Yanping Huo

List of Publications by Year in descending order

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		185998	301761
90	2,114	28	39
papers	citations	h-index	g-index

91	91	91	2296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	â€œStickyâ€•Ends-Guided Creation of Functional Hollow Nanopores for Guest Encapsulation and Water Transport. Accounts of Chemical Research, 2016, 49, 922-930.	7.6	114
2	Recent Progress in Organicâ€“Inorganic Composite Solid Electrolytes for Allâ€Solidâ€State Lithium Batteries. Chemistry - A European Journal, 2020, 26, 1720-1736.	1.7	100
3	Rational Design of Dopantâ€Free Coplanar Dâ€Ïâ€D Holeâ€Transporting Materials for Highâ€Performance Perovskite Solar Cells with Fill Factor Exceeding 80%. Advanced Energy Materials, 2019, 9, 1901268.	10.2	77
4	Rh-Catalyzed Câ€“H Amination/Annulation of Acrylic Acids and Anthranils by Using â˜’COOH as a Deciduous Directing Group: An Access to Diverse Quinolines. Organic Letters, 2020, 22, 2600-2605.	2.4	59
5	A phosphoryl radical-initiated Athertonâ€“Todd-type reaction under open air. Chemical Communications, 2020, 56, 1357-1360.	2.2	48
6	Regioselective Câ€“H Bond Alkynylation of Carbonyl Compounds through Ir(III) Catalysis. Journal of Organic Chemistry, 2017, 82, 13003-13011.	1.7	47
7	Recent Development on Cp*Ir(III)â€Catalyzed Câ˜’H Bond Functionalization. ChemCatChem, 2020, 12, 2358-2384.	1.8	47
8	Sensitive and Repeatable Photoinduced Luminescent Radicals from Aâ€‰Simple Organic Crystal. Angewandte Chemie - International Edition, 2021, 60, 6367-6371.	7.2	46
9	Controllable supramolecular structures and luminescent properties of unique trimeric Zn(<scp>ii</scp>) 8-hydroxyquinolinates tuned by functional substituents. Dalton Transactions, 2013, 42, 2921-2929.	1.6	44
10	Anthranils: versatile building blocks in the construction of Câ€“N bonds and N-heterocycles. Organic Chemistry Frontiers, 2020, 7, 1177-1196.	2.3	44
11	Two new quinoline-based regenerable fluorescent probes with AIE characteristics for selective recognition of Cu²⁺ in aqueous solution and test strips. Analyst, The, 2018, 143, 4870-4886.	1.7	43
12	DDQ-mediated direct C(sp³)â€“H phosphorylation of xanthene derivatives. Organic Chemistry Frontiers, 2018, 5, 2652-2656.	2.3	43
13	Cross-dehydrogenative alkynylation of sulfonamides and amides with terminal alkynesviaIr(<scp>iii</scp>) catalysis. Organic Chemistry Frontiers, 2019, 6, 284-289.	2.3	43
14	Anthracene-based fluorescent emitters toward superior-efficiency nondoped TTA-OLEDs with deep blue emission and low efficiency roll-off. Chemical Engineering Journal, 2021, 421, 127748.	6.6	43
15	Recent Achievements in the Rhodiumâ€Catalyzed Concise Construction of Medium Nâ€Heterocycles, Azepines and Azocines. Advanced Synthesis and Catalysis, 2020, 362, 5576-5600.	2.1	42
16	Sulphurâ€Embedded Hydrocarbon Belts: Synthesis, Structure and Redox Chemistry of Cyclothianthrenes. Angewandte Chemie - International Edition, 2021, 60, 18443-18447.	7.2	42
17	Schiff base derived Fe³⁺-selective fluorescence turn-off chemsensors based on triphenylamine and indole: synthesis, properties and application in living cells. RSC Advances, 2017, 7, 36007-36014.	1.7	41
18	Highly selective isomer fluorescent probes for distinguishing homo-/cysteine from glutathione based on AIE. Talanta, 2020, 206, 120177.	2.9	38

