

Zhi-Dong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

243
citations

1163117

8
h-index

996975

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docs citations

16
times ranked

370
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Green and scalable synthesis of chiral aromatic alcohols through an efficient biocatalytic system. <i>Microbial Biotechnology</i> , 2021, 14, 444-452. | 4.2 | 12 |
| 2 | Radiosynthesis of a carbon-11 labeled tetrahydrobenzoxazole derivative as a new PET probe for β -secretase imaging in Alzheimer's disease. <i>Applied Radiation and Isotopes</i> , 2020, 155, 108915. | 1.5 | 0 |
| 3 | Radiosynthesis of a carbon-11 labeled PDE5 inhibitor [^{11}C]TPN171 as a new potential PET heart imaging agent. <i>Applied Radiation and Isotopes</i> , 2020, 162, 109190. | 1.5 | 5 |
| 4 | Radiosynthesis of carbon-11 labeled PDE5 inhibitors as new potential PET radiotracers for imaging of Alzheimer's disease. <i>Applied Radiation and Isotopes</i> , 2019, 154, 108873. | 1.5 | 8 |
| 5 | Synthesis of Sulfonylated Lactams by Copper-Mediated Aminosulfonylation of 2-Vinylbenzamides with Sodium Sulfinates. <i>Journal of Organic Chemistry</i> , 2019, 84, 2330-2338. | 3.2 | 31 |
| 6 | DNA- α -affibody nanoparticle delivery system for cisplatin-based breast cancer chemotherapy. <i>RSC Advances</i> , 2019, 9, 1982-1989. | 3.6 | 13 |
| 7 | Facile synthesis of carbon-11-labeled sEH/PDE4 dual inhibitors as new potential PET agents for imaging of sEH/PDE4 enzymes in neuroinflammation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1654-1659. | 2.2 | 2 |
| 8 | Radiosynthesis of a carbon-11-labeled AMPAR allosteric modulator as a new PET radioligand candidate for imaging of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1177-1181. | 2.2 | 4 |
| 9 | Efficient biosynthesis of enantiopure tolvaptan by utilizing alcohol dehydrogenase-catalyzed enantioselective reduction. <i>Green Chemistry</i> , 2018, 20, 1224-1227. | 9.0 | 7 |
| 10 | Synthesis of carbon-11-labeled 5-HT ₆ R antagonists as new candidate PET radioligands for imaging of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1836-1841. | 2.2 | 7 |
| 11 | Synthesis of N-(3-(4-[^{11}C]methylpiperazin-1-yl)-1-(5-methylpyridin-2-yl)-1H-pyrazol-5-yl)pyrazolo[1,5-a]pyrimidine-3-carboxamide as a new potential PET agent for imaging of IRAK4 enzyme in neuroinflammation. <i>Applied Radiation and Isotopes</i> , 2018, 132, 6-12. | 1.5 | 4 |
| 12 | Copper-mediated oxysulfonylation of alkenyl oximes with sodium sulfinates: a facile synthesis of isoxazolines featuring a sulfone substituent. <i>Chemical Communications</i> , 2017, 53, 2056-2059. | 4.1 | 72 |
| 13 | Synthesis of [^{11}C]HG-10-102-01 as a new potential PET agent for imaging of LRRK2 enzyme in Parkinson's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1351-1355. | 2.2 | 17 |
| 14 | Fluorescent imaging of Au ³⁺ in living cells with two new high selective Au ³⁺ probes. <i>Biosensors and Bioelectronics</i> , 2016, 86, 939-943. | 10.1 | 29 |
| 15 | Synthesis of a PET tau tracer [^{11}C]PBB3 for imaging of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4587-4592. | 2.2 | 28 |
| 16 | Synthesis of [^{11}C]CX-6258 as a new PET tracer for imaging of Pim kinases in cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3831-3835. | 2.2 | 4 |