

# Li-Jun Zhang

## List of Publications by Year in descending order

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55  
papers

1,198  
citations

331670

21  
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395702

33  
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57  
all docs

57  
docs citations

57  
times ranked

1434  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Chirality detection of amino acid enantiomers by organic electrochemical transistor. <i>Biosensors and Bioelectronics</i> , 2018, 105, 121-128.	10.1	73
3	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
4	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
5	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
6	A solvent-free synthesis of $\lambda^2$ -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
7	Cyclopentadienyl-Free Rare-Earth Metal Amides $\{[(\text{CH}_2)_2\text{SiMe}_2]\{2,6\text{-i-Pr}_2\text{C}_6\text{H}_3\text{N}\}_2\}_n\text{Ln}\{\text{N}(\text{SiMe}_2)_2\}_m$ 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
8	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
9	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
10	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
11	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
12	Synthesis of amides through the Cannizzaro-type reaction catalyzed by lanthanide chlorides. <i>Tetrahedron</i> , 2009, 65, 10022-10024.	1.9	36
13	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
14	Zoophycos macroevolution since 541 Ma. <i>Scientific Reports</i> , 2015, 5, 14954.	3.3	31
15	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
16	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
17	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
18	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

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19	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
20	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
21	<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
22	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
23	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
24	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
25	Lanthanide Amide-catalyzed Aza-Henry Reaction of $N$ -tosyl Imines with Nitroalkanes. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2061-2065.	4.9	16
26	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
27	Rare-earth metal amido complexes supported by bridged bis( $\beta^2$ -diketiminato) ligand as efficient catalysts for hydrophosphonylation of aldehydes and ketones. <i>Science China Chemistry</i> , 2013, 56, 329-336.	8.2	15
28	Asymmetric Addition of Pyridyl Aluminum Reagents to Aldehydes Catalyzed by a Titanium(IV) Catalytic System of $R$ -H <sub>8</sub> -BINOLate. <i>Journal of Organic Chemistry</i> , 2015, 80, 8307-8313.	3.2	15
29	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
30	Early Triassic estuarine depauperate Cruziana 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
31	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
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	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
34	Abundant <i>Zoophycos</i> and Chondrites from the Messinian (Upper Miocene) of northwestern Algeria. <i>Journal of African Earth Sciences</i> , 2020, 171, 103921.	2.0	12
35	Syntheses of Dianionic $\beta$ -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
36	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

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37	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
38	Preformulation Studies and Enabling Formulation Selection for an Insoluble Compound at Preclinical Stage€”From InÄVitro, In Silico to InÄVivo. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 950-958.	3.3	9
39	The Complete Mitogenome of <i>Pyrrhocoris tibialis</i> (Hemiptera: Pyrrhocoridae) and Phylogenetic Implications. <i>Genes</i> , 2019, 10, 820.	2.4	8
40	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
41	Periodic fluctuations of marine oxygen content during the latest Permian. <i>Global and Planetary Change</i> , 2020, 195, 103326.	3.5	7
42	Simple Lanthanide Amides [(Me <sub>3</sub> Si) <sub>2</sub> N] <sub>3</sub> Ln( $\mu$ -Cl)Li(THF) <sub>3</sub> as Highly Efficient Catalysts for the Nitroaldol Reaction. <i>Chinese Journal of Chemistry</i> , 2008, 26, 2267-2272.	4.9	6
43	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
44	Circulating Exosomes from Mice with LPS-Induced Bone Loss Inhibit Osteoblast Differentiation. <i>Calcified Tissue International</i> , 2022, 111, 185-195.	3.1	6
45	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
46	Syntheses, structures and catalytic activities of low-coordinate rare-earth metal complexes containing 2,2'-bipyridylpyrrolides. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5275.	3.5	3
47	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
48	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
49	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
50	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
51	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
52	Synthesis, Structure of Zinc Complexes Containing Sulfonylated Binaphtholate Ligands and Their Catalytic Activities towards Ring-Opening Polymerization of Lactide and $\epsilon$ -Caprolactone. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2176-2182.	4.9	1
53	Spatial differentiation of urban carbon emissions &#x2014; An exploratory spatial data analysis in Beijing. , 2013, , .		1
54	China's economic zoning based on geographic information technology. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	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