

# Changning Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3389828/publications.pdf>

Version: 2024-02-01

44  
papers

714  
citations

567247

15  
h-index

580810

25  
g-index

44  
all docs

44  
docs citations

44  
times ranked

822  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Imaging of Histone Deacetylases (HDACs) in the Central Nervous System and Major Peripheral Organs. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7999-8009.	6.4	82
2	Integrated contact lens sensor system based on multifunctional ultrathin MoS <sub>2</sub> transistors. <i>Matter</i> , 2021, 4, 969-985.	10.0	80
3	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2018, 129, 364-372.	8.2	57
4	Kinetic Analysis and Quantification of [ <sup>11</sup> C]Martinostat for in Vivo HDAC Imaging of the Brain. <i>ACS Chemical Neuroscience</i> , 2015, 6, 708-715.	3.5	46
5	Neuroepigenetic signatures of age and sex in the living human brain. <i>Nature Communications</i> , 2019, 10, 2945.	12.8	36
6	A Novel Radiotracer for Imaging Monoacylglycerol Lipase in the Brain Using Positron Emission Tomography. <i>ACS Chemical Neuroscience</i> , 2016, 7, 484-489.	3.5	34
7	Design, synthesis and biological evaluation of novel O-carbamoyl ferulamide derivatives as multi-target-directed ligands for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112265.	5.5	28
8	Discrepancies in Kappa Opioid Agonist Binding Revealed through PET Imaging. <i>ACS Chemical Neuroscience</i> , 2019, 10, 384-395.	3.5	22
9	Radiosynthesis and evaluation of [ <sup>11</sup> C]EMPA as a potential PET tracer for orexin 2 receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3389-3392.	2.2	21
10	Evaluation of potential PET imaging probes for the orexin 2 receptors. <i>Nuclear Medicine and Biology</i> , 2013, 40, 1000-1005.	0.6	19
11	Paper-Cut Flexible Multifunctional Electronics Using MoS <sub>2</sub> Nanosheet. <i>Nanomaterials</i> , 2019, 9, 922.	4.1	19
12	Design, synthesis, and evaluation of hydroxamic acid-based molecular probes for in vivo imaging of histone deacetylase (HDAC) in brain. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 4, 29-38.	1.0	18
13	In vivo human brain expression of histone deacetylases in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 224.	4.8	17
14	Molecular imaging of Alzheimer's disease-related gamma-secretase in mice and nonhuman primates. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	17
15	Novel radioligands for imaging sigma-1 receptor in brain using positron emission tomography (PET). <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1204-1215.	12.0	15
16	Positron emission tomography probes targeting bromodomain and extra-terminal (BET) domains to enable <i>in vivo</i> neuroepigenetic imaging. <i>Chemical Communications</i> , 2019, 55, 12932-12935.	4.1	15
17	Synthesis of Mitochondria-Anchored Nitroimidazoles with a Versatile NIR Fluorophore for Hypoxic Tumor-Targeting Imaging and Chemoradiotherapy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3381-3391.	6.4	15
18	Design, Synthesis, and Evaluation of Thienodiazepine Derivatives as Positron Emission Tomography Imaging Probes for Bromodomain and Extra-Terminal Domain Family Proteins. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14745-14756.	6.4	15

