Fengtian Xue

List of Publications by Year
in descending order

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70	2,038	257450 24	265206 42
papers	citations	h-index	g-index

75	75	75	3026
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regioselective alkylation of 2,4-dihydroxybenzyaldehydes and 2,4-dihydroxyacetophenones. Tetrahedron Letters, 2022, 95, 153755.	1.4	2
2	Targeting CAR and Nrf2 improves cyclophosphamide bioactivation while reducing doxorubicin-induced cardiotoxicity in triple-negative breast cancer treatment. JCI Insight, 2022, 7, .	5.0	3
3	Improving the solubility and antileukemia activity of Wnt/Î²-catenin signaling inhibitors by disrupting molecular planarity. Bioorganic and Medicinal Chemistry, 2022, 69, 116890.	3.0	1
4	High performance polyester reverse osmosis desalination membrane with chlorine resistance. Nature Sustainability, 2021, 4, 138-146.	23.7	185
5	Stereoisomerization of human constitutive androstane receptor agonist CITCO. Tetrahedron, 2021, 79, 131886.	1.9	1
6	Repurposing Acitretin as an Antipseudomonal Agent Targeting the Pseudomonas aeruginosa Iron-Regulated Heme Oxygenase. Biochemistry, 2021, 60, 689-698.	2.5	5
7	Alkylzirconocenes in Organic Synthesis: An Overview. Synthesis, 2021, 53, 1061-1076.	2.3	5
8	Progress toward B-Cell Lymphoma 6 BTB Domain Inhibitors for the Treatment of Diffuse Large B-Cell Lymphoma and Beyond. Journal of Medicinal Chemistry, 2021, 64, 4333-4358.	6.4	16
9	Palladium-Catalyzed Câ€“H Silylation of Aliphatic Ketones Using an Aminooxyamide Auxiliary. Organic Letters, 2021, 23, 5359-5362.	4.6	8
10	BCL6 BTBâ€specific inhibitor reversely represses Tâ€cell activation, Tfh cells differentiation, and germinal center reaction in vivo. European Journal of Immunology, 2021, 51, 2441-2451.	2.9	6
11	Palladium-Catalyzed Î²-C(sp³)â€“H Nitrooxylation of Ketones and Amides Using Practical Oxidants. ACS Catalysis, 2021, 11, 14188-14193.	11.2	20
12	Palladium-Catalyzed ortho-C(sp²)â€“H Silylation of Aromatic Ketones Using an Aminooxyamide Auxiliary. Organic Letters, 2021, 23, 9036-9040.	4.6	4
13	Recombinant Production of Biliverdin IXÎ² and Î´ Isomers in the T7 Promoter Compatible Escherichia coli Nissle. Frontiers in Microbiology, 2021, 12, 787609.	3.5	4
14	BCL6 BTBâ€specific inhibition via FX1 treatment reduces Tfh cells and reverses lymphoid follicle hyperplasia in Indian rhesus macaque (Macaca mulatta). Journal of Medical Primatology, 2020, 49, 26-33.	0.6	5
15	Metallotherapeutics development in the age of iron-clad bacteria. Metallomics, 2020, 12, 1863-1877.	2.4	9
16	Gallium(III)â€“Salophen as a Dual Inhibitor of Pseudomonas aeruginosa Heme Sensing and Iron Acquisition. ACS Infectious Diseases, 2020, 6, 2073-2085.	3.8	29
17	Chemoselective Cross-Coupling of gem-Borazirconocene Alkanes with Aryl Halides. Journal of the American Chemical Society, 2020, 142, 11506-11513.	13.7	27
18	GTPâ€binding inhibitors increase LRRK2â€linked ubiquitination and Lewy bodyâ€like inclusions. Journal of Cellular Physiology, 2020, 235, 7309-7320.	4.1	11

