

Fengtian Xue

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,038
citations

257450

24
h-index

265206

42
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75
all docs

75
docs citations

75
times ranked

3026
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High performance polyester reverse osmosis desalination membrane with chlorine resistance. <i>Nature Sustainability</i> , 2021, 4, 138-146. | 23.7 | 185 |
| 2 | The Expanding Role of the BCL6 Oncoprotein as a Cancer Therapeutic Target. <i>Clinical Cancer Research</i> , 2017, 23, 885-893. | 7.0 | 133 |
| 3 | Rationally designed BCL6 inhibitors target activated B cell diffuse large B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 3351-3362. | 8.2 | 133 |
| 4 | Synthesis of AgN5 and its extended 3D energetic framework. <i>Nature Communications</i> , 2018, 9, 1269. | 12.8 | 122 |
| 5 | Synthesis and Characterization of <i>cyclo</i> -Pentazolate Salts of NH ₄ ⁺ , NH ₃ OH ⁺ , N ₂ H ₅ ⁺ , C(NH ₂) ₃ ⁺ , and N(CH ₃) ₄ ⁺ . <i>Journal of the American Chemical Society</i> , 2018, 140, 16488-16494. | 13.7 | 105 |
| 6 | Strain-Promoted Oxidative Annulation of Arynes and Cyclooctynes with Benzamides: Palladium-Catalyzed C-H/N-H Activation for the Synthesis of <i>N</i> -Heterocycles. <i>Organic Letters</i> , 2014, 16, 5354-5357. | 4.6 | 96 |
| 7 | Positively Charged Nanofiltration Membrane with Dendritic Surface for Toxic Element Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 784-792. | 6.7 | 93 |
| 8 | Sequential Allylic C-H Amination/Vinyl C-H Arylation: A Strategy for Unnatural Amino Acid Synthesis from β -Olefins. <i>Organic Letters</i> , 2012, 14, 1386-1389. | 4.6 | 73 |
| 9 | Novel mGluR5 Positive Allosteric Modulator Improves Functional Recovery, Attenuates Neurodegeneration, and Alters Microglial Polarization after Experimental Traumatic Brain Injury. <i>Neurotherapeutics</i> , 2014, 11, 857-869. | 4.4 | 70 |
| 10 | Novel LRRK2 GTP-binding inhibitors reduced degeneration in Parkinson's disease cell and mouse models. <i>Human Molecular Genetics</i> , 2014, 23, 6212-6222. | 2.9 | 66 |
| 11 | Iodobenzene-Catalyzed Synthesis of Phenanthridinones via Oxidative C-H Amidation. <i>Journal of Organic Chemistry</i> , 2017, 82, 3589-3596. | 3.2 | 52 |
| 12 | A Novel GTP-Binding Inhibitor, FX2149, Attenuates LRRK2 Toxicity in Parkinson's Disease Models. <i>PLoS ONE</i> , 2015, 10, e0122461. | 2.5 | 42 |
| 13 | 1-Nitro-2-trinitromethyl substituted imidazoles: a new family of high performance energetic materials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17791-17800. | 10.3 | 38 |
| 14 | Combination Therapy Targeting BCL6 and Phospho-STAT3 Defeats Intratumor Heterogeneity in a Subset of Non-Small Cell Lung Cancers. <i>Cancer Research</i> , 2017, 77, 3070-3081. | 0.9 | 36 |
| 15 | Identification of Thiourea-Based Inhibitors of the B-Cell Lymphoma 6 BTB Domain via NMR-Based Fragment Screening and Computer-Aided Drug Design. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7573-7588. | 6.4 | 35 |
| 16 | Iminoguanidines as Allosteric Inhibitors of the Iron-Regulated Heme Oxygenase (Hemo) of <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6929-6942. | 6.4 | 33 |
| 17 | Response to Comment on "Synthesis and characterization of the pentazolate anion <i>cyclo</i> -N ₅ ⁻ in (N ₅) ₆ (H ₃ O) ₃ (NH) ₄ Tj ET 2011 0.784314 rgrB | 10.1 | 30 |
| 18 | Engineered P450 biocatalysts show improved activity and regio-promiscuity in aromatic nitration. <i>Scientific Reports</i> , 2017, 7, 842. | 3.3 | 29 |

