

# Tiesheng Li

## List of Publications by Year in descending order

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69  
papers

1,243  
citations

361413

20  
h-index

454955

30  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-switchable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12811-12816.	13.8	105
2	Synthesis, characterization, and applications in Heck and Suzuki coupling reactions of amphiphilic cyclopalladated ferrocenylimines. <i>Tetrahedron</i> , 2007, 63, 11475-11488.	1.9	63
3	Fabrication of a novel polyhedron-like WO <sub>3</sub> /Ag <sub>2</sub> CO <sub>3</sub> p-n junction photocatalyst with highly enhanced photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 206-217.	3.9	45
4	A novel tunnel-like cyclopalladated arylimine catalyst immobilized on graphene oxide nano-sheet. <i>Nanoscale</i> , 2017, 9, 781-791.	5.6	44
5	Ultra-High Performance of Hyper-Crosslinked Phosphate-Based Polymer for Uranium and Rare Earth Element Adsorption in Aqueous Solution. <i>Langmuir</i> , 2019, 35, 13860-13871.	3.5	42
6	Cyclopalladated ferrocenylimines catalyzed-homocoupling reaction of arylboronic acids in aqueous solvents at room temperature under ambient atmosphere. <i>Catalysis Communications</i> , 2009, 10, 1497-1501.	3.3	41
7	Interfacial Charge Transfer in a Hierarchical Ni <sub>2</sub> P/FeOOH Heterojunction Facilitates Electrocatalytic Oxygen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 2765-2771.	8.0	40
8	The highly efficient Suzuki-Miyaura cross-coupling reaction using cyclopalladated N-alkylferrocenylimine as a catalyst in aqueous medium at room temperature under ambient atmosphere. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1243-1251.	1.8	39
9	Quinoline-based ratiometric fluorescent probe for detection of physiological pH changes in aqueous solution and living cells. <i>Talanta</i> , 2019, 192, 6-13.	5.5	38
10	Branched Au Nanostructures Enriched with a Uniform Facet: Facile Synthesis and Catalytic Performances. <i>Scientific Reports</i> , 2015, 4, 5259.	3.3	34
11	Investigation of the kinetics and mechanism of Z-scheme Ag <sub>3</sub> PO <sub>4</sub> /WO <sub>3</sub> p-n junction photocatalysts with enhanced removal efficiency for RhB. <i>New Journal of Chemistry</i> , 2019, 43, 17104-17115.	2.8	30
12	The mechanism of a self-assembled Pd(ferrocenylimine)-Si compound-catalysed Suzuki coupling reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 1667-1676.	4.1	27
13	Langmuir-Blodgett films of cyclopalladated ferrocenylimine: preparation, characterization, and application in Suzuki coupling reaction. <i>Tetrahedron</i> , 2009, 65, 2599-2604.	1.9	26
14	N-hydroxymethyl acrylamide polymer brush and its application in catalyzing coupling reaction. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 409-418.	9.4	25
15	Cyclopalladated Arylimine Self-Assembly Films for Suzuki Reaction. <i>ChemCatChem</i> , 2013, 5, 1481-1489.	3.7	25
16	Thirty-minute preparation of microporous polyimides with large surface areas for ammonia adsorption. <i>Green Chemistry</i> , 2020, 22, 7003-7009.	9.0	22
17	Enhanced dual-wavelength sensitive red upconversion luminescence in Bi <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> phosphors via optical-inert ions doping. <i>Dyes and Pigments</i> , 2018, 154, 242-251.	3.7	21
18	Enhanced dual-wavelength sensitive upconversion luminescence of BiPO <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> phosphors by Sc <sup>3+</sup> doping. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 229, 20-26.	3.5	21