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19	Catalyst-free direct C(sp3)â€“H sulfenylation of xanthene derivatives using air as the oxidant. Green Chemistry, 2019, 21, 798-802.	4.6	37
20	NiH-Catalyzed Hydroamination/Cyclization Cascade: Rapid Access to Quinolines. ACS Catalysis, 2021, 11, 7772-7779.	5.5	37
21	Nanosecond-time-scale delayed fluorescence towards fast triplet-singlet spin conversion for efficient orange-red OLEDs with negligible efficiency roll-off. Chemical Engineering Journal, 2021, 415, 128949.	6.6	36
22	Recent Progress on Reductive Coupling of Nitroarenes by Using Organosilanes as Convenient Reductants. Advanced Synthesis and Catalysis, 2020, 362, 3971-3986.	2.1	35
23	Combinatorial identification of a highly soluble phase-selective organogelator with high gelling capacity for crude oil gelation. Journal of Materials Chemistry A, 2018, 6, 10196-10200.	5.2	33
24	Sequential Câ€“H and Câ€“C Bond Cleavage: Divergent Constructions of Fused N-Heterocycles via Tunable Cascade. ACS Catalysis, 2019, 9, 8749-8756.	5.5	33
25	The AIEâ€Active Dualâ€Cationic Molecular Engineering: Synergistic Effect of Dark Toxicity and Phototoxicity for Anticancer Therapy. Advanced Functional Materials, 2021, 31, 2106988.	7.8	32
26	Color-Tunable Delayed Fluorescence and Efficient Spinâ€“Orbit Charge Transfer Intersystem Crossing in Compact Carbazole-Anthracene-Bodipy Triads Employing the Sequential Electron Transfer Approach. Journal of Physical Chemistry C, 2020, 124, 5944-5957.	1.5	31
27	New <scp>Quinoxalineâ€Based</scp> Blue Emitters: Molecular Structures, <scp>Aggregationâ€Induced</scp> Enhanced Emission Characteristics and <scp>OLED</scp> Application. Chinese Journal of Chemistry, 2021, 39, 2154-2162.	2.6	31
28	Dual Thermoresponsive and pH-Responsive Poly(vinyl alcohol) Derivatives: Synthesis, Phase Transition Study, and Functional Applications. Macromolecules, 2016, 49, 7478-7489.	2.2	30
29	Alkoxy chain regulated stimuli-responsive AIE luminogens based on tetraphenylethylene substituted phenanthroimidazoles and non-doped OLEDs with negligible efficiency roll-off. Journal of Materials Chemistry C, 2020, 8, 4139-4147.	2.7	29
30	K₂CO₃-promoted aerobic oxidative cross-coupling of trialkyl phosphites with thiophenols. RSC Advances, 2017, 7, 45416-45419.	1.7	27
31	Multi-responsive, bidirectional, and large deformation bending actuators based on borax cross-linked polyvinyl alcohol derivative hydrogel. RSC Advances, 2017, 7, 40005-40014.	1.7	26
32	Comparative studies on OLED performances of chloro and fluoro substituted Zn(<scp>ii</scp>) 8-hydroxyquinolinates. New Journal of Chemistry, 2015, 39, 333-341.	1.4	25
33	Aggregation-state engineering and emission switching in Dâ€“Aâ€“Dâ€² AIEgens featuring dual emission, MCL and white electroluminescence. Journal of Materials Chemistry C, 2020, 8, 8061-8068.	2.7	25
34	Optimized Association of Short Alkyl Side Chains Enables Stiff, Self-Recoverable, and Durable Shape-Memory Hydrogel. ACS Applied Materials & Interfaces, 2019, 11, 19554-19564.	4.0	24
35	Copper-catalyzed oxidative multicomponent reaction: synthesis of imidazo fused heterocycles with molecular oxygen. Organic and Biomolecular Chemistry, 2018, 16, 7143-7151.	1.5	23
