

# Xi-You Li

## List of Publications by Year in descending order

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papers

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117453

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#	ARTICLE	IF	CITATIONS
1	Construction of CoP/NiCoP Nanotadpoles Heterojunction Interface for Wide pH Hydrogen Evolution Electrocatalysis and Supercapacitor. <i>Advanced Energy Materials</i> , 2019, 9, 1901213.	10.2	275
2	Ultrafast Aggregate-to-Aggregate Energy Transfer within Self-assembled Light-Harvesting Columns of Zinc Phthalocyanine Tetrakis(Perylene diimide). <i>Journal of the American Chemical Society</i> , 2004, 126, 10810-10811.	6.6	273
3	High Performance Organic Field-Effect Transistors Based on Amphiphilic Tris(phthalocyaninato) Rare Earth Triple-Decker Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 15700-15701.	6.6	194
4	An efficient hydrogen evolution catalyst composed of palladium phosphorous sulphide ( $\text{PdP}_{0.33}\text{S}_{41.67}$ ) and twin nanocrystal $\text{Zn}_{0.5}\text{Cd}_{0.5}\text{S}$ solid solution with both homo- and hetero-junctions. <i>Energy and Environmental Science</i> , 2017, 10, 225-235.	15.6	169
5	Morphology Controlled Self-Assembled Nanostructures of Sandwich Mixed (Phthalocyaninato)(Porphyrinato) Europium Triple-Decker. Effect of Hydrogen Bonding on Tuning the Intermolecular Interaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 11623-11630.	6.6	146
6	Construction of multi-dimensional core/shell Ni/NiCoP nano-heterojunction for efficient electrocatalytic water splitting. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118039.	10.8	124
7	Facile preparation of N-doped corn-cob-derived carbon nanofiber efficiently encapsulating $\text{Fe}_2\text{O}_3$ nanocrystals towards high ORR electrocatalytic activity. <i>Journal of Energy Chemistry</i> , 2020, 44, 121-130.	7.1	100
8	Elucidating heterogeneous photocatalytic superiority of microporous porphyrin organic cage. <i>Nature Communications</i> , 2020, 11, 1047.	5.8	100
9	High-precision regulation synthesis of Fe-doped $\text{Co}_2\text{P}$ nanorod bundles as efficient electrocatalysts for hydrogen evolution in all-pH range and seawater. <i>Journal of Energy Chemistry</i> , 2021, 55, 92-101.	7.1	89
10	Robust Biological Hydrogen-Bonded Organic Framework with Post-Functionalized Rhenium(I) Sites for Efficient Heterogeneous Visible-Light-Driven $\text{CO}_2$ Reduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8983-8989.	7.2	83
11	Efficient ORR electrocatalytic activity of peanut shell-based graphitic carbon microstructures. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12018-12028.	5.2	81
12	Cyclophanes of Perylene Tetracarboxylic Diimide with Different Substituents at Bay Positions. <i>Chemistry - A European Journal</i> , 2008, 14, 7000-7010.	1.7	71
13	Perylenetetracarboxylic diimide covalently bonded with mesoporous g-C <sub>3</sub> N <sub>4</sub> to construct direct Z-scheme heterojunctions for efficient photocatalytic oxidative coupling of amines. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120534.	10.8	71
14	Pb(II) metal-organic nanotubes based on cyclodextrins: biphasic synthesis, structures and properties. <i>Chemical Science</i> , 2012, 3, 2282.	3.7	70
15	Synthesis, Characterization, and OFET Properties of Amphiphilic Heteroleptic Tris(phthalocyaninato) Europium(III) Complexes with Hydrophilic Poly(oxyethylene) Substituents. <i>Inorganic Chemistry</i> , 2007, 46, 11397-11404.	1.9	68
16	Amphiphilic Perylenetetracarboxyl Diimide Dimer and Its Application in Field Effect Transistor. <i>Langmuir</i> , 2007, 23, 5836-5842.	1.6	66
17	The cobalt carbide/bimetallic CoFe phosphide dispersed on carbon nanospheres as advanced bifunctional electrocatalysts for the ORR, OER, and rechargeable Zn-air batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 321-329.	5.0	66
18	Effect of Peripheral Hydrophobic Alkoxy Substitution on the Organic Field Effect Transistor Performance of Amphiphilic Tris(phthalocyaninato) Europium Triple-Decker Complexes. <i>Langmuir</i> , 2007, 23, 12549-12554.	1.6	64

