	Highly selective and sensitive colorimetric chemosensors for Hg ²⁺ based on novel diaminomaleonitrile derivatives. <i>RSC Advances</i> , 2016 , 6, 5503-5511	3.7	11
14	"Sticky"-Ends-Guided Creation of Functional Hollow Nanopores for Guest Encapsulation and Water Transport. <i>Accounts of Chemical Research</i> , 2016 , 49, 922-30	24.3	88
13	Proton conductive and low methanol permeable PVA-based zwitterionic membranes. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 20373-20384	6.7	16

12	Dual Thermo-responsive and pH-Responsive Poly(vinyl alcohol) Derivatives: Synthesis, Phase Transition Study, and Functional Applications. <i>Macromolecules</i> , 2016 , 49, 7478-7489	5.5	25
11	Color-tunable solid-state emissions of Zn(II) and Cd(II) complexes derived from cyano-modified 2-substituted 8-hydroxyquinolines. <i>Polyhedron</i> , 2016 , 119, 175-183	2.7	7
10	A yellow-green tetranuclear Cd(II) (8-quinolinolato) chelate with thiophene group: synthesis, crystal structure, photophysical properties and DNA binding. <i>Tetrahedron</i> , 2015 , 71, 4015-4022	2.4	9
9	The geometry of intermolecular interactions in fluorine-containing 8-hydroxyquinoline cobalt(II) and copper(II) complexes: Synthesis, crystal structure and characterization. <i>Journal of Fluorine Chemistry</i> , 2015 , 180, 168-174	2.1	4
8	The Dynamics, energetics and selectivity of water chain-containing aquapores created by the self-assembly of aquafoldamer molecules. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10613-9	3.9	10
7	Comparative studies on OLED performances of chloro and fluoro substituted Zn(II) 8-hydroxyquinolinates. <i>New Journal of Chemistry</i> , 2015 , 39, 333-341	3.6	20
6	Self-assembly of five 8-hydroxyquinolate-based complexes: tunable core, supramolecular structure, and photoluminescence properties. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1913-21	4.5	17
5	Synthesis, crystal structure, and photophysical properties of a double open cubane-like Cd(II) complex based on 2-substituted-8-hydroxyquinoline. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 1141-1155	1.6	4
4	Controllable supramolecular structures and luminescent properties of unique trimeric Zn(II) 8-hydroxyquinolinates tuned by functional substituents. <i>Dalton Transactions</i> , 2013 , 42, 2921-9	4.3	40
3	Synthesis and Photophysics of Novel Soluble Polymeric Zn Metal Complex Based on Bis(8-hydroxyquinoline) Groups with Benzene Unit. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 1389-1394	4.9	2
2	The AIE-Active Dual-Cationic Molecular Engineering: Synergistic Effect of Dark Toxicity and Phototoxicity for Anticancer Therapy. <i>Advanced Functional Materials</i> , 2010 , 20, 6988	15.6	6
1	Ligand-accelerated site-selective Csp ² H and Csp ³ H alkynylations of alcohols via Pd(II) catalysis. <i>Organic Chemistry Frontiers</i> ,	5.2	1