

# 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

15  
g-index

16  
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16  
docs citations

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times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Fluorescent imaging of Au <sup>3+</sup> in living cells with two new high selective Au <sup>3+</sup> probes. <i>Biosensors and Bioelectronics</i> , 2016, 86, 939-943.	10.1	29
4	Synthesis of a PET tau tracer [11C]PBB3 for imaging of Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4587-4592.	2.2	28
5	Synthesis of [11C]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
6	DNA-templated nanoparticle delivery system for cisplatin-based breast cancer chemotherapy. <i>RSC Advances</i> , 2019, 9, 1982-1989.	3.6	13
7	Green and scalable synthesis of chiral aromatic alcohols through an efficient biocatalytic system. <i>Microbial Biotechnology</i> , 2021, 14, 444-452.	4.2	12
8	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
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 <sub>6</sub> 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	Radiosynthesis of a carbon-11 labeled PDE5 inhibitor [11C]TPN171 as a new potential PET heart imaging agent. <i>Applied Radiation and Isotopes</i> , 2020, 162, 109190.	1.5	5
12	Synthesis of [11C]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
13	Synthesis of N-(3-(4-[11C]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
14	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
15	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
16	Radiosynthesis of a carbon-11 labeled tetrahydrobenzoxazole derivative as a new PET probe for $\beta$ -secretase imaging in Alzheimer's disease. <i>Applied Radiation and Isotopes</i> , 2020, 155, 108915.	1.5	0