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19	Atom-economical preparation of polybismaleimide-based microporous organic polymers. <i>Green Chemistry</i> , 2019, 21, 2326-2333.	9.0	21
20	Facile Preparation of a Hierarchical C/rGO/FeO <sub>x</sub> Composite with Superior Microwave Absorption Performance. <i>Langmuir</i> , 2019, 35, 3688-3693.	3.5	21
21	Structural competition between $\pi\text{-}\pi$ interactions and halogen bonds: a crystallographic study. <i>CrystEngComm</i> , 2013, 15, 769-774.	2.6	20
22	The recyclable cyclopalladated ferrocenylimine self-assembly catalytic film and investigation of its role in the mechanism of heterogeneous catalysis. <i>RSC Advances</i> , 2014, 4, 26413-26420.	3.6	20
23	Cyclopalladated ferrocenylimine functionalized polymer brushes film and its mechanism investigation of heterogeneous catalysis. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 293-299.	4.8	19
24	A simple, recyclable, and self-assembled palladium(II)-alkyl Schiff base complex for Suzuki coupling reaction: chain length dependence and heterogeneous catalysis. <i>RSC Advances</i> , 2016, 6, 84815-84824.	3.6	19
25	Schiff-based Pd(II)/Fe(III) bimetallic self-assembly monolayer—preparation, structure, catalytic dynamic and synergistic. <i>Molecular Catalysis</i> , 2019, 469, 75-86.	2.0	19
26	Enhanced dual-wavelength upconversion luminescence, thermosensitivity and DMMP detection of multifunctional Gd <sub>2</sub> MoO <sub>6</sub> : Er <sup>3+</sup> /Yb <sup>3+</sup> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2020, 847, 156399.	5.5	18
27	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020, 132, 12911-12916.	2.0	18
28	Multifunctional BiF <sub>3</sub> :Ln <sup>3+</sup> (Ln = Ho, Er, Tm)/Yb <sup>3+</sup> nanoparticles: an investigation on the emission color tuning, thermosensitivity, and bioimaging. <i>RSC Advances</i> , 2019, 9, 10889-10896.	3.6	17
29	Novel polymeric nonionic photoacid generators and corresponding polymer Langmuir-Blodgett (LB) films for photopatterning. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 219, 50-57.	3.9	16
30	Investigation on Electron Distribution and Synergetic to Enhance Catalytic Activity in Bimetallic Ni(II)/Pd(II) Molecular Monolayer. <i>ChemCatChem</i> , 2018, 10, 5141-5153.	3.7	16
31	Excitation-Dependent Circularly Polarized Luminescence from Helical Assemblies Based on Tartaric Acid-Derived Acylhydrazones. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202205633.	13.8	16
32	Cyclopalladated ferrocenylimines as efficient catalysts for homogeneous catalysis: A brief introduction to our preliminary achievements. <i>Science Bulletin</i> , 2010, 55, 2784-2793.	1.7	15
33	Effects of optical-inert ions on upconversion luminescence and temperature sensing properties of ScVO <sub>4</sub> :10%Yb <sup>3+</sup> /2%Er <sup>3+</sup> nano/micro-particles. <i>RSC Advances</i> , 2017, 7, 51233-51244.	3.6	15
34	Cyclopalladated ferrocenylimine self-assembly films for Suzuki coupling reaction. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 200-207.	4.8	14
35	Cyclopalladated ferrocenylimines with ester groups for Heck and Suzuki coupling reactions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1059-1067.	14.0	14
36	Sheet-like and truncated-dodecahedron-like AgI structures via a surfactant-assisted protocol and their morphology-dependent photocatalytic performance. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 837-845.	2.8	14

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37	Preparation of Porous Carbon Materials Derived from Hyper-Cross-Linked Asphalt/Coal Tar and Their High Desulfurization Performance. <i>Langmuir</i> , 2020, 36, 11117-11124.	3.5	14
38	Water-soluble and Recyclable Cyclopalladated Ferrocenylimine for Suzuki Coupling Reaction. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 397-403.	1.4	13
39	An electrochemically polymerized and assembled cyclopalladated bi-thiophene imine for catalyzing coupling reactions: a modern strategy to enhance catalytic activity. <i>RSC Advances</i> , 2015, 5, 16654-16663.	3.6	13
40	Facile Fabrication of Ordered Component-Tunable Heterobimetallic Self-Assembly Nanosheet for Catalyzing "Click" Reaction. <i>ACS Omega</i> , 2017, 2, 5415-5433.	3.5	12
41	Fabrication and catalytic properties of ordered cyclopalladated diimine monolayer : investigation on catalytic mechanism. <i>RSC Advances</i> , 2018, 8, 31860-31867.	3.6	12
42	Facile synthesis of new polyhedron-like WO <sub>3</sub> /butterfly-like Ag <sub>2</sub> MoO <sub>4</sub> p-n junction photocatalysts with higher photocatalytic activity in UV/solar region light. <i>New Journal of Chemistry</i> , 2020, 44, 3194-3205.	2.8	12
43	Chiral signs of TPPS co-assemblies with chiral gelators: role of molecular and supramolecular chirality. <i>Chemical Communications</i> , 2016, 52, 12434-12437.	4.1	11
44	Highly ordered amphiphilic cyclopalladated arylimine self-assembly films for catalyzing Heck and Suzuki coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 540-549.	3.5	10
45	Visible-light-induced cyclization of cyclic <i>N</i> -sulfonyl ketimines to <i>N</i> -sulfonamide fused imidazolidines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3798-3802.	2.8	10
46	Controlled distribution of active centre to enhance catalytic activity of ordered Pd/Co catalytic nano-monolayer. <i>Journal of Catalysis</i> , 2019, 376, 228-237.	6.2	9
47	Novel ordered cyclopalladated aryl imine monolayers "Structure Designing for Enhancing Catalytic Performance. <i>Molecular Catalysis</i> , 2020, 482, 110671.	2.0	9
48	Up-conversion luminescence of Lu <sub>6</sub> O <sub>5</sub> F <sub>8</sub> : 1%Er <sup>3+</sup> /10%Yb <sup>3+</sup> nanoparticles for temperature sensing and Cu <sup>2+</sup> detection. <i>Optical Materials</i> , 2021, 115, 111031.	3.6	9
49	Circularly Polarized Luminescence (CPL) from Pyrene-Appended Cyclohexanediamides and Photoirradiation-Tuned CPL Inversion. <i>ChemPhotoChem</i> , 2022, 6, .	3.0	9
50	Structure design and modulation of dual-wavelength sensitive upconversion luminescence in RE <sub>2</sub> MoO <sub>6</sub> :Er <sup>3+</sup> /Yb <sup>3+</sup> materials. <i>Journal of Materials Science</i> , 2019, 54, 11913-11924.	3.7	8
51	Investigation of green emission of ScVO <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> sub-microcrystals with different morphologies. <i>Journal of Alloys and Compounds</i> , 2017, 715, 37-42.	5.5	7
52	Self-assembly Palladacycle Thiophene Imine Monolayer "Investigating on Catalytic Activity and Mechanism for Coupling Reaction. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 821-828.	2.6	7
53	Terpyridine-based Pd( <i>scpi</i> )/Ni( <i>scpi</i> ) organometallic framework nano-sheets supported on graphene oxide "investigating the fabrication, tuning of catalytic properties and synergetic effects. <i>RSC Advances</i> , 2020, 10, 23080-23090.	3.6	7
54	Pd "Pd/PdO as active sites on intercalated graphene oxide modified by diamminobenzene: fabrication, catalysis properties, synergistic effects, and catalytic mechanism. <i>RSC Advances</i> , 2022, 12, 8600-8610.	3.6	7