36	Fluorescence probes based on AIE luminogen: application for sensing Hg²⁺ in aqueous media and cellular imaging. New Journal of Chemistry, 2018, 42, 13836-13846.	1.4	23

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37	Weak coordinated nitrogen functionality enabled regioselective Câ€“H alkynylation via Pd(ii)/mono-N-protected amino acid catalysis. Chemical Communications, 2020, 56, 11255-11258.	2.2	23
38	A novel quinolinyl-tetraphenylethene-based fluorescence â€œturn-onâ€•sensor for Zn²⁺ with a large Stokes shift and its applications for portable test strips and biological imaging. Materials Chemistry Frontiers, 2020, 4, 3338-3348.	3.2	22
39	Tuning the Triplet Excited State of Bis(dipyrrin) Zinc(II) Complexes: Symmetry Breaking Charge Transfer Architecture with Exceptionally Long Lived Triplet State for Upconversion. Chemistry - A European Journal, 2020, 26, 14912-14918.	1.7	22
40	Copper-Catalyzed Electrophilic Amination of Arylboronic Acids with Anthranils: An Access to N-Aryl-2-aminophenones. Journal of Organic Chemistry, 2020, 85, 10222-10231.	1.7	22
41	Polar Solvent-Induced Unprecedented Supergelation of (Un)Weathered Crude Oils at Room Temperature. Langmuir, 2018, 34, 8058-8064.	1.6	21
42	Optimizing Intermolecular Interactions and Energy Level Alignments of Red TADF Emitters for Highâ€Performance Organic Lightâ€Emitting Diodes. Small, 2022, 18, e2201548.	5.2	20
43	Monopeptide-Based Powder Gelators for Instant Phase-Selective Gelation of Aprotic Aromatics and for Toxic Dye Removal. Langmuir, 2020, 36, 9090-9098.	1.6	19
44	Selfâ€Assembly of Five 8â€Hydroxyquinolinateâ€Based Complexes: Tunable Core, Supramolecular Structure, and Photoluminescence Properties. Chemistry - an Asian Journal, 2014, 9, 1913-1921.	1.7	18
45	DDQâ€Promoted Allylic Câ^'H Phosphorylation of 1,3â€Diarylpropenes. Advanced Synthesis and Catalysis, 2018, 360, 3590-3594.	2.1	18
46	TBHP/NH₄I-Mediated Direct Nâ€“H Phosphorylation of Imines and Imidates. Journal of Organic Chemistry, 2019, 84, 14949-14956.	1.7	18
47	Ironâ€Catalyzed and Airâ€Mediated C(sp³)â^'H Phosphorylation of 1,3â€Dicarbonyl Compounds Involving Câ^'C Bond Cleavage. Advanced Synthesis and Catalysis, 2020, 362, 5783-5787.	2.1	18
48	Proton conductive and low methanol permeable PVA-based zwitterionic membranes. International Journal of Hydrogen Energy, 2016, 41, 20373-20384.	3.8	17
49	Cs₂CO₃-promoted methylene insertion into disulfide bonds using acetone as a methylene source. Organic and Biomolecular Chemistry, 2018, 16, 4086-4089.	1.5	17
50	Intermolecular Multiple Dehydrogenative Crossâ€Couplings of Ketones with Boronic Acids and Amines via Copper Catalysis. Advanced Synthesis and Catalysis, 2019, 361, 3886-3892.	2.1	17
51	Triplet harvesting aryl carbonyl-based luminescent materials: progress and prospective. Journal of Materials Chemistry C, 2021, 9, 17233-17264.	2.7	17
52	Highly selective and sensitive colorimetric chemosensors for Hg²⁺ based on novel diaminomaleonitrile derivatives. RSC Advances, 2016, 6, 5503-5511.	1.7	16
53	Polystyrene sulfonate threaded in MIL-101Cr(<scp>iii</scp>) as stable and efficient acid catalysts. Dalton Transactions, 2016, 45, 18084-18088.	1.6	15
54	Direct Synthesis of ortho-Halogenated Arylphosphonates via a Three-Component Reaction Involving Arynes. Journal of Organic Chemistry, 2021, 86, 7010-7018.	1.7	15