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19	Effects of Heteroatoms of Tetracene and Pentacene Derivatives on Their Stability and Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2014, 118, 5700-5708.	1.1	64
20	A homojunctionâ€“heterojunctionâ€“homojunction scaffold boosts photocatalytic H <sub>2</sub> evolution over Cd <sub>0.5</sub> Zn <sub>0.5</sub> S/CoO hybrids. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1955-1965.	5.2	60
21	Exchangeable cations-mediated photodegradation of polycyclic aromatic hydrocarbons (PAHs) on smectite surface under visible light. <i>Journal of Hazardous Materials</i> , 2015, 287, 16-23.	6.5	59
22	A Covalently Linked Tetracene Trimer: Synthesis and Singlet Exciton Fission Property. <i>Organic Letters</i> , 2017, 19, 580-583.	2.4	56
23	Introduction of Multifunctional Triphenylamino Derivatives at the Perovskite/HTL Interface To Promote Efficiency and Stability of Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 9300-9306.	4.0	53
24	Synthesis and photophysical properties of a â€œface-to-faceâ€“stacked tetracene dimer. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 6523-6531.	1.3	52
25	Effect of low-molecular-weight organic acids on photo-degradation of phenanthrene catalyzed by Fe(III)â€“smectite under visible light. <i>Chemosphere</i> , 2015, 138, 266-271.	4.2	50
26	Efficient Enrichment and Analyses of Bacteria at Ultralow Concentration with Quick-Response Magnetic Nanospheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 9416-9425.	4.0	49
27	Free-triplet generation with improved efficiency in tetracene oligomers through spatially separated triplet pair states. <i>Nature Chemistry</i> , 2021, 13, 559-567.	6.6	46
28	Solar energy-driven upcycling of plastic waste on direct Z-scheme heterostructure of V-substituted phosphomolybdic acid/g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121496.	10.8	45
29	Fluorescence Quenching in a Perylenetetracarboxylic Diimide Trimer. <i>Journal of the American Chemical Society</i> , 2009, 131, 30-31.	6.6	44
30	Modification of gâ€“C <sub>3</sub> N <sub>4</sub> Photocatalyst with Flowerâ€“like ReS <sub>2</sub> for Highly Efficient Photocatalytic Hydrogen Evolution. <i>ChemCatChem</i> , 2020, 12, 6385-6392.	1.8	40
31	The lower rather than higher density charge carrier determines the NH <sub>3</sub> -sensing nature and sensitivity of ambipolar organic semiconductors. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1009-1016.	3.2	38
32	Color-tunable upconversion emission from a twisted intramolecular charge-transfer state of anthracene dimers <i>via</i> tripletâ€“triplet annihilation. <i>Materials Horizons</i> , 2019, 6, 990-995.	6.4	37
33	Enhanced photocatalytic activity for hydrogen evolution from water by Zn <sub>0.5</sub> Cd <sub>0.5</sub> S/WS <sub>2</sub> heterostructure. <i>Materials Science in Semiconductor Processing</i> , 2017, 59, 68-75.	1.9	36
34	N-channel organic thin-film transistors based on a soluble cyclized perylene tetracarboxylic diimide dimer. <i>Organic Electronics</i> , 2013, 14, 1197-1203.	1.4	35
35	Covalently linked perylenetetracarboxylic diimide dimers and trimers with rigid â€œJ-typeâ€“aggregation structure. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16399.	1.3	34
36	Singlet exciton fission in a linear tetracene tetramer. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3245-3253.	2.7	34