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|----|--|------|-----------|
| 19 | Palladium-catalyzed direct C2-arylation of free (N H) indoles via norbornene-mediated regioselective C-H activation. <i>Tetrahedron Letters</i> , 2017, 58, 2213-2216. | 1.4 | 29 |
| 20 | Visible-Light Induced Radical Silylation for the Synthesis of Dibenzosiloles via Dehydrogenative Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3049-3054. | 4.3 | 29 |
| 21 | Gallium(III)-Salophen as a Dual Inhibitor of <i>Pseudomonas aeruginosa</i> Heme Sensing and Iron Acquisition. <i>ACS Infectious Diseases</i> , 2020, 6, 2073-2085. | 3.8 | 29 |
| 22 | Aminoquinoline-assisted vinylic C-H arylation of unsubstituted acrylamide for the selective synthesis of Z olefins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3298-3306. | 2.8 | 28 |
| 23 | Pyrazole-4-Carboxamide (YW2065): A Therapeutic Candidate for Colorectal Cancer via Dual Activities of Wnt/ β -Catenin Signaling Inhibition and AMPK-Activated Protein Kinase (AMPK) Activation. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11151-11164. | 6.4 | 28 |
| 24 | Small Molecule Antivirulents Targeting the Iron-Regulated Heme Oxygenase (HemO) of <i>P. aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2097-2109. | 6.4 | 27 |
| 25 | Chemoselective Cross-Coupling of <i>gem</i> -Borazirconocene Alkanes with Aryl Halides. <i>Journal of the American Chemical Society</i> , 2020, 142, 11506-11513. | 13.7 | 27 |
| 26 | Facile synthesis of cationic polymer functionalized nanodiamond with high dispersity and antibacterial activity. <i>Journal of Materials Science</i> , 2017, 52, 1856-1867. | 3.7 | 25 |
| 27 | Enhanced Tumor Selectivity of 5-Fluorouracil Using a Reactive Oxygen Species-Activated Prodrug Approach. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 127-131. | 2.8 | 25 |
| 28 | Nitrogen Mustards as Anticancer Chemotherapies: Historic Perspective, Current Developments and Future Trends. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 691-712. | 2.1 | 25 |
| 29 | Base-catalyzed one-step synthesis of 5,7-disubstituted-1,2,4-triazolo[1,5-a]pyrimidines. <i>Tetrahedron Letters</i> , 2015, 56, 1034-1037. | 1.4 | 22 |
| 30 | Facile Synthesis of Spirocyclic Lactams from β -Keto Carboxylic Acids. <i>Organic Letters</i> , 2015, 17, 3070-3073. | 4.6 | 21 |
| 31 | Acyl-2-aminobenzimidazoles: A novel class of neuroprotective agents targeting mGluR5. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2211-2220. | 3.0 | 21 |
| 32 | One-pot sequential reaction to 2-substituted-phenanthridinones from N-methoxybenzamides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4390-4398. | 2.8 | 20 |
| 33 | Palladium-Catalyzed β -C(sp ³)-H Nitroxylation of Ketones and Amides Using Practical Oxidants. <i>ACS Catalysis</i> , 2021, 11, 14188-14193. | 11.2 | 20 |
| 34 | Positive Allosteric Modulators (PAMs) of Metabotropic Glutamate Receptor 5 (mGluR5) Attenuate Microglial Activation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 558-566. | 1.4 | 19 |
| 35 | Boc-protected 1-(3-oxocycloalkyl)ureas via a one-step Curtius rearrangement: mechanism and scope. <i>Tetrahedron Letters</i> , 2014, 55, 842-844. | 1.4 | 16 |
| 36 | Triazole-Based Inhibitors of the Wnt/ β -Catenin Signaling Pathway Improve Glucose and Lipid Metabolisms in Diet-Induced Obese Mice. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 727-741. | 6.4 | 16 |

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|----|--|-----|-----------|
| 37 | Progress toward B-Cell Lymphoma 6 BTB Domain Inhibitors for the Treatment of Diffuse Large B-Cell Lymphoma and Beyond. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4333-4358. | 6.4 | 16 |
| 38 | Transition-metal-free synthesis of (Z)-3-ylidenephthalides from 2-acyl-benzoic acids. <i>Tetrahedron Letters</i> , 2014, 55, 1956-1958. | 1.4 | 15 |
| 39 | Cyclopropyl- and methyl-containing inhibitors of neuronal nitric oxide synthase. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1333-1343. | 3.0 | 14 |
| 40 | Baeyer-Villiger rearrangement of a substituted pyrrole by Oxone. <i>Tetrahedron Letters</i> , 2014, 55, 3111-3113. | 1.4 | 12 |
| 41 | Facile one-step synthesis of 2,5-diketopiperazines. <i>Tetrahedron Letters</i> , 2014, 55, 1905-1908. | 1.4 | 12 |
| 42 | BCL6 Inhibitor-Mediated Downregulation of Phosphorylated SAMHD1 and T Cell Activation Are Associated with Decreased HIV Infection and Reactivation. <i>Journal of Virology</i> , 2019, 93, . | 3.4 | 11 |
| 43 | GTP-binding inhibitors increase LRRK2-linked ubiquitination and Lewy body-like inclusions. <i>Journal of Cellular Physiology</i> , 2020, 235, 7309-7320. | 4.1 | 11 |
| 44 | Direct synthesis of annulated indoles through palladium-catalyzed double alkylations. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1149-1157. | 4.5 | 11 |
| 45 | DL5050, a Selective Agonist for the Human Constitutive Androstane Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1039-1044. | 2.8 | 10 |
| 46 | Cyclopropyl-containing positive allosteric modulators of metabotropic glutamate receptor subtype 5. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2275-2279. | 2.2 | 9 |
| 47 | Incorporation of a Biguanide Scaffold Enhances Drug Uptake by Organic Cation Transporters 1 and 2. <i>Molecular Pharmaceutics</i> , 2017, 14, 2726-2739. | 4.6 | 9 |
| 48 | Structure-based design and biological evaluation of inhibitors of the pseudomonas aeruginosa heme oxygenase (pa-HemO). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1024-1029. | 2.2 | 9 |
| 49 | Human constitutive androstane receptor agonist DL5016: A novel sensitizer for cyclophosphamide-based chemotherapies. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 84-99. | 5.5 | 9 |
| 50 | Metallotherapeutics development in the age of iron-clad bacteria. <i>Metallomics</i> , 2020, 12, 1863-1877. | 2.4 | 9 |
| 51 | Palladium-Catalyzed C-H Silylation of Aliphatic Ketones Using an Aminoxyamide Auxiliary. <i>Organic Letters</i> , 2021, 23, 5359-5362. | 4.6 | 8 |
| 52 | Metal-free regioselective construction of indolin-3-ones via hypervalent iodine oxidation of N-substituted indoles. <i>RSC Advances</i> , 2016, 6, 87134-87141. | 3.6 | 7 |
| 53 | The Asp99-Arg188 salt bridge of the Pseudomonas aeruginosa HemO is critical in allowing conformational flexibility during catalysis. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 1057-1070. | 2.6 | 6 |
| 54 | BCL6 BTB-specific inhibitor reversely represses T cell activation, Tfh cells differentiation, and germinal center reaction in vivo. <i>European Journal of Immunology</i> , 2021, 51, 2441-2451. | 2.9 | 6 |

