Ahmed Haider

List of Publications by Year
in descending order

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53	961	394286	526166
papers	citations	19	27
		h-index	g-index

58	58	58	1121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sex and gender in cardiovascular medicine: presentation and outcomes of acute coronary syndrome. European Heart Journal, 2020, 41, 1328-1336.	1.0	167
2	Evaluation of ¹¹C-Me-NB1 as a Potential PET Radioligand for Measuring GluN2B-Containing NMDA Receptors, Drug Occupancy, and Receptor Cross Talk. Journal of Nuclear Medicine, 2018, 59, 698-703.	2.8	46
3	Gender differences in the provision of intensive care: a Bayesian approach. Intensive Care Medicine, 2021, 47, 577-587.	3.9	36
4	N-Methyl-D-Aspartate (NMDA) receptor modulators: a patent review (2015-present). Expert Opinion on Therapeutic Patents, 2020, 30, 743-767.	2.4	33
5	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. Journal of Medicinal Chemistry, 2021, 64, 123-149.	2.9	33
6	Discovery of a fluorinated 4â€oxoâ€quinoline derivative as a potential positron emission tomography radiotracer for imaging cannabinoid receptor type 2. Journal of Neurochemistry, 2016, 138, 874-886.	2.1	31
7	Preclinical Evaluation of Benzazepine-Based PET Radioligands (R)- and (S)-¹¹C-Me-NB1 Reveals Distinct Enantiomeric Binding Patterns and a Tightrope Walk Between GluN2B- and Ïƒ₁-Receptorâ€“Targeted PET Imaging. Journal of Nuclear Medicine, 2019, 60, 1167-1173.	2.8	30
8	Age- and sex-dependent changes in sympathetic activity of the left ventricular apex assessed by 18F-DOPA PET imaging. PLoS ONE, 2018, 13, e0202302.	1.1	29
9	Evaluation of 4-oxo-quinoline-based CB2 PET radioligands in R6/2 chorea huntington mouse model and human ALS spinal cord tissue. European Journal of Medicinal Chemistry, 2018, 145, 746-759.	2.6	28
10	Heartâ€“brain interactions in cardiac and brain diseases: why sex matters. European Heart Journal, 2022, 43, 3971-3980.	1.0	28
11	The Repertoire of Small-Molecule PET Probes for Neuroinflammation Imaging: Challenges and Opportunities beyond TSPO. Journal of Medicinal Chemistry, 2021, 64, 17656-17689.	2.9	28
12	Identification and Preclinical Evaluation of a Radiofluorinated Benzazepine Derivative for Imaging the GluN2B Subunit of the Ionotropic NMDA Receptor. Journal of Nuclear Medicine, 2019, 60, 259-266.	2.8	26
13	Structureâ€“Affinity 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. Journal of Medicinal Chemistry, 2019, 62, 9450-9470.	2.9	26
14	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. Journal of Medicinal Chemistry, 2020, 63, 10287-10306.	2.9	25
15	Microvascular dysfunction and sympathetic hyperactivity in women with supra-normal left ventricular ejection fraction (snLVEF). European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3094-3106.	3.3	25
16	Association between resting amygdalar activity and abnormal cardiac function in women and men: a retrospective cohort study. European Heart Journal Cardiovascular Imaging, 2019, 20, 625-632.	0.5	24
17	Sex Differences in the Association between Inflammation and Ischemic Heart Disease. Thrombosis and Haemostasis, 2019, 119, 1471-1480.	1.8	22
18	Synthesis and Biological Evaluation of Thiophene-Based Cannabinoid Receptor Type 2 Radiotracers for PET Imaging. Frontiers in Neuroscience, 2016, 10, 350.	1.4	20

