

Ahmed Haider

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

961
citations

394286

19
h-index

526166

27
g-index

58
all docs

58
docs citations

58
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Rest/stress myocardial perfusion imaging by positron emission tomography with 18F-Flurpiridaz: A feasibility study in mice. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 62-73.	1.4	4
2	Hybrid positron emission tomography and magnetic resonance imaging in carotid atherosclerosis: Not ready for prime time?. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3458-3460.	1.4	0
3	In vivo Imaging of Cannabinoid Type 2 Receptors: Functional and Structural Alterations in Mouse Model of Cerebral Ischemia by PET and MRI. <i>Molecular Imaging and Biology</i> , 2022, 24, 700-709.	1.3	11
4	Discovery of a highly specific 18F-labeled PET ligand for phosphodiesterase 10A enabled by novel spirocyclic iodonium ylide radiofluorination. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1963-1975.	5.7	5
5	Role of sex hormones in modulating myocardial perfusion and coronary flow reserve. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2209-2218.	3.3	6
6	Heartâ€œbrain interactions in cardiac and brain diseases: why sex matters. <i>European Heart Journal</i> , 2022, 43, 3971-3980.	1.0	28
7	Characterization in nonhuman primates of (R)-[18F]OF-Me-NB1 and (S)-[18F]OF-Me-NB1 for imaging the GluN2B subunits of the NMDA receptor. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, , 1.	3.3	8
8	Comparison of three novel radiotracers for GluN2B-containing NMDA receptors in non-human primates: <i>(R)</i> -[¹¹ C]NR2B-Me, <i>(R)</i> -[¹⁸ F]of-Me-NB1, and <i>(S)</i> -[¹⁸ F]of-NB1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1398-1409.	2.4	7
9	A novel monoacylglycerol lipase-targeted 18F-labeled probe for positron emission tomography imaging of brown adipose tissue in the energy network. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 3002-3010.	2.8	2
10	Imaging of Transmembrane AMPA Receptor Regulatory Proteins by Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9144-9158.	2.9	2
11	Imaging inflammation in atherosclerosis: Exploring all avenues. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2514-2517.	1.4	3
12	Preclinical Development of ¹⁸ F-OF-NB1 for Imaging GluN2B-Containing <i>N</i> -Methyl-d-Aspartate Receptors and Its Utility as a Biomarker for Amyotrophic Lateral Sclerosis. <i>Journal of Nuclear Medicine</i> , 2021, 62, 259-265.	2.8	19
13	Quantification of perivascular inflammation does not provide incremental prognostic value over myocardial perfusion imaging and calcium scoring. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1806-1812.	3.3	17
14	Age- and sex-dependent changes of resting amygdalar activity in individuals free of clinical cardiovascular disease. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 427-432.	1.4	4
15	Imaging the trace amine-associated receptor 1 by positron emission tomography. <i>Tetrahedron Letters</i> , 2021, 70, 153007.	0.7	3
16	Potential Impact of Statins on Neuronal Stress Responses in Patients at Risk for Cardiovascular Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 261.	1.1	2
17	Gender differences in the provision of intensive care: a Bayesian approach. <i>Intensive Care Medicine</i> , 2021, 47, 577-587.	3.9	36
18	Advances in Cyclic Nucleotide Phosphodiesterase-Targeted PET Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7083-7109.	2.9	11

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19	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperazinyl Azetidine Scaffold. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14283-14298.	2.9	9
20	Development of a triazolobenzodiazepine-based PET probe for subtype-selective vasopressin 1A receptor imaging. <i>Pharmacological Research</i> , 2021, 173, 105886.	3.1	4
21	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	2.9	33
22	Imaging Autotaxin In Vivo with ¹⁸ F-Labeled Positron Emission Tomography Ligands. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15053-15068.	2.9	4
23	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)- ¹¹ C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.121.262427.	2.8	14
24	The Repertoire of Small-Molecule PET Probes for Neuroinflammation Imaging: Challenges and Opportunities beyond TSPO. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17656-17689.	2.9	28
25	Immunoreactivity of the SARS-CoV-2 entry proteins ACE-2 and TMPRSS-2 in murine models of hormonal manipulation, ageing, and cardiac injury. <i>Scientific Reports</i> , 2021, 11, 23993.	1.6	5
26	Association between vertebral bone mineral density, myocardial perfusion, and long-term cardiovascular outcomes: A sex-specific analysis. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 726-736.	1.4	7
27	Sex-dependent association between inflammation, neural stress responses, and impaired myocardial function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2010-2015.	3.3	19
28	Sex and gender in cardiovascular medicine: presentation and outcomes of acute coronary syndrome. <i>European Heart Journal</i> , 2020, 41, 1328-1336.	1.0	167
29	Myocardial ¹⁸ F-FDG Uptake Pattern for Cardiovascular Risk Stratification in Patients Undergoing Oncologic PET/CT. <i>Journal of Clinical Medicine</i> , 2020, 9, 2279.	1.0	14
30	<i>N</i> -Methyl-D-Aspartate (NMDA) receptor modulators: a patent review (2015-present). <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 743-767.	2.4	33
31	Identification and Preclinical Development of a 2,5,6-Trisubstituted Fluorinated Pyridine Derivative as a Radioligand for the Positron Emission Tomography Imaging of Cannabinoid Type 2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10287-10306.	2.9	25
32	The Neuro-Inflammatory-Vascular Circuit: Evidence for a Sex-Dependent Interrelation?. <i>Frontiers in Neuroscience</i> , 2020, 14, 614345.	1.4	6
33	Microvascular dysfunction and sympathetic hyperactivity in women with supra-normal left ventricular ejection fraction (snLVEF). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3094-3106.	3.3	25
34	[¹⁸ F]Flurpiridaz: Facile and Improved Precursor Synthesis for this Next-Generation Cardiac Positron Emission Tomography Imaging Agent. <i>ChemMedChem</i> , 2020, 15, 1040-1043.	1.6	6
35	[¹¹ C]mHED PET follows a two-tissue compartment model in mouse myocardium with norepinephrine transporter (NET)-dependent uptake, while [¹⁸ F]LMI1195 uptake is NET-independent. <i>EJNMMI Research</i> , 2020, 10, 114.	1.1	7
36	Identification and Preclinical Evaluation of a Radiofluorinated Benzazepine Derivative for Imaging the GluN2B Subunit of the Ionotropic NMDA Receptor. <i>Journal of Nuclear Medicine</i> , 2019, 60, 259-266.	2.8	26