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|----|--|-----|-----------|
| 55 | Ligand-free copper-mediated N-arylation of spirocyclic lactams. <i>Tetrahedron Letters</i> , 2015, 56, 5599-5603. | 1.4 | 5 |
| 56 | BCL6 BTB-specific inhibition via FX1 treatment reduces Tfh cells and reverses lymphoid follicle hyperplasia in Indian rhesus macaque (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2020, 49, 26-33. | 0.6 | 5 |
| 57 | Repurposing Acitretin as an Antipseudomonal Agent Targeting the <i>Pseudomonas aeruginosa</i> Iron-Regulated Heme Oxygenase. <i>Biochemistry</i> , 2021, 60, 689-698. | 2.5 | 5 |
| 58 | Alkylzirconocenes in Organic Synthesis: An Overview. <i>Synthesis</i> , 2021, 53, 1061-1076. | 2.3 | 5 |
| 59 | Synthesis of 1,2-dihydro-2-oxo-4-quinolinyl phosphates from 2-acyl-benzoic acids. <i>Tetrahedron Letters</i> , 2015, 56, 1441-1444. | 1.4 | 4 |
| 60 | Synthesis of Polysubstituted Pyridines and Indoles by a Palladium-Catalyzed Catellani-type Alkylation-Alkenylation Sequence. <i>ChemistrySelect</i> , 2018, 3, 10164-10168. | 1.5 | 4 |
| 61 | Attenuated Accumulation of Novel Fluorine (¹⁹ F)-Labeled Bile Acid Analogues in Gallbladders of Fibroblast Growth Factor-15 (FGF15)-Deficient Mice. <i>Molecular Pharmaceutics</i> , 2018, 15, 4827-4834. | 4.6 | 4 |
| 62 | Palladium-Catalyzed <i>ortho</i> -C(sp ²)-H Silylation of Aromatic Ketones Using an Aminooxamide Auxiliary. <i>Organic Letters</i> , 2021, 23, 9036-9040. | 4.6 | 4 |
| 63 | Recombinant Production of Biliverdin IX ^β and $\hat{\Gamma}$ Isomers in the T7 Promoter Compatible <i>Escherichia coli</i> Nissle. <i>Frontiers in Microbiology</i> , 2021, 12, 787609. | 3.5 | 4 |
| 64 | Estimation of Ligand Efficacies of Metabotropic Glutamate Receptors from Conformational Forces Obtained from Molecular Dynamics Simulations. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 1337-1349. | 5.4 | 3 |
| 65 | Palladium-Catalyzed C2-selective Alkynylation of Indoles with Bromoalkynes. <i>ChemistrySelect</i> , 2018, 3, 13319-13322. | 1.5 | 3 |
| 66 | Targeting CAR and Nrf2 improves cyclophosphamide bioactivation while reducing doxorubicin-induced cardiotoxicity in triple-negative breast cancer treatment. <i>JCI Insight</i> , 2022, 7, . | 5.0 | 3 |
| 67 | The effects of novel heme oxygenase inhibitors on the growth of <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2019, 129, 64-67. | 2.9 | 2 |
| 68 | Regioselective alkylation of 2,4-dihydroxybenzaldehydes and 2,4-dihydroxyacetophenones. <i>Tetrahedron Letters</i> , 2022, 95, 153755. | 1.4 | 2 |
| 69 | Stereoisomerization of human constitutive androstane receptor agonist CITCO. <i>Tetrahedron</i> , 2021, 79, 131886. | 1.9 | 1 |
| 70 | Improving the solubility and antileukemia activity of Wnt/ β 2-catenin signaling inhibitors by disrupting molecular planarity. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 69, 116890. | 3.0 | 1 |