

Tiesheng Li

List of Publications by Year in descending order

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69
papers

1,243
citations

361413

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454955

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70
all docs

70
docs citations

70
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Pen-writing high-quality perovskite films and degradable optoelectronic devices. RSC Advances, 2022, 12, 3924-3930.	3.6	2
2	Circularly Polarized Luminescence (CPL) from Pyrene-Appended Cyclohexanediamides and Photoirradiation-Tuned CPL Inversion. ChemPhotoChem, 2022, 6, .	3.0	9
3	Pd-Pd/PdO as active sites on intercalated graphene oxide modified by diaminobenzene: fabrication, catalysis properties, synergistic effects, and catalytic mechanism. RSC Advances, 2022, 12, 8600-8610.	3.6	7
4	Nearly pure red up-conversion emission of Ba ₄ Bi ₃ F ₁₇ : Ln ³⁺ with 1550 nm wavelength excitation by controlling the doping ions. Optical Materials, 2022, 125, 112076.	3.6	2
5	Fabrication and catalytic properties of cage like-aryl imine Pd(II)/Cu(II)-bimetallic catalytic monolayer supported on graphene oxide for Suzuki coupling reaction. Chemical Engineering Science, 2022, 253, 117604.	3.8	7
6	Visible-light-induced cyclization of cyclic N-sulfonyl ketimines to N-sulfonamide fused imidazolidines. Organic and Biomolecular Chemistry, 2022, 20, 3798-3802.	2.8	10
7	Excitation-Dependent Circularly Polarized Luminescence from Helical Assemblies Based on Tartaric Acid-Derived Acylhydrazones. Angewandte Chemie - International Edition, 2022, 61, e202205633.	13.8	16
8	Sandwich structured aryl-diimine Pd (II)/Co (II) monolayer-Fabrication, catalytic performance, synergistic effect and mechanism investigation. Molecular Catalysis, 2021, 501, 111359.	2.0	6
9	Versatile One-Pot Construction Strategy for the Preparation of Porous Organic Polymers via Domino Polymerization. Macromolecules, 2021, 54, 4682-4692.	4.8	5
10	Up-conversion luminescence of Lu ₆ O ₅ F ₈ : 1%Er ³⁺ /10%Yb ³⁺ nanoparticles for temperature sensing and Cu ²⁺ detection. Optical Materials, 2021, 115, 111031.	3.6	9
11	A New ternary organometallic Pd(II)/Fe(III)/Ru(III) self-assembly monolayer: the essential ensemble synergistic for improving catalytic activity. RSC Advances, 2021, 11, 1250-1260.	3.6	6
12	Interfacial Charge Transfer in a Hierarchical Ni ₂ P/FeOOH Heterojunction Facilitates Electrocatalytic Oxygen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 2765-2771.	8.0	40
13	Novel ordered cyclopalladated aryl imine monolayers-Structure Designing for Enhancing Catalytic Performance. Molecular Catalysis, 2020, 482, 110671.	2.0	9
14	Enhanced dual-wavelength upconversion luminescence, thermosensitivity and DMMP detection of multifunctional Gd ₂ MoO ₆ : Er ³⁺ /Yb ³⁺ nanoparticles. Journal of Alloys and Compounds, 2020, 847, 156399.	5.5	18
15	Preparation of Porous Carbon Materials Derived from Hyper-Cross-Linked Asphalt/Coal Tar and Their High Desulfurization Performance. Langmuir, 2020, 36, 11117-11124.	3.5	14
16	Thirty-minute preparation of microporous polyimides with large surface areas for ammonia adsorption. Green Chemistry, 2020, 22, 7003-7009.	9.0	22
17	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. Angewandte Chemie, 2020, 132, 12911-12916.	2.0	18
18	Self-assembly Palladacycle Thiophene Imine Monolayer- Investigating on Catalytic Activity and Mechanism for Coupling Reaction. Chemical Research in Chinese Universities, 2020, 36, 821-828.	2.6	7