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55	Integrating Metabolic Engineering and Heterogeneous Chemocatalysis: New Opportunities for Biomass to Chemicals. ChemSusChem, 2016, 9, 1078-1080.	3.6	13
56	Nickel-Catalyzed Hydroamination of Olefins with Anthranils. Journal of Organic Chemistry, 2021, 86, 12107-12118.	1.7	13
57	Phenyl 4-Fluorobenzene Sulfonate as a Versatile Film-Forming Electrolyte Additive for Wide-Temperature-Range NCM811//Graphite Batteries. ACS Applied Energy Materials, 2022, 5, 6324-6334.	2.5	13
58	Red Lightâ€Emitting Thermallyâ€Activated Delayed Fluorescence of Naphthalimideâ€Phenoxazine Electron Donorâ€Acceptor Dyad: Timeâ€Resolved Optical and Magnetic Spectroscopic Studies. Chemistry - A European Journal, 2022, 28, .	1.7	12
59	The Dynamics, energetics and selectivity of water chain-containing aquapores created by the self-assembly of aquafoldamer molecules. Organic and Biomolecular Chemistry, 2015, 13, 10613-10619.	1.5	11
60	Highly efficient thermally activated delayed fluorescence emitters enabled by double charge transfer pathways via ortho-linked triarylboron/carbazole hybrids. Journal of Materials Chemistry C, 2021, 9, 1678-1684.	2.7	11
61	Versatile azaryl-ketone-based blue AIEgens for efficient organic light-emitting diodes. Dyes and Pigments, 2021, 195, 109729.	2.0	11
62	A yellow-green tetranuclear Cd(II) (8-quinolinolato) chelate with thiophene group: synthesis, crystal structure, photophysical properties and DNA binding. Tetrahedron, 2015, 71, 4015-4022.	1.0	10
63	Polyvinyl Alcoholâ€Based Thermogel with Tunable Gelation and Selfâ€Healing Property. Macromolecular Chemistry and Physics, 2018, 219, 1800162.	1.1	10
64	Recyclable fluorescent chemodosimeters based on 8-hydroxyquinoline derivatives for highly sensitive and selective detection of mercury(II) in aqueous media and test strips. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 196-205.	2.0	10
65	Rh(III)â€Catalyzed Selective ortho â€Câˆ'H Amination of Benzoic Acids with Anthranils: A Facile Access to Anthranilic Acid Derivatives (AAs). ChemCatChem, 2020, 12, 2721-2725.	1.8	10
66	Polymorphic mechanoresponsive luminescent material based on a fluoreneâ€“phenanthroimidazole hybrid by modulation of intramolecular conformation and intermolecular interaction. CrystEngComm, 2020, 22, 2147-2157.	1.3	10
67	Modular construction of functionalized anilines via switchable Câ€“H and N-alkylations of traceless N-nitroso anilines with olefins. Organic Chemistry Frontiers, 2022, 9, 2746-2752.	2.3	10
68	Mixed bromine/chlorine transformation products of tetrabromobisphenol A: Potential specific molecular markers in e-waste dismantling areas. Journal of Hazardous Materials, 2022, 423, 127126.	6.5	9
69	Color-tunable solid-state emissions of Zn(II) and Cd(II) complexes derived from cyano-modified 2-substituted 8-hydroxyquinolines. Polyhedron, 2016, 119, 175-183.	1.0	8
70	Stimuli-Responsive Aggregation-Induced Delayed Fluorescence Emitters Featuring the Asymmetric Dâ€“A Structure with a Novel Diarylketone Acceptor Toward Efficient OLEDs with Negligible Efficiency Roll-Off. ACS Applied Materials & Interfaces, 2020, 12, 29528-29539.	4.0	8
71	Sequential Câ€“H activation enabled expedient delivery of polyfunctional arenes. Chemical Communications, 2021, 57, 8075-8078.	2.2	8