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19	Direct synthesis of annulated indoles through palladium-catalyzed double alkylations. Organic Chemistry Frontiers, 2020, 7, 1149-1157.	4.5	11
20	Human constitutive androstane receptor agonist DL5016: A novel sensitizer for cyclophosphamide-based chemotherapies. European Journal of Medicinal Chemistry, 2019, 179, 84-99.	5.5	9
21	DL5050, a Selective Agonist for the Human Constitutive Androstane Receptor. ACS Medicinal Chemistry Letters, 2019, 10, 1039-1044.	2.8	10
22	The effects of novel heme oxygenase inhibitors on the growth of Pseudomonas aeruginosa. Microbial Pathogenesis, 2019, 129, 64-67.	2.9	2
23	Pyrazole-4-Carboxamide (YW2065): A Therapeutic Candidate for Colorectal Cancer via Dual Activities of Wnt/Î²-Catenin Signaling Inhibition and AMP-Activated Protein Kinase (AMPK) Activation. Journal of Medicinal Chemistry, 2019, 62, 11151-11164.	6.4	28
24	Triazole-Based Inhibitors of the Wnt/Î²-Catenin Signaling Pathway Improve Glucose and Lipid Metabolisms in Diet-Induced Obese Mice. Journal of Medicinal Chemistry, 2019, 62, 727-741.	6.4	16
25	BCL6 Inhibitor-Mediated Downregulation of Phosphorylated SAMHD1 and T Cell Activation Are Associated with Decreased HIV Infection and Reactivation. Journal of Virology, 2019, 93, .	3.4	11
26	Enhanced Tumor Selectivity of 5-Fluorouracil Using a Reactive Oxygen Species-Activated Prodrug Approach. ACS Medicinal Chemistry Letters, 2019, 10, 127-131.	2.8	25
27	Nitrogen Mustards as Anticancer Chemotherapies: Historic Perspective, Current Developments and Future Trends. Current Topics in Medicinal Chemistry, 2019, 19, 691-712.	2.1	25
28	Structure-based design and biological evaluation of inhibitors of the pseudomonas aeruginosa heme oxygenase (pa-HemO). Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1024-1029.	2.2	9
29	Synthesis of AgN5 and its extended 3D energetic framework. Nature Communications, 2018, 9, 1269.	12.8	122
30	Response to Comment on â€œSynthesis and characterization of the pentazolate anion cyclo -N ₅ ^{â€“} in (N ₅) ₆ (H ₃ O) ₃ (NH) Tj ET Q q 0 0 0 rg BT /Overlo	12.4	38
31	Palladiumâ€Catalyzed C2â€Selective Alkynylation of Indoles with Bromoalkynes. ChemistrySelect, 2018, 3, 13319-13322.	1.5	3
32	Synthesis of Polysubstituted Pyridines and Indoles by a Palladiumâ€Catalyzed Catellaniâ€type Alkylationâ€Alkenylation Sequence. ChemistrySelect, 2018, 3, 10164-10168.	1.5	4
33	Attenuated Accumulation of Novel Fluorine (¹⁹F)-Labeled Bile Acid Analogues in Gallbladders of Fibroblast Growth Factor-15 (FGF15)-Deficient Mice. Molecular Pharmaceutics, 2018, 15, 4827-4834.	4.6	4
34	The Asp99â€“Arg188 salt bridge of the Pseudomonas aeruginosa HemO is critical in allowing conformational flexibility during catalysis. Journal of Biological Inorganic Chemistry, 2018, 23, 1057-1070.	2.6	6
35	Synthesis and Characterization of cyclo-Pentazolate Salts of NH₄⁺, NH₃OH⁺, N₂H₅⁺, C(NH₂)₃⁺, and N(CH₃)₄⁺. Journal of the American Chemical Society, 2018, 140, 16488-16494.	13.7	105
36	Identification of Thiourea-Based Inhibitors of the B-Cell Lymphoma 6 BTB Domain via NMR-Based Fragment Screening and Computer-Aided Drug Design. Journal of Medicinal Chemistry, 2018, 61, 7573-7588.	6.4	35

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37	Visibleâ€Light Induced Radical Silylation for the Synthesis of Dibenzosiloles via Dehydrogenative Cyclization. Advanced Synthesis and Catalysis, 2018, 360, 3049-3054.	4.3	29
38	Iodobenzene-Catalyzed Synthesis of Phenanthridinones via Oxidative Câ€“H Amidation. Journal of Organic Chemistry, 2017, 82, 3589-3596.	3.2	52
39	Engineered P450 biocatalysts show improved activity and regio-promiscuity in aromatic nitration. Scientific Reports, 2017, 7, 842.	3.3	29
40	Palladium-catalyzed direct C2-arylation of free (N H) indoles via norbornene-mediated regioselective C H activation. Tetrahedron Letters, 2017, 58, 2213-2216.	1.4	29
41	One-pot sequential reaction to 2-substituted-phenanthridinones from N-methoxybenzamides. Organic and Biomolecular Chemistry, 2017, 15, 4390-4398.	2.8	20
42	Positively Charged Nanofiltration Membrane with Dendritic Surface for Toxic Element Removal. ACS Sustainable Chemistry and Engineering, 2017, 5, 784-792.	6.7	93
43	Combination Therapy Targeting BCL6 and Phospho-STAT3 Defeats Intratumor Heterogeneity in a Subset of Nonâ€“Small Cell Lung Cancers. Cancer Research, 2017, 77, 3070-3081.	0.9	36
44	Incorporation of a Biguanide Scaffold Enhances Drug Uptake by Organic Cation Transporters 1 and 2. Molecular Pharmaceutics, 2017, 14, 2726-2739.	4.6	9
45	Facile synthesis of cationic polymer functionalized nanodiamond with high dispersity and antibacterial activity. Journal of Materials Science, 2017, 52, 1856-1867.	3.7	25
46	The Expanding Role of the BCL6 Oncoprotein as a Cancer Therapeutic Target. Clinical Cancer Research, 2017, 23, 885-893.	7.0	133
47	Iminoguanidines as Allosteric Inhibitors of the Iron-Regulated Heme Oxygenase (HemO) of Pseudomonas aeruginosa. Journal of Medicinal Chemistry, 2016, 59, 6929-6942.	6.4	33
48	Metal-free regioselective construction of indolin-3-ones via hypervalent iodine oxidation ofÂN-substituted indoles. RSC Advances, 2016, 6, 87134-87141.	3.6	7
49	1-Nitro-2-trinitromethyl substituted imidazoles: a new family of high performance energetic materials. Journal of Materials Chemistry A, 2016, 4, 17791-17800.	10.3	38
50	Aminoquinoline-assisted vinylic Câ€“H arylation of unsubstituted acrylamide for the selective synthesis of Z olefins. Organic and Biomolecular Chemistry, 2016, 14, 3298-3306.	2.8	28
51	Rationally designed BCL6 inhibitors target activated B cell diffuse large B cell lymphoma. Journal of Clinical Investigation, 2016, 126, 3351-3362.	8.2	133
52	Facile Synthesis of Spirocyclic Lactams from Î²-Keto Carboxylic Acids. Organic Letters, 2015, 17, 3070-3073.	4.6	21
53	Base-catalyzed one-step synthesis of 5,7-disubstituted-1,2,4-triazolo[1,5-a]pyrimidines. Tetrahedron Letters, 2015, 56, 1034-1037.	1.4	22
54	Synthesis of 1,2-dihydro-2-oxo-4-quinolinyl phosphates from 2-acyl-benzoic acids. Tetrahedron Letters, 2015, 56, 1441-1444.	1.4	4

