

Li-Jun Zhang

List of Publications by Year in descending order

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55
papers

1,198
citations

331670

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docs citations

57
times ranked

1434
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#	ARTICLE	IF	CITATIONS
1	Rare-Earth-Metal-Complex-Catalyzed Hydroalkoxylation and Tandem Hydroalkoxylation/Cyclohydroamination of Isocyanates: Synthesis of Carbamates and Oxazolidinones. <i>Inorganic Chemistry</i> , 2022, 61, 3202-3211.	4.0	10
2	Circulating Exosomes from Mice with LPS-Induced Bone Loss Inhibit Osteoblast Differentiation. <i>Calcified Tissue International</i> , 2022, 111, 185-195.	3.1	6
3	The combined effects of simulated microgravity and X-ray radiation on MC3T3-E1 cells and rat femurs. <i>Npj Microgravity</i> , 2021, 7, 3.	3.7	4
4	The small protein MafG plays a critical role in MC3T3-E1 cell apoptosis induced by simulated microgravity and radiation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 555, 175-181.	2.1	3
5	Genome-wide gene expression profiles of the pea aphid (<i>Acyrtosiphon pisum</i>) under cold temperatures provide insights into body color variation. <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 108, e21797.	1.5	2
6	HDAC6 Negatively Regulates miR-155-5p Expression to Elicit Proliferation by Targeting RHEB in Microvascular Endothelial Cells under Mechanical Unloading. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10527.	4.1	3
7	Syntheses of Rare-Earth Metal Alkyl Complexes Bearing a Dianionic \pm -Iminopyridyl Ligand and Their Catalytic Activities toward Polymerization of 2-Vinylpyridine. <i>Organometallics</i> , 2021, 40, 3462-3471.	2.3	6
8	Microchamber-Free Digital Flow Cytometric Analysis of T4 Polynucleotide Kinase Phosphatase Based on Single-Enzyme-to-Single-Bead Space-Confined Reaction. <i>Analytical Chemistry</i> , 2021, 93, 14828-14836.	6.5	19
9	Simulation of External Stray Light for FY-3C VIRR Combined with Satellite Orbit Attitude Model. <i>Remote Sensing</i> , 2021, 13, 5037.	4.0	3
10	Preformulation Studies and Enabling Formulation Selection for an Insoluble Compound at Preclinical Stage—From In Vitro, In Silico to In Vivo. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 950-958.	3.3	9
11	Morphology and ethology of the Late Devonian trace fossil <i>Rhizocorallium</i> from the Xichuan section of Central China. <i>Lethaia</i> , 2020, 53, 217-228.	1.4	0
12	Syntheses, structures and catalytic activities of low-coordinated rare-earth metal complexes containing 2,2'-bipyridylpyrrolides. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5275.	3.5	3
13	MiR-30 family members inhibit osteoblast differentiation by suppressing Runx2 under unloading conditions in MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 164-170.	2.1	37
14	Periodic fluctuations of marine oxygen content during the latest Permian. <i>Global and Planetary Change</i> , 2020, 195, 103326.	3.5	7
15	Synthesis and Reactivity of NNNNN-Pincer Multidentate Pyrrolyl Rare-Earth-Metal Amido-Chloride or Dialkyl Complexes. <i>Organometallics</i> , 2020, 39, 4525-4534.	2.3	8
16	Bone-targeted lncRNA OGRU alleviates unloading-induced bone loss via miR-320-3p/Hoxa10 axis. <i>Cell Death and Disease</i> , 2020, 11, 382.	6.3	25
17	Synthesis, Structure, and Reactivity of Monoguanidinate Rare-Earth Metal Aminobenzyl Enolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2153-2164.	2.0	3
18	Syntheses of Dianionic \pm -Iminopyridine Rare-Earth Metal Complexes and Their Catalytic Activities toward Dehydrogenative Coupling of Amines with Hydrosilanes. <i>Inorganic Chemistry</i> , 2020, 59, 9683-9692.	4.0	11