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37	A Zn <sub>0.5</sub> Cd <sub>0.5</sub> S Photocatalyst Modified by 2D Black Phosphorus for Efficient Hydrogen Evolution from Water. <i>ChemCatChem</i> , 2018, 10, 4395-4405.	1.8	34
38	A high-performance photoelectrochemical sensor for the specific detection of H <sub>2</sub> O <sub>2</sub> and glucose based on an organic conjugated microporous polymer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26216-26225.	5.2	31
39	A perylenediimide modified SiO <sub>2</sub> @TiO <sub>2</sub> yolk-shell light-responsive nanozyme: Improved peroxidase-like activity for H <sub>2</sub> O <sub>2</sub> and sarcosine sensing. <i>Journal of Hazardous Materials</i> , 2022, 436, 129321.	6.5	29
40	High Sensitive Ambipolar Response towards Oxidizing NO <sub>2</sub> and Reducing NH <sub>3</sub> Based on Bis(phthalocyaninato) Europium Semiconductors. <i>Chinese Journal of Chemistry</i> , 2016, 34, 975-982.	2.6	28
41	L-Cysteine assisted synthesis of Zn <sub>0.5</sub> Cd <sub>0.5</sub> S solid solution with different morphology, crystal structure and performance for H <sub>2</sub> evolution. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 18220-18231.	3.8	28
42	Synthesis and aggregation properties of a series of dumbbell polyhedral oligosilsesquioxane-erylene diimide triads. <i>CrystEngComm</i> , 2015, 17, 1453-1463.	1.3	27
43	Polymorphism in the self-assembled nanostructures of a tris(phthalocyaninato) europium derivative: Phase-dependent semiconducting and NO <sub>2</sub> sensing behaviour. <i>Organic Electronics</i> , 2018, 53, 127-134.	1.4	26
44	Modification of twin crystal Cd <sub>0.5</sub> Zn <sub>0.5</sub> S photocatalyst with up-conversion nanoparticles for efficient photocatalytic H <sub>2</sub> -production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 24559-24571.	3.8	26
45	Strong Visible-Light-Absorbing Cuprous Sensitizers for Dramatically Boosting Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12951-12957.	7.2	26
46	Novel heteroatom sulfur porphyrin organic polymer as a metal-free electrocatalyst for acidic oxygen reduction reaction. <i>Electrochimica Acta</i> , 2021, 377, 138107.	2.6	26
47	Surface Decorating of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> Nanoparticles with the Chemically Adsorbed Perylenetetracarboxylic Diimide. <i>Langmuir</i> , 2016, 32, 3294-3299.	1.6	25
48	Supramolecular organogels based on perylenetetracarboxylic diimide dimer or hexamer. <i>Soft Matter</i> , 2011, 7, 6213.	1.2	24
49	Effects of aromatic substituents on the electronic structure and excited state energy levels of diketopyrrolopyrrole derivatives for singlet fission. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22997-23006.	1.3	24
50	High-performance ambipolar responses to oxidizing NO <sub>2</sub> and reducing NH <sub>3</sub> based on the self-assembled film of an amphiphilic tris(phthalocyaninato) europium complex. <i>New Journal of Chemistry</i> , 2017, 41, 11955-11961.	1.4	23
51	Robust Biological Hydrogen-Bonded Organic Framework with Post-Functionalized Rhenium(I) Sites for Efficient Heterogeneous Visible-Light-Driven CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , 2021, 133, 9065-9071.	1.6	23
52	Novel crown ether substituted phthalocyanine with good gas sensing properties to NO <sub>2</sub> . <i>Journal of Materials Chemistry</i> , 1999, 9, 1415-1418.	6.7	21
53	Synthesis and Hollow-Sphere Nanostructures of Optically Active Metal-Free Phthalocyanine. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4255-4261.	1.0	21
54	Controlled preparation of CdS nanoparticle arrays in amphiphilic perylene tetracarboxylic diimides: organization, electron-transfer and semiconducting properties. <i>CrystEngComm</i> , 2014, 16, 1277.	1.3	20

