

# Sicheng Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

466  
citations

840119

11  
h-index

713013

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g-index

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23  
docs citations

23  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress on Tubulin Inhibitors with Dual Targeting Capabilities for Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7963-7990.	2.9	69
2	Non-redox metal ion promoted oxidative coupling of indoles with olefins by the palladium(II) acetate catalyst through dioxygen activation: experimental results with DFT calculations. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4146-4157.	1.5	45
3	Efficient Bimetallic Catalysis of Nitrile Hydration to Amides with a Simple Pd(OAc) <sub>2</sub> /Lewis Acid Catalyst at Ambient Temperature. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1870-1875.	1.2	41
4	Catalytic Synthesis of 2,5-Furandicarboxylic Acid from Furoic Acid: Transformation from C5 Platform to C6 Derivatives in Biomass Utilizations. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9360-9369.	3.2	39
5	Lewis Acid Promoted Aerobic Oxidative Coupling of Thiols with Phosphonates by Simple Nickel(II) Catalyst: Substrate Scope and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2019, 84, 4179-4190.	1.7	39
6	Nonredox Metal-Ion-Accelerated Olefin Isomerization by Palladium(II) Catalysts: Density Functional Theory (DFT) Calculations Supporting the Experimental Data. <i>ACS Catalysis</i> , 2016, 6, 4144-4148.	5.5	34
7	Design, Synthesis, and Biological Evaluation of Stable Colchicine-Binding Site Tubulin Inhibitors 6-Aryl-2-benzoyl-pyridines as Potential Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12049-12074.	2.9	33
8	Synthesis of 2,5-furandicarboxylic acid by catalytic carbonylation of renewable furfural derived 5-bromofuroic acid. <i>Molecular Catalysis</i> , 2018, 455, 204-209.	1.0	23
9	Efficient Synthesis of 2,5-Furandicarboxylic Acid from Furfural Based Platform through Aqueous-Phase Carbonylation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13192-13198.	3.2	22
10	Non-Musculoskeletal Benefits of Vitamin D beyond the Musculoskeletal System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2128.	1.8	21
11	Catalytic carbonylation of renewable furfural derived 5-bromofurfural to 5-formyl-2-furancarboxylic acid in oil/aqueous bi-phase system. <i>Molecular Catalysis</i> , 2019, 463, 94-98.	1.0	13
12	Feasible Synthesis of a Bifuran-Based Monomer for Polymer Synthesis from a Hemicellulose-Derived Platform. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 19876-19883.	1.8	12
13	Discovery of N-(3,4-Dimethylphenyl)-4-(4-isobutrylphenyl)-2,3,3a,4,5,9b-hexahydrofuro[3,2-c]quinoline-8-sulfonamide as a Potent Dual MDM2/XIAP Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1930-1950.	1.0	10
14	Accessing the HMF Derivatives from Furfural Acetate through Oxidative Carbonylation. <i>ChemistrySelect</i> , 2017, 2, 7096-7099.	0.7	9
15	1,25-Dihydroxyvitamin D3 and 20-Hydroxyvitamin D3 Upregulate LAIR-1 and Attenuate Collagen Induced Arthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13342.	1.8	9
16	Transformation of Unsaturated Fatty Acids/Esters to Corresponding Keto Fatty Acids/Esters by Aerobic Oxidation with Pd(II)/Lewis Acid Catalyst. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6912-6918.	2.4	8
17	17,20S(OH) <sub>2</sub> pD Can Prevent the Development of Skin Fibrosis in the Bleomycin-Induced Scleroderma Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8926.	1.8	8
18	Inhibition of TRPC3 channels by a novel pyrazole compound confers antiseizure effects. <i>Epilepsia</i> , 2022, 63, 1003-1015.	2.6	8

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19	Modulation by 17,20S(OH) <sub>2</sub> pD of Fibrosis-Related Mediators in Dermal Fibroblast Lines from Healthy Donors and from Patients with Systemic Sclerosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 367.	1.8	7
20	Discovery of a Highly Selective and Potent TRPC3 Inhibitor with High Metabolic Stability and Low Toxicity. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 572-578.	1.3	5
21	Efficient and selective catalytic hydroxylation of unsaturated plant oils: a novel method for producing anti-pathogens. <i>BMC Chemistry</i> , 2021, 15, 20.	1.6	4
22	Synthesis and biological evaluation of selective survivin inhibitors derived from the MX-106 hydroxyquinoline scaffold. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113719.	2.6	4
23	Transformation of Methyl Linoleate to its Conjugated Derivatives with Simple Pd(OAc) <sub>2</sub> /Lewis Acid Catalyst. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2017, 94, 1481-1489.	0.8	3