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19	Abundant Zoophycos and Chondrites from the Messinian (Upper Miocene) of northwestern Algeria. <i>Journal of African Earth Sciences</i> , 2020, 171, 103921.	2.0	12
20	Targeted overexpression of the long noncoding RNA ODSM can regulate osteoblast function in vitro and in vivo. <i>Cell Death and Disease</i> , 2020, 11, 133.	6.3	27
21	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. <i>Stem Cell Research and Therapy</i> , 2020, 11, 58.	5.5	28
22	The Complete Mitogenome of <i>Pyrrhocoris tibialis</i> (Hemiptera: Pyrrhocoridae) and Phylogenetic Implications. <i>Genes</i> , 2019, 10, 820.	2.4	8
23	Early Triassic trace fossils from South China marginal-marine settings: Implications for biotic recovery following the end-Permian mass extinction. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 235-251.	3.3	17
24	Chirality detection of amino acid enantiomers by organic electrochemical transistor. <i>Biosensors and Bioelectronics</i> , 2018, 105, 121-128.	10.1	73
25	Highly selective and sensitive sensor based on an organic electrochemical transistor for the detection of ascorbic acid. <i>Biosensors and Bioelectronics</i> , 2018, 100, 235-241.	10.1	103
26	MicroRNA-139-3p regulates osteoblast differentiation and apoptosis by targeting ELK1 and interacting with long noncoding RNA ODSM. <i>Cell Death and Disease</i> , 2018, 9, 1107.	6.3	64
27	Uppermost Permian trace fossils along a shelf to slope transect in South China and their implications for oceanic redox evolution and extinction pattern. <i>Global and Planetary Change</i> , 2018, 167, 74-86.	3.5	18
28	Syntheses, Structures, and Catalytic Activities of the Anionic Heterobimetallic Rare-Earth Metal Complexes Supported by Pyrrolyl-Substituted 1,2-Diimino Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 10390-10400.	4.0	13
29	Early Triassic estuarine depauperate <i>Cruziana</i> Ichnofacies from the Sichuan area of South China and its implications for the biotic recovery in brackish-water settings after the end-Permian mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 351-360.	2.3	15
30	Complex behavioural patterns and ethological analysis of the trace fossil <i>Zoophycos</i> : evidence from the Lower Devonian of South China. <i>Lethaia</i> , 2016, 49, 275-284.	1.4	15
31	Transmetal-Catalyzed Enantioselective Cross-Coupling Reaction of Racemic Secondary Benzylic Bromides with Organoaluminum Reagents. <i>Organic Letters</i> , 2016, 18, 6022-6025.	4.6	26
32	Palaeoenvironmental and ecological interpretation of the trace fossil <i>Rhizocorallium</i> based on contained iron framoboids (Upper Devonian, South China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 144-151.	2.3	13
33	Anti-tumor peptide AP25 decreases cyclin D1 expression and inhibits MGC-803 proliferation via phospho-extracellular signal-regulated kinase-, Src-, c-Jun N-terminal kinase-and phosphoinositide 3-kinase-associated pathways. <i>Molecular Medicine Reports</i> , 2015, 12, 4396-4402.	2.4	9
34	Zoophycos macroevolution since 541 Ma. <i>Scientific Reports</i> , 2015, 5, 14954.	3.3	31
35	Copper-Catalyzed Electrophilic Amination of Organoaluminum Nucleophiles with <i>O</i> -Benzoyl Hydroxylamines. <i>Journal of Organic Chemistry</i> , 2015, 80, 6323-6328.	3.2	37
36	Synthesis and Reactivity of Rare-Earth-Metal Monoalkyl Complexes Supported by Bidentate Indolyl Ligands and Their High Performance in Isoprene 1,4-cis Polymerization. <i>Organometallics</i> , 2015, 34, 4251-4261.	2.3	38