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37	Heart rate reserve is a long-term risk predictor in women undergoing myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2032-2041.	3.3	12
38	Structure-Activity Relationships of 2,3,4,5-Tetrahydro-1H-3-benzazepine and 6,7,8,9-Tetrahydro-5H-benzo[7]annulen-7-amine Analogues and the Discovery of a Radiofluorinated 2,3,4,5-Tetrahydro-1H-3-benzazepine Congener for Imaging GluN2B Subunit-Containing N-Methyl-d-aspartate Receptors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9450-9470.	2.9	26
39	Sex Differences in the Association between Inflammation and Ischemic Heart Disease. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1471-1480.	1.8	22
40	Metabolic Activity in Central Neural Structures of Patients With Myocardial Injury. <i>Journal of the American Heart Association</i> , 2019, 8, e013070.	1.6	4
41	Preclinical Evaluation of Benzazepine-Based PET Radioligands (<i>R</i> - and <i>S</i> - ¹¹ C-Me-NB1 Reveals Distinct Enantiomeric Binding Patterns and a Tightrope Walk Between GluN2B- and β -Receptor-Targeted PET Imaging. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1167-1173.	2.8	30
42	Quantification of intrathoracic fat adds prognostic value in women undergoing myocardial perfusion imaging. <i>International Journal of Cardiology</i> , 2019, 292, 258-264.	0.8	9
43	Association between resting amygdalar activity and abnormal cardiac function in women and men: a retrospective cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 625-632.	0.5	24
44	Structure-Activity Relationship Studies of Pyridine-Based Ligands and Identification of a Fluorinated Derivative for Positron Emission Tomography Imaging of Cannabinoid Type 2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11165-11181.	2.9	19
45	Heart rate reserve during pharmacological stress is a significant negative predictor of impaired coronary flow reserve in women. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1257-1267.	3.3	18
46	Association between beta-adrenoceptor antagonist-induced sympathicolysis and severity of coronary artery disease as assessed by coronary computed tomography angiography (CCTA). <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 927-936.	0.7	1
47	Impact of summer season on pre-hospital time delays in women and men undergoing primary percutaneous coronary intervention. <i>Science of the Total Environment</i> , 2019, 656, 322-330.	3.9	8
48	Fluorinated GluN2B Receptor Antagonists with a β -Benzazepine Scaffold Designed for PET Studies. <i>ChemMedChem</i> , 2018, 13, 1058-1068.	1.6	13
49	Evaluation of 4-oxo-quinoline-based CB2 PET radioligands in R6/2 chorea huntington mouse model and human ALS spinal cord tissue. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 746-759.	2.6	28
50	Evaluation of ¹¹ C-Me-NB1 as a Potential PET Radioligand for Measuring GluN2B-Containing NMDA Receptors, Drug Occupancy, and Receptor Cross Talk. <i>Journal of Nuclear Medicine</i> , 2018, 59, 698-703.	2.8	46
51	Age- and sex-dependent changes in sympathetic activity of the left ventricular apex assessed by 18F-DOPA PET imaging. <i>PLoS ONE</i> , 2018, 13, e0202302.	1.1	29
52	Synthesis and Biological Evaluation of Thiophene-Based Cannabinoid Receptor Type 2 Radiotracers for PET Imaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 350.	1.4	20
53	Discovery of a fluorinated β -quinoline derivative as a potential positron emission tomography radiotracer for imaging cannabinoid receptor type 2. <i>Journal of Neurochemistry</i> , 2016, 138, 874-886.	2.1	31