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55	Conversion of rice husk biomass into electrocatalyst for oxygen reduction reaction in Zn-air battery: Effect of self-doped Si on performance. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1014-1023.	5.0	20
56	Intramolecular singlet fission in a face-to-face stacked tetracene trimer. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6330-6336.	1.3	19
57	Functionalized CNTs as Effective Additives to Improve the Efficiency of Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 11674-11680.	2.5	19
58	Enhanced Performance and Stability of Planar Perovskite Solar Cells by Interfacial Engineering using Fluorinated Aliphatic Amines. <i>ACS Applied Energy Materials</i> , 2019, 2, 6230-6236.	2.5	18
59	High-performance and wearable hazardous gases sensor based on n-n heterojunction film of NGO and tetrakis(1-pyrenyl)porphyrin. <i>Journal of Hazardous Materials</i> , 2021, 419, 126460.	6.5	18
60	Turning built-in electric field of porphyrin on Ti <sup>3+</sup> self-doped blue-TiO <sub>2</sub> hollow nanospheres boosts peroxidase-like activity for high-performance biosensing. <i>Chemical Engineering Journal</i> , 2022, 441, 136070.	6.6	18
61	Structural and property comparison between the di- $\epsilon$ -piperidinyl- and di- $\epsilon$ -pyrrolidinyl-substituted perylene tetracarboxylic diimides. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 621-629.	0.9	17
62	Effects of substituents on tetracene derivatives on their stabilities and singlet fission. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 51, 86-96.	1.3	17
63	Perylenetetracarboxylic diimide modified Zn 0.7 Cd 0.3 S hybrid photocatalyst for efficient hydrogen production from water under visible light irradiation. <i>Inorganic Chemistry Communication</i> , 2018, 92, 27-34.	1.8	17
64	High-Efficiency Thickness-Insensitive Organic Solar Cells with an Insulating Polymer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 11134-11143.	4.0	16
65	Determination of the Absolute Number Concentration of Nanoparticles and the Active Affinity Sites on Their Surfaces. <i>Analytical Chemistry</i> , 2016, 88, 10134-10142.	3.2	15
66	Controlled morphology of self-assembled microstructures via solvent-vapor annealing temperature and ambipolar OFET performance based on a tris(phthalocyaninato) europium derivative. <i>Dyes and Pigments</i> , 2017, 143, 203-210.	2.0	15
67	Diverse sensor responses from two functionalized tris(phthalocyaninato)europium ambipolar semiconductors towards three oxidative and reductive gases. <i>Journal of Materials Chemistry C</i> , 2019, 7, 424-433.	2.7	15
68	Enhancing triplet sensitization ability of donor-acceptor dyads via intramolecular triplet energy transfer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3536-3544.	2.7	15
69	Creation of carbon defects and in-plane holes with the assistance of NH <sub>4</sub> Br to enhance the photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> . <i>Catalysis Science and Technology</i> , 0, , .	2.1	15
70	Construction of multi-scale 1D/2D CdS/ZnS(en) <sub>0.5</sub> nanorod/nanosheet heterojunction to boost photocatalytic hydrogen generation performance. <i>Applied Surface Science</i> , 2022, 578, 152033.	3.1	15
71	Ambipolar chemical sensors based on the self-assembled film of an amphiphilic (phthalocyaninato) (porphyrinato) europium complex. <i>Inorganic Chemistry Communication</i> , 2017, 86, 1-5.	1.8	14
72	Control on the homogeneity and crystallinity of Zn <sub>0.5</sub> Cd <sub>0.5</sub> S nanocomposite by different reaction conditions with high photocatalytic activity for hydrogen production from water. <i>Materials Characterization</i> , 2018, 144, 57-65.	1.9	14