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55	A Novel GTP-Binding Inhibitor, FX2149, Attenuates LRRK2 Toxicity in Parkinsonâ€™s Disease Models. PLoS ONE, 2015, 10, e0122461.	2.5	42
56	Acyl-2-aminobenzimidazoles: A novel class of neuroprotective agents targeting mGluR5. Bioorganic and Medicinal Chemistry, 2015, 23, 2211-2220.	3.0	21
57	Cyclopropyl-containing positive allosteric modulators of metabotropic glutamate receptor subtype 5. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2275-2279.	2.2	9
58	Ligand-free copper-mediated N-arylation of spirocyclic lactams. Tetrahedron Letters, 2015, 56, 5599-5603.	1.4	5
59	Novel LRRK2 GTP-binding inhibitors reduced degeneration in Parkinson's disease cell and mouse models. Human Molecular Genetics, 2014, 23, 6212-6222.	2.9	66
60	Novel mGluR5 Positive Allosteric Modulator Improves Functional Recovery, Attenuates Neurodegeneration, and Alters Microglial Polarization after Experimental Traumatic Brain Injury. Neurotherapeutics, 2014, 11, 857-869.	4.4	70
61	Transition-metal-free synthesis of (Z)-3-ylidenephthalides from 2-acyl-benzoic acids. Tetrahedron Letters, 2014, 55, 1956-1958.	1.4	15
62	Baeyerâ€“Villiger rearrangement of a substituted pyrrole by Oxone. Tetrahedron Letters, 2014, 55, 3111-3113.	1.4	12
63	Boc-protected 1-(3-oxocycloalkyl)ureas via a one-step Curtius rearrangement: mechanism and scope. Tetrahedron Letters, 2014, 55, 842-844.	1.4	16
64	Strain-Promoted Oxidative Annulation of Arynes and Cyclooctynes with Benzamides: Palladium-Catalyzed Câ€“H/Nâ€“H Activation for the Synthesis of N-Heterocycles. Organic Letters, 2014, 16, 5354-5357.	4.6	96
65	Facile one-step synthesis of 2,5-diketopiperazines. Tetrahedron Letters, 2014, 55, 1905-1908.	1.4	12
66	Positive Allosteric Modulators (PAMs) of Metabotropic Glutamate Receptor 5 (mGluR5) Attenuate Microglial Activation. CNS and Neurological Disorders - Drug Targets, 2014, 13, 558-566.	1.4	19
67	Cyclopropyl- and methyl-containing inhibitors of neuronal nitric oxide synthase. Bioorganic and Medicinal Chemistry, 2013, 21, 1333-1343.	3.0	14
68	Estimation of Ligand Efficacies of Metabotropic Glutamate Receptors from Conformational Forces Obtained from Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2013, 53, 1337-1349.	5.4	3
69	Small Molecule Antivirulents Targeting the Iron-Regulated Heme Oxygenase (HemO) of P. aeruginosa. Journal of Medicinal Chemistry, 2013, 56, 2097-2109.	6.4	27
70	Sequential Allylic Câ€“H Amination/Vinylic Câ€“H Arylation: A Strategy for Unnatural Amino Acid Synthesis from Î±-Olefins. Organic Letters, 2012, 14, 1386-1389.	4.6	73