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19	Terpyridine-based Pd(ⁱⁱ)/Ni(ⁱⁱ) organometallic framework nano-sheets supported on graphene oxide—investigating the fabrication, tuning of catalytic properties and synergetic effects. RSC Advances, 2020, 10, 23080-23090.	3.6	7
20	Facile synthesis of new polyhedron-like WO ₃ /butterfly-like Ag ₂ MoO ₄ p-n junction photocatalysts with higher photocatalytic activity in UV/solar region light. New Journal of Chemistry, 2020, 44, 3194-3205.	2.8	12
21	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2020, 59, 12811-12816.	13.8	105
22	Controlled distribution of active centre to enhance catalytic activity of ordered Pd/Co catalytic nano-monolayer. Journal of Catalysis, 2019, 376, 228-237.	6.2	9
23	Ultra-High Performance of Hyper-Crosslinked Phosphate-Based Polymer for Uranium and Rare Earth Element Adsorption in Aqueous Solution. Langmuir, 2019, 35, 13860-13871.	3.5	42
24	Fabrication of a novel polyhedron-like WO ₃ /Ag ₂ CO ₃ p-n junction photocatalyst with highly enhanced photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 374, 206-217.	3.9	45
25	Structure design and modulation of dual-wavelength sensitive upconversion luminescence in RE ₂ MoO ₆ :Er ³⁺ /Yb ³⁺ materials. Journal of Materials Science, 2019, 54, 11913-11924.	3.7	8
26	Atom-economical preparation of polybismaleimide-based microporous organic polymers. Green Chemistry, 2019, 21, 2326-2333.	9.0	21
27	Multifunctional BiF ₃ :Ln ³⁺ (Ln = Ho, Er, Tm)/Yb ³⁺ nanoparticles: an investigation on the emission color tuning, thermosensitivity, and bioimaging. RSC Advances, 2019, 9, 10889-10896.	3.6	17
28	Schiff-based Pd(II)/Fe(III) bimetallic self-assembly monolayer—preparation, structure, catalytic dynamic and synergistic. Molecular Catalysis, 2019, 469, 75-86.	2.0	19
29	Facile Preparation of a Hierarchical C/rGO/FeO _x Composite with Superior Microwave Absorption Performance. Langmuir, 2019, 35, 3688-3693.	3.5	21
30	Investigation of the kinetics and mechanism of Z-scheme Ag ₃ PO ₄ /WO ₃ p-n junction photocatalysts with enhanced removal efficiency for RhB. New Journal of Chemistry, 2019, 43, 17104-17115.	2.8	30
31	Quinoline-based ratiometric fluorescent probe for detection of physiological pH changes in aqueous solution and living cells. Talanta, 2019, 192, 6-13.	5.5	38
32	Enhanced dual-wavelength sensitive red upconversion luminescence in Bi ₂ O ₃ :Yb ³⁺ /Er ³⁺ phosphors via optical-inert ions doping. Dyes and Pigments, 2018, 154, 242-251.	3.7	21
33	Enhanced dual-wavelength sensitive upconversion luminescence of BiPO ₄ :Yb ³⁺ /Er ³⁺ phosphors by Sc ³⁺ doping. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 229, 20-26.	3.5	21
34	Fabrication and catalytic properties of ordered cyclopalladated diimine monolayer : investigation on catalytic mechanism. RSC Advances, 2018, 8, 31860-31867.	3.6	12
35	Investigation on Electron Distribution and Synergetic to Enhance Catalytic Activity in Bimetallic Ni(II)/Pd(II) Molecular Monolayer. ChemCatChem, 2018, 10, 5141-5153.	3.7	16
36	Enhanced upconversion luminescence in LuPO ₄ :Ln ³⁺ phosphors via optically inert ions doping. New Journal of Chemistry, 2018, 42, 15215-15220.	2.8	6

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37	Investigation of green emission of ScVO ₄ :Yb ³⁺ /Er ³⁺ sub-microcrystals with different morphologies. <i>Journal of Alloys and Compounds</i> , 2017, 715, 37-42.	5.5	7
38	A novel "tunnel-like" cyclopalladated arylimine catalyst immobilized on graphene oxide nano-sheet. <i>Nanoscale</i> , 2017, 9, 781-791.	5.6	44
39	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
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	Effects of optical-inert ions on upconversion luminescence and temperature sensing properties of ScVO ₄ :10%Yb ³⁺ /2%Er ³⁺ nano/micro-particles. <i>RSC Advances</i> , 2017, 7, 51233-51244.	3.6	15
42	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
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	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
46	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
47	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
48	Branched Au Nanostructures Enriched with a Uniform Facet: Facile Synthesis and Catalytic Performances. <i>Scientific Reports</i> , 2015, 4, 5259.	3.3	34
49	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
50	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
51	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
52	Cyclopalladated ferrocenylimines with ester groups for Heck and Suzuki coupling reactions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1059-1067.	14.0	14
53	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
54	Structural competition between " " interactions and halogen bonds: a crystallographic study. <i>CrystEngComm</i> , 2013, 15, 769-774.	2.6	20

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55	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
56	Cyclopalladated Arylimine Self-Assembly Films for Suzuki Reaction. <i>ChemCatChem</i> , 2013, 5, 1481-1489.	3.7	25
57	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
58	Cyclopalladated ferrocenylimine self-assembly films for Suzuki coupling reaction. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 200-207.	4.8	14
59	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
60	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
61	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
62	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
63	Langmuir-Blodgett films of cyclopalladated ferrocenylimine: preparation, characterization, and application in Suzuki coupling reaction. <i>Tetrahedron</i> , 2009, 65, 2599-2604.	1.9	26
64	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
65	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
66	Micro-Photopatterning with Photo-Decomposable Polymer Langmuir-Blodgett (LB) Films. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 490, 67-79.	0.9	1
67	Synthesis, characterization, and applications in Heck and Suzuki coupling reactions of amphiphilic cyclopalladated ferrocenylimines. <i>Tetrahedron</i> , 2007, 63, 11475-11488.	1.9	63
68	Crystal Structures of Cs ⁺ -Crown Ether Complexes Containing Polynuclear Mercury Iodide Anions. <i>Structural Chemistry</i> , 1999, 10, 177-185.	2.0	3
69	Excitation-Dependent Circularly Polarized Luminescence from Helical Assemblies based on Tartaric Acid-derived Acylhydrazones. <i>Angewandte Chemie</i> , 0, , .	2.0	4