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73	Toward ultrasensitive and fast colorimetric detection of indoor formaldehyde across the visible region using cetyltrimethylammonium chloride-capped bone-shaped gold nanorods as $\alpha$ -chromophores. <i>Analyst</i> , 2019, 144, 4582-4588.	1.7	14
74	Porphyrin polymer-derived single-atom Fe assisted by Fe <sub>2</sub> O <sub>3</sub> with oxygen vacancy for efficient oxygen reduction reaction. <i>Applied Surface Science</i> , 2022, 592, 153301.	3.1	14
75	Construction of heterojunctions between ReS <sub>2</sub> and twin crystal Zn <sub>x</sub> Cd <sub>1-x</sub> S for boosting solar hydrogen evolution. <i>New Journal of Chemistry</i> , 2021, 45, 5137-5145.	1.4	13
76	Enhancing the intermolecular singlet fission efficiency by controlling the self-assembly of amphipathic tetracene derivatives in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11090-11098.	2.7	12
77	Tuning of the stability and energy levels of singlet exciton fission relevant excited states of pentacenes by site-specific substitution. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 66, 187-195.	1.3	11
78	Efficient Schottky Junction Construction in Metal-Organic Frameworks for Boosting H <sub>2</sub> Production Activity. <i>Advanced Science</i> , 2021, 8, 2004456.	5.6	11
79	Crystallization Kinetics Engineering toward High-Performance and Stable CsPbBr <sub>3</sub> -Based Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 10610-10617.	2.5	10
80	Inspired from Spiro-OMeTAD: developing ambipolar spirobifluorene derivatives as effective passivation molecules for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1357-1364.	2.7	10
81	Detecting the micellization of anionic surfactants by a colorimetric and fluorescent probe based on electrostatic attraction. <i>Colloid and Polymer Science</i> , 2014, 292, 1577-1584.	1.0	9
82	A calix[4]arene-modified (Pc)Eu(Pc)Eu[T(C4A)PP]-based sensor for highly sensitive and specific host-guest electrochemical recognition. <i>Dalton Transactions</i> , 2019, 48, 718-727.	1.6	9
83	Tuning singlet fission in amphipathic tetracene nanoparticles by controlling the molecular packing with side-group engineering. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2113-2125.	3.2	9
84	Applying triplet-triplet annihilation upconversion in degradation of oxidized lignin model with good selectivity. <i>Chemical Engineering Journal</i> , 2022, 431, 133377.	6.6	9
85	Synthesis and photophysical properties of a single bond linked tetracene dimer. <i>Journal of Molecular Structure</i> , 2016, 1116, 200-206.	1.8	8
86	Tuning the singlet fission relevant energetic levels of quinoidal bithiophene compounds by means of backbone modifications and functional group introduction. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5795-5802.	1.3	8
87	Hierarchical Self-Assembly of Tetrakis(1-pyrenyl)porphyrins into Microscopic Petals and Flowers with Ultrasensitive Room-Temperature NO <sub>2</sub> Sensing in a Broad Humidity Range. <i>ChemNanoMat</i> , 2019, 5, 1408-1417.	1.5	8
88	Fine-Tuning Intermolecular and Intramolecular Interactions to Build the Films of Tris(Phthalocyaninato) Rare Earth Complexes and Their Comparative Performances in Ambipolar Gas Sensing. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 1930-1936.	1.6	8
89	Strong Visible-Light-Absorbing Cuprous Sensitizers for Dramatically Boosting Photocatalysis. <i>Angewandte Chemie</i> , 2020, 132, 13051-13057.	1.6	8
90	Modifying perovskite solar cells with l(+)-cysteine at the interface between mesoporous TiO <sub>2</sub> and perovskite. <i>Sustainable Energy and Fuels</i> , 2020, 4, 878-883.	2.5	8



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91	Improved Perovskite/Carbon Interface through Hot-Pressing: A Case Study for CsPbBr <sub>3</sub> -Based Perovskite Solar Cells. ACS Omega, 2022, 7, 16877-16883.	1.6	8
92	Embedding SnO <sub>2</sub> Thin Shell Protected Ag Nanowires in SnO <sub>2</sub> ETL to Enhance the Performance of Perovskite Solar Cells. Langmuir, 2022, 38, 6752-6760.	1.6	8
93	Efficient collection of excitation energy from a linear-shaped weakly interacted perylenetetracarboxylic diimides array. Physical Chemistry Chemical Physics, 2013, 15, 17342.	1.3	7
94	Self-Supported PANI@MnO <sub>2</sub> Coaxial Nanowire Network Sponge as a Binder Free Electrode for Supercapacitors. Journal of Nanoscience and Nanotechnology, 2020, 20, 4203-4209.	0.9	7
95	Aggregation behavior of naphthalimide fluorescent surfactants in aqueous solution. Colloid and Polymer Science, 2014, 292, 687-698.	1.0	6
96	Surface Modification of Methylamine Lead Halide Perovskite with Aliphatic Amine Hydroiodide. Langmuir, 2018, 34, 9507-9515.	1.6	6
97	Solution-processable (Pc <sup>2+</sup> )Eu(Pc <sup>2+</sup> )Eu[TP(OH)PP]/rGO bilayer heterojunction organic transistors with exceptional excellent ambipolar performance. Journal of Materials Science: Materials in Electronics, 2019, 30, 12437-12446.	1.1	6
98	Study on the Ultrafast Process of Perovskite Nanoparticles Modified by Different Alkyl Chains. Langmuir, 2020, 36, 1507-1514.	1.6	6
99	A "micropores & active species protection" strategy for the preparation of a high-performance Fe/S/N-composited porous carbon catalyst for efficient oxygen reduction reaction and zinc-air batteries. Sustainable Energy and Fuels, 2021, 5, 5184-5192.	2.5	6
100	A facile iron-sulfur double-doping strategy to prepare high performance FeNx/S-NC electrocatalyst for oxygen reduction reaction in zinc-air battery. Applied Surface Science, 2022, 580, 152255.	3.1	6
101	Singlet fission in colloid nanoparticles of amphiphilic 9,10-bis(phenylethynyl)anthracene derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113826.	2.0	6
102	Ultrafast Energy Transfer in Artificial Antenna Molecule Measured by Transient Fluorescence Spectroscopy. Chinese Journal of Chemical Physics, 2011, 24, 253-255.	0.6	5
103	Synthesis and photophysical properties of a bistetracene compound with slipped stacked structure. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 340, 21-28.	2.0	5
104	Photoinduced electron and energy transfer in an amphiphilic perylenetetracarboxylic diimide derivative/CdS self-assembled hybrid film. Inorganic Chemistry Communication, 2018, 95, 1-7.	1.8	5
105	Cocatalyst-Free Reduction of 4,4'-Dinitrodiphenyl Ether to 4,4'-Diaminodiphenyl Ether Over Twin-Crystal Zn <sub>x</sub> Cd <sub>1-x</sub> S under Visible Light. ChemCatChem, 2021, 13, 4591-4601.	1.8	5
106	A voltammetry biosensor based on self-assembled layers of a heteroleptic tris(phthalocyaninato) europium triple-decker complex and tyrosinase for catechol detection. Enzyme and Microbial Technology, 2020, 139, 109578.	1.6	5
107	Efficient hydrogenation of cinnamaldehyde to 3-phenylpropanol on Ni/NiS-modified twin Zn <sub>0.5</sub> Cd <sub>0.5</sub> S under visible light irradiation. Catalysis Science and Technology, 2022, 12, 3706-3715.	2.1	5
108	Supramolecular organogels based on perylenetetracarboxylic diimide trimers linked with benzenetricarboxylate. Colloid and Polymer Science, 2015, 293, 35-48.	1.0	4