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55	Fabrication and catalytic properties of cage-like aryl imine Pd(II)/Cu(II)-bimetallic catalytic monolayer supported on graphene oxide for Suzuki coupling reaction. <i>Chemical Engineering Science</i> , 2022, 253, 117604.	3.8	7
56	Preparation, characterization and catalytic activity of amphiphilic cyclopalladated aryl imines and their Langmuir-Blodgett films. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1583-1588.	14.0	6
57	Electrochemical Studies of Anticancer Herbal Drug Sophoridine and Its Interaction with DNA. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 897-902.	1.4	6
58	Cube-like Ag/AgCl fabricated via a photoirradiation method and its substantially boosted plasmonic photocatalytic reactivity by an oxidation-chloridization treatment. <i>RSC Advances</i> , 2016, 6, 47062-47071.	3.6	6
59	Enhanced upconversion luminescence in LuPO <sub>4</sub> :Ln <sup>3+</sup> phosphors via optically inert ions doping. <i>New Journal of Chemistry</i> , 2018, 42, 15215-15220.	2.8	6
60	Sandwich structured aryl-diimine Pd(II)/Co(II) monolayer—Fabrication, catalytic performance, synergistic effect and mechanism investigation. <i>Molecular Catalysis</i> , 2021, 501, 111359.	2.0	6
61	A New ternary organometallic Pd(II)/Fe(III)/Ru(III) self-assembly monolayer: the essential ensemble synergistic for improving catalytic activity. <i>RSC Advances</i> , 2021, 11, 1250-1260.	3.6	6
62	Versatile One-Pot Construction Strategy for the Preparation of Porous Organic Polymers via Domino Polymerization. <i>Macromolecules</i> , 2021, 54, 4682-4692.	4.8	5
63	Controllable photopatterning and photochemical properties of novel copolymer containing dianthracene langmuir-blodgett films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 139-147.	2.1	4
64	Excitation-Dependent Circularly Polarized Luminescence from Helical Assemblies based on Tartaric Acid-derived Acylhydrazones. <i>Angewandte Chemie</i> , 0, , .	2.0	4
65	Crystal Structures of Cs <sup>+</sup> -Crown Ether Complexes Containing Polynuclear Mercury Iodide Anions. <i>Structural Chemistry</i> , 1999, 10, 177-185.	2.0	3
66	Pen-writing high-quality perovskite films and degradable optoelectronic devices. <i>RSC Advances</i> , 2022, 12, 3924-3930.	3.6	2
67	Nearly pure red up-conversion emission of Ba <sub>4</sub> Bi <sub>3</sub> F <sub>17</sub> : Ln <sup>3+</sup> with 1550 nm wavelength excitation by controlling the doping ions. <i>Optical Materials</i> , 2022, 125, 112076.	3.6	2
68	Micro-Photopatterning with Photo-Decomposable Polymer Langmuir-Blodgett (LB) Films. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 490, 67-79.	0.9	1
69	Preparation and photopatterning of Langmuir-Blodgett (LB) films of a novel copolymer containing swallow-tailed double naphthalene groups. <i>Polymers for Advanced Technologies</i> , 2012, 23, 618-624.	3.2	0