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37	Asymmetric Addition of Pyridyl Aluminum Reagents to Aldehydes Catalyzed by a Titanium(IV) Catalytic System of (<i>R</i>)-H ₈ -BINOLate. <i>Journal of Organic Chemistry</i> , 2015, 80, 8307-8313.	3.2	15
38	Synthesis of Bis(NHC)-Based CNC-Pincer Rare-Earth-Metal Amido Complexes and Their Application for the Hydrophosphination of Heterocumulenes. <i>Organometallics</i> , 2015, 34, 4553-4559.	2.3	47
39	Lower Devonian tempestites in western Yangtze, South China: insight from <i>Zoophycos</i> ichnofabrics. <i>Geological Journal</i> , 2014, 49, 177-187.	1.3	13
40	Rare-earth metal amido complexes supported by bridged bis(^{1,2} -diketiminato) ligand as efficient catalysts for hydrophosphonylation of aldehydes and ketones. <i>Science China Chemistry</i> , 2013, 56, 329-336.	8.2	15
41	Rare-Earth Metal Chlorides Catalyzed One-pot Syntheses of Quinolines under Solvent-free Microwave Irradiation Conditions. <i>Chinese Journal of Chemistry</i> , 2013, 31, 465-471.	4.9	23
42	Spatial differentiation of urban carbon emissions — An exploratory spatial data analysis in Beijing. , 2013, , .		1
43	China's economic zoning based on geographic information technology. , 2013, , .		0
44	Synthesis, Structure of Zinc Complexes Containing Sulfonylated Binaphtholate Ligands and Their Catalytic Activities towards Ring-opening Polymerization of Lactide and ϵ -Caprolactone. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2176-2182.	4.9	1
45	Rare-Earth Metal Chlorides as Efficient Catalysts for the Simple and Green Synthesis of 1,2-Disubstituted Benzimidazoles and 2-Substituted Benzothiazoles Under Ultrasound Irradiation. <i>Synthetic Communications</i> , 2012, 42, 328-336.	2.1	31
46	<i>Zoophycos</i> composite ichnofabrics and tiers from the Permian neritic facies in South China and south-eastern Australia. <i>Lethaia</i> , 2010, 43, 182-196.	1.4	21
47	Cyclopentadienyl-free Rare-Earth Metal Amides $\{[(CH_2)_2SiMe_2]\{2,6\text{-}i\text{-}Pr_2C_6H_3N\}_2\}_n\{N(SiMe_3)_2\}_m$ as Highly Efficient Versatile Catalysts for C-C and C-N Bond Formation. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 326-332.	2.4	47
48	Lanthanide Amide-catalyzed Aza-Henry Reaction of <i>N</i> -tosyl Imines with Nitroalkanes. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2061-2065.	4.9	16
49	Synthesis of amides through the Cannizzaro-type reaction catalyzed by lanthanide chlorides. <i>Tetrahedron</i> , 2009, 65, 10022-10024.	1.9	36
50	Synthesis, Characterization, Selective Catalytic Activity, and Reactivity of Rare Earth Metal Amides with Different Metal-Nitrogen Bonds. <i>Organometallics</i> , 2009, 28, 3882-3888.	2.3	55
51	Simple Lanthanide Amides $[(Me)_3Si]_2N_3Ln(\mu\text{-Cl})Li(THF)_3$ as Highly Efficient Catalysts for the Nitroaldol Reaction. <i>Chinese Journal of Chemistry</i> , 2008, 26, 2267-2272.	4.9	6
52	Synthesis of rare earth metal complexes incorporating amido and enolate mixed ligands: Characterization and reactivity. <i>Polyhedron</i> , 2008, 27, 2757-2764.	2.2	15
53	Synthesis, Characterization, and Catalytic Activity of Some Neodymium(III), Ytterbium(II), and Europium(II) Complexes with Pyrrolidinyl- and Piperidinyl-Functionalized Indenyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1519-1528.	2.0	29
54	Cannizzaro-Type Disproportionation of Aromatic Aldehydes to Amides and Alcohols by Using Either a Stoichiometric Amount or a Catalytic Amount of Lanthanide Compounds. <i>Journal of Organic Chemistry</i> , 2006, 71, 3149-3153.	3.2	72

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55	A solvent-free synthesis of μ_2 -bis(substituted benzylidene) cycloalkanones catalyzed by lanthanide amides $[(\text{Me}_3\text{Si})_2\text{N}]_3\text{Ln}(\mu\text{-Cl})\text{Li}(\text{THF})_3$ under microwave irradiation. <i>Green Chemistry</i> , 2005, 7, 683.	9.0	47