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109	The impact of trans/cis photoisomerization on photoinduced electron transport between 4,4'-stilbenedicarboxylic acid and columnar perylene diimide aggregates in water. <i>Colloid and Polymer Science</i> , 2015, 293, 2469-2475.	1.0	4
110	Evaluation of Fused Aromatic-Substituted Diketopyrrolopyrrole Derivatives for Singlet Fission Sensitizers. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5331-5340.	1.1	4
111	An anionic potassium-organic framework for selective removal of uranyl ions. <i>Dalton Transactions</i> , 2021, 50, 8314-8321.	1.6	4
112	Pyrogallol[4]arene Coordination Nanocapsule Micelle as Bioinspired Water Reduction Catalyst. , 2021, 3, 1315-1320.		4
113	Surface decorating of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> nanoparticles with chemically adsorbed porphyrin. <i>Colloid and Polymer Science</i> , 2019, 297, 595-601.	1.0	3
114	An Activatable Triplet Sensitizer Based on Triplet Electron Transfer and Its Application for Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6389-6397.	1.2	3
115	Electronic Band Structure Engineering of Transition Metal Oxide-doped Carbon Catalysts for Photoassisted Oxygen Reduction and Oxygen Evolution Catalysis. <i>Advanced Materials Interfaces</i> , 0, , 2101386.	1.9	3
116	Linker dependent symmetry breaking charge separation in 9,10-bis(phenylethynyl)anthracene dimers. <i>Materials Chemistry Frontiers</i> , 2022, 6, 707-717.	3.2	3
117	Design of potential singlet fission chromophores based on diketofurofuran: an alternative to diketopyrrolopyrrole. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10404-10411.	2.7	3
118	Singlet Fission in Self-assembled Amphiphatic Tetracene Nanoparticles: Probing the Role of Charge-transfer State. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 397, 112597.	2.0	2
119	Photoinduced electron transfer for improved FET performance based on the hybrid film of an amphiphilic perylene diimide and CdS. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108829.	1.8	2
120	Controlled Preparation and Anti-Sulfate Electrocatalysis of Self-Assembled Multidimensional PtZn Quasi-Cubic Nanodendrites. <i>Advanced Materials Interfaces</i> , 0, , 2101944.	1.9	1
121	Efficient singlet fission in nanoparticles of amphiphatic anthracene-tetracene dyad with broadband light harvesting ability. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1878-1886.	2.7	1