72	Heat resistant microporous membranes based on soluble poly(aryl ether ketone) copolymers for lithium ion battery separator. Journal of Applied Polymer Science, 2021, 138, 50895.	1.3	8

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73	A highly active and selective chalcogen bond-mediated perchlorate channel. Chinese Chemical Letters, 2022, 33, 2026-2030.	4.8	8
74	Practical synthesis of 3-aryl anthranils via an electrophilic aromatic substitution strategy. Chemical Science, 2022, 13, 2105-2114.	3.7	8
75	DMSO-accelerated rapid gelation of crude oils at room temperature. Supramolecular Chemistry, 2018, 30, 1011-1016.	1.5	6
76	Asymmetric aggregation-induced emission materials with double stable configurations toward promoted performance in non-doped organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 16858-16869.	2.7	6
77	Sensitive and Repeatable Photoinduced Luminescent Radicals from Aâ€‰Simple Organic Crystal. Angewandte Chemie, 2021, 133, 6437-6441.	1.6	6
78	Sulphurâ€Embedded Hydrocarbon Belts: Synthesis, Structure and Redox Chemistry of Cyclothianthrenes. Angewandte Chemie, 2021, 133, 18591-18595.	1.6	6
79	â€œLikeâ€“Likesâ€“Likeâ€•strategy for the design of electron transport materials and emitters with facilitated interlayer electron transport and improved efficiency. Journal of Materials Chemistry C, 2022, 10, 3103-3113.	2.7	6
80	New donorâ€“Ïâ€“acceptor AIEgens: Influence of Ï€ bridge on luminescence properties and electroluminescence application. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 428, 113891.	2.0	6
81	Large effects of tiny structural changes on the AIE-TADF type xanthone derivatives in mechano-responsive luminescence and electroluminescence. Dyes and Pigments, 2022, 205, 110550.	2.0	6
82	The Ionic Organic Cage: An Effective and Recyclable Testbed for Catalytic CO2 Transformation. Catalysts, 2021, 11, 358.	1.6	5
83	Ligand-accelerated site-selective Csp²–H and Csp³–H alkynylations of alcohols via Pd(<scp>ii</scp>) catalysis. Organic Chemistry Frontiers, 2021, 8, 6484-6490.	2.3	5
84	Colorless phenanthroimidazole photoinitiators featuring tunable D-Ï€-A configuration by frontier molecular orbital engineering. Dyes and Pigments, 2022, 205, 110551.	2.0	5
85	Synthesis, crystal structure, and photophysical properties of a double open cubane-like Cd(II) complex based on 2-substituted-8-hydroxyquinoline. Journal of Coordination Chemistry, 2014, 67, 1141-1155.	0.8	4
86	The geometry of intermolecular interactions in fluorine-containing 8-hydroxyquinoline cobalt(II) and copper(II) complexes: Synthesis, crystal structure and characterization. Journal of Fluorine Chemistry, 2015, 180, 168-174.	0.9	4
87	Research Progress on Aggregation-Induced Delayed Fluorescence in Materials and Devices. Chinese Journal of Organic Chemistry, 2021, 41, 3050.	0.6	4
88	Synthesis and Photophysics of Novel Soluble Polymeric Zn Metal Complex Based on Bis(8â€hydroxyquinoline) Groups with Benzene Unit. Chinese Journal of Chemistry, 2010, 28, 1389-1394.	2.6	3
89	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. Journal of Molecular Structure, 2020, 1212, 127770.	1.8	3
90	Two cubane-type Ln4(OH)4 compounds derived from tridentate ligand 8-hydroxyquinoline: Synthesis, structures, one/two-photon luminescence and magnetism. Journal of Luminescence, 2018, 198, 208-214.	1.5	2