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19	Structureâ€“Activity Relationship Studies of Pyridine-Based Ligands and Identification of a Fluorinated Derivative for Positron Emission Tomography Imaging of Cannabinoid Type 2 Receptors. Journal of Medicinal Chemistry, 2019, 62, 11165-11181.	2.9	19
20	Sex-dependent association between inflammation, neural stress responses, and impaired myocardial function. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2010-2015.	3.3	19
21	Preclinical Development of ¹⁸F-OF-NB1 for Imaging GluN2B-Containing N-Methyl-d-Aspartate Receptors and Its Utility as a Biomarker for Amyotrophic Lateral Sclerosis. Journal of Nuclear Medicine, 2021, 62, 259-265.	2.8	19
22	Heart rate reserve during pharmacological stress is a significant negative predictor of impaired coronary flow reserve in women. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1257-1267.	3.3	18
23	Quantification of perivascular inflammation does not provide incremental prognostic value over myocardial perfusion imaging and calcium scoring. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1806-1812.	3.3	17
24	Myocardial 18F-FDG Uptake Pattern for Cardiovascular Risk Stratification in Patients Undergoing Oncologic PET/CT. Journal of Clinical Medicine, 2020, 9, 2279.	1.0	14
25	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)-11C-Me-NB1. Journal of Nuclear Medicine, 2021, , jnumed.121.262427.	2.8	14
26	Fluorinated GluN2B Receptor Antagonists with a 3â€Benzazepine Scaffold Designed for PET Studies. ChemMedChem, 2018, 13, 1058-1068.	1.6	13
27	Heart rate reserve is a long-term risk predictor in women undergoing myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2032-2041.	3.3	12
28	Advances in Cyclic Nucleotide Phosphodiesterase-Targeted PET Imaging and Drug Discovery. Journal of Medicinal Chemistry, 2021, 64, 7083-7109.	2.9	11
29	In vivo Imaging of Cannabinoid Type 2 Receptors: Functional and Structural Alterations in Mouse Model of Cerebral Ischemia by PET and MRI. Molecular Imaging and Biology, 2022, 24, 700-709.	1.3	11
30	Quantification of intrathoracic fat adds prognostic value in women undergoing myocardial perfusion imaging. International Journal of Cardiology, 2019, 292, 258-264.	0.8	9
31	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperazinyl Azetidine Scaffold. Journal of Medicinal Chemistry, 2021, 64, 14283-14298.	2.9	9
32	Impact of summer season on pre-hospital time delays in women and men undergoing primary percutaneous coronary intervention. Science of the Total Environment, 2019, 656, 322-330.	3.9	8
33	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. European Journal of Nuclear Medicine and Molecular Imaging, 2022, , 1.	3.3	8
34	Association between vertebral bone mineral density, myocardial perfusion, and long-term cardiovascular outcomes: A sex-specific analysis. Journal of Nuclear Cardiology, 2020, 27, 726-736.	1.4	7
35	[11C]mHED PET follows a two-tissue compartment model in mouse myocardium with norepinephrine transporter (NET)-dependent uptake, while [18F]LMI1195 uptake is NET-independent. EJNMMI Research, 2020, 10, 114.	1.1	7
36	Comparison of three novel radiotracers for GluN2B-containing NMDA receptors in non-human primates: (R)-[¹¹C]NR2B-Me, (R)-[¹⁸F]of-Me-NB1, and (S)-[¹⁸F]of-NB1. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1398-1409.	2.4	7

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37	The Neuro-Inflammatory-Vascular Circuit: Evidence for a Sex-Dependent Interrelation?. Frontiers in Neuroscience, 2020, 14, 614345.	1.4	6
38	[¹⁸F]Flurpiridaz: Facile and Improved Precursor Synthesis for this Nextâ€Generation Cardiac Positron Emission Tomography Imaging Agent. ChemMedChem, 2020, 15, 1040-1043.	1.6	6
39	Role of sex hormones in modulating myocardial perfusion and coronary flow reserve. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2209-2218.	3.3	6
40	Discovery of a highly specific 18F-labeled PET ligand for phosphodiesterase 10A enabled by novel spirocyclic iodonium ylide radiofluorination. Acta Pharmaceutica Sinica B, 2022, 12, 1963-1975.	5.7	5
41	Immunoreactivity of the SARS-CoV-2 entry proteins ACE-2 and TMPRSS-2 in murine models of hormonal manipulation, ageing, and cardiac injury. Scientific Reports, 2021, 11, 23993.	1.6	5
42	Metabolic Activity in Central Neural Structures of Patients With Myocardial Injury. Journal of the American Heart Association, 2019, 8, e013070.	1.6	4
43	Age- and sex-dependent changes of resting amygdalar activity in individuals free of clinical cardiovascular disease. Journal of Nuclear Cardiology, 2021, 28, 427-432.	1.4	4
44	Development of a triazolobenzodiazepine-based PET probe for subtype-selective vasopressin 1A receptor imaging. Pharmacological Research, 2021, 173, 105886.	3.1	4
45	Imaging Autotaxin In Vivo with 18F-Labeled Positron Emission Tomography Ligands. Journal of Medicinal Chemistry, 2021, 64, 15053-15068.	2.9	4
46	Rest/stress myocardial perfusion imaging by positron emission tomography with 18F-Flurpiridaz: A feasibility study in mice. Journal of Nuclear Cardiology, 2023, 30, 62-73.	1.4	4
47	Imaging inflammation in atherosclerosis: Exploring all avenues. Journal of Nuclear Cardiology, 2021, 28, 2514-2517.	1.4	3
48	Imaging the trace amine-associated receptor 1 by positron emission tomography. Tetrahedron Letters, 2021, 70, 153007.	0.7	3
49	Potential Impact of Statins on Neuronal Stress Responses in Patients at Risk for Cardiovascular Disease. Journal of Personalized Medicine, 2021, 11, 261.	1.1	2
50	A novel monoacylglycerol lipase-targeted 18F-labeled probe for positron emission tomography imaging of brown adipose tissue in the energy network. Acta Pharmacologica Sinica, 2022, 43, 3002-3010.	2.8	2
51	Imaging of Transmembrane AMPA Receptor Regulatory Proteins by Positron Emission Tomography. Journal of Medicinal Chemistry, 2022, 65, 9144-9158.	2.9	2
52	Association between beta-adrenoceptor antagonist-induced sympathicolysis and severity of coronary artery disease as assessed by coronary computed tomography angiography (CCTA). International Journal of Cardiovascular Imaging, 2019, 35, 927-936.	0.7	1
53	Hybrid positron emission tomography and magnetic resonance imaging in carotid atherosclerosis: Not ready for prime time?. Journal of Nuclear Cardiology, 2022, 29, 3458-3460.	1.4	0