#	ARTICLE	IF	CITATIONS
19	Discovery of carbon-11 labeled sulfonamide derivative: A PET tracer for imaging brain NLRP3 inflammasome. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 34, 127777.	2.2	14
20	Imaging assisted evaluation of antitumor efficacy of a new histone deacetylase inhibitor in the castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 53-66.	6.4	12
21	Development of New Positron Emission Tomography Radiotracer for BET Imaging. <i>ACS Chemical Neuroscience</i> , 2017, 8, 17-21.	3.5	11
22	A New Positron Emission Tomography Probe for Orexin Receptors Neuroimaging. <i>Molecules</i> , 2020, 25, 1018.	3.8	11
23	Development of a potential PET probe for HDAC6 imaging in Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3891-3904.	12.0	11
24	Radiosynthesis and in vivo evaluation of a new positron emission tomography radiotracer targeting bromodomain and extra-terminal domain (BET) family proteins. <i>Nuclear Medicine and Biology</i> , 2020, 84-85, 96-101.	0.6	9
25	Novel donepezil-chalcone-rivastigmine hybrids as potential multifunctional anti-Alzheimer's agents: Design, synthesis, in vitro biological evaluation, in vivo and in silico studies. <i>Bioorganic Chemistry</i> , 2022, 127, 106007.	4.1	9
26	Preclinical PET Neuroimaging of [ <sup>11</sup> C]Bexarotene. <i>Molecular Imaging</i> , 2016, 15, 153601211666305.	1.4	8
27	Visualization of Receptor-Interacting Protein Kinase 1 (RIPK1) by Brain Imaging with Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15420-15428.	6.4	8
28	Degradation and inhibition of epigenetic regulatory protein BRD4 exacerbate Alzheimer's disease-related neuropathology in cell models. <i>Journal of Biological Chemistry</i> , 2022, 298, 101794.	3.4	8
29	Discovery of a Positron Emission Tomography Radiotracer Selectively Targeting the BD1 Bromodomains of BET Proteins. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 282-287.	2.8	7
30	Synthesis and Characterization of a Positron Emission Tomography Imaging Probe Selectively Targeting the Second Bromodomain of Bromodomain Protein BRD4. <i>Bioconjugate Chemistry</i> , 2021, 32, 1711-1718.	3.6	7
31	Synthesis of <sup>11</sup> C-labeled DNA polymerase- $\beta$ inhibitor 5-methoxyflavone and PET/CT imaging thereof. <i>Nuclear Medicine and Biology</i> , 2019, 78-79, 17-22.	0.6	6
32	Development of sulfonamide-based NLRP3 inhibitors: Further modifications and optimization through structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114468.	5.5	6
33	Epitope alteration by small molecules and applications in drug discovery. <i>Chemical Science</i> , 2022, 13, 8104-8116.	7.4	6
34	Synthesis and Characterization of Carbon-11 Labeled Iloperidone for Imaging of $\beta$ -1-Adrenoceptor in Brain. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 586327.	3.5	4
35	Development of a Novel Positron Emission Tomography (PET) Radiotracer Targeting Bromodomain and Extra-Terminal Domain (BET) Family Proteins. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 198.	3.5	4
36	Synthesis and characterization of a new Positron emission tomography probe for orexin 2 receptors neuroimaging. <i>Bioorganic Chemistry</i> , 2022, 123, 105779.	4.1	4

#	ARTICLE	IF	CITATIONS
37	Molecular imaging of NAD <sup>+</sup> -dependent deacetylase SIRT1 in the brain. <i>Alzheimer's and Dementia</i> , 2021, , .	0.8	3
38	Novel Positron Emission Tomography Radiotracers for Imaging Mitochondrial Complex I. <i>ACS Chemical Neuroscience</i> , 2021, , .	3.5	3
39	Design, synthesis, and evaluation of novel <i>O</i> -alkyl ferulamide derivatives as multifunctional ligands for treating Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1375-1388.	5.2	3
40	Synthesis and Characterization of 5-(2-Fluoro-4- <sup>11</sup> C-methoxyphenyl)-2,2-dimethyl-3,4-dihydro-2H-pyrano[2,3- <i>b</i> ]pyridine-7-carboxamide as a PET Imaging Ligand for Metabotropic Glutamate Receptor 2. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2593-2609.	6.4	2
41	PET Imaging of Bromodomain and Extra-Terminal Domain Inhibitors for the Noninvasive Assessment of Metabolic Changes in the Liver and Brain of Early-Stage Alcoholic Liver Disease. <i>Molecular Pharmaceutics</i> , 0, , .	4.6	2
42	Synthesis of a carbon-11 radiolabeled BACE1 inhibitor. <i>Medicinal Chemistry Research</i> , 2020, 29, 262-267.	2.4	0
43	Radiosynthesis of [ <sup>11</sup> C]E11 for imaging EZH2 using positron emission tomography. <i>Medicinal Chemistry Research</i> , 2020, 29, 2106-2111.	2.4	0
44	Preliminary studies of an imidazole-based alcohol derivative for imaging of Heme oxygenase 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 64, 128674.	2.2	0