

Behrooz Hooshyar Yousefi

List of Publications by Year in descending order

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44
papers

1,729
citations

331670

21
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Novel [18F]Fluorine-Labeled Radiotracers for the Imaging of β -Synuclein Fibrils. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 830704.	3.4	5
2	Clinical Relevance of [18F]Florbetaben and [18F]FDG PET/CT Imaging on the Management of Patients with Dementia. <i>Molecules</i> , 2021, 26, 1282.	3.8	5
3	18F-FIBT may expand PET for β -amyloid imaging in neurodegenerative diseases. <i>Molecular Psychiatry</i> , 2020, 25, 2608-2619.	7.9	13
4	PET Radiopharmaceuticals for Alzheimer's Disease and Parkinson's Disease Diagnosis, the Current and Future Landscape. <i>Molecules</i> , 2020, 25, 977.	3.8	68
5	Mapping the Binding Interface of PET Tracer Molecules and Alzheimer Disease β Fibrils by Using MAS Solid-State NMR Spectroscopy. <i>ChemBioChem</i> , 2020, 21, 2495-2502.	2.6	11
6	Synthesis and preclinical evaluation of novel 18F-labeled Glu-urea-Glu-based PSMA inhibitors for prostate cancer imaging: a comparison with 18F-DCFPyl and 18F-PSMA-1007. <i>EJNMMI Research</i> , 2018, 8, 30.	2.5	33
7	Comparison of 18F-T807 and 18F-THK5117 PET in a Mouse Model of Tau Pathology. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 174.	3.4	17
8	Targeting PI3K/mTOR signaling exerts potent antitumor activity in pheochromocytoma in vivo. <i>Endocrine-Related Cancer</i> , 2017, 24, 1-15.	3.1	14
9	Based on the Network Degeneration Hypothesis: Separating Individual Patients with Different Neurodegenerative Syndromes in a Preliminary Hybrid PET/MR Study. <i>Journal of Nuclear Medicine</i> , 2016, 57, 410-415.	5.0	50
10	Prefrontal Hypometabolism in Alzheimer Disease Is Related to Longitudinal Amyloid Accumulation in Remote Brain Regions. <i>Journal of Nuclear Medicine</i> , 2015, 56, 399-404.	5.0	49
11	Characterization and First Human Investigation of FIBT, a Novel Fluorinated β Plaque Neuroimaging PET Radioligand. <i>ACS Chemical Neuroscience</i> , 2015, 6, 428-437.	3.5	20
12	FIBT versus florbetaben and PiB: a preclinical comparison study with amyloid-PET in transgenic mice. <i>EJNMMI Research</i> , 2015, 5, 20.	2.5	36
13	Myocardial Kinetics of a Novel [18F]-Labeled Sympathetic Nerve PET Tracer LMI1195 in the Isolated Perfused Rabbit Heart. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1229-1231.	5.3	17
14	Small Vessel Disease, but Neither Amyloid Load nor Metabolic Deficit, Is Dependent on Age at Onset in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2015, 77, 704-710.	1.3	17
15	In Alzheimer's Disease, Hypometabolism in Low-Amyloid Brain Regions May Be a Functional Consequence of Pathologies in Connected Brain Regions. <i>Brain Connectivity</i> , 2014, 4, 371-383.	1.7	28
16	LRP-1 polymorphism is associated with global and regional amyloid load in Alzheimer's disease in humans in-vivo. <i>NeuroImage: Clinical</i> , 2014, 4, 411-416.	2.7	15
17	Synthesis of polysubstituted pyridines via reactions of chalcones and malononitrile in alcohols using Amberlite IRA-400 (OH ⁻). <i>Tetrahedron Letters</i> , 2013, 54, 5293-5298.	1.4	22
18	Voxel-Based Analysis of Amyloid-Burden Measured with [11C]PiB PET in a Double Transgenic Mouse Model of Alzheimer's Disease. <i>Molecular Imaging and Biology</i> , 2013, 15, 576-584.	2.6	16

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19	O2-11-01: Characterization of [F-18]FIBT, a highly selective and specific PET imaging agent for beta-amyloid plaques. , 2013, 9, P336-P337.		0
20	Preclinical Evaluation of 18F-LMI1195 for In Vivo Imaging of Pheochromocytoma in the MENX Tumor Model. Journal of Nuclear Medicine, 2013, 54, 2111-2117.	5.0	19
21	Assessment of the ¹⁸ F-Labeled PET Tracer LMI1195 for Imaging Norepinephrine Handling in Rat Hearts. Journal of Nuclear Medicine, 2013, 54, 1142-1146.	5.0	38
22	Development of an improved radioiodinated 2-phenylimidazo[1,2-a]pyridine for non-invasive imaging of amyloid plaques. MedChemComm, 2012, 3, 775.	3.4	9
23	TiCl ₄ -promoted desulfurization of thiocarbonyls and oxidation of sulfides in the presence of H ₂ O ₂ . Journal of Sulfur Chemistry, 2012, 33, 155-163.	2.0	12
24	White matter hyperintensities predict amyloid increase in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 2766-2773.	3.1	115
25	Regional Expansion of Hypometabolism in Alzheimer's Disease Follows Amyloid Deposition with Temporal Delay. Biological Psychiatry, 2012, 71, 792-797.	1.3	96
26	Quantitative longitudinal interrelationships between brain metabolism and amyloid deposition during a 2-year follow-up in patients with early Alzheimer's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1927-1936.	6.4	39
27	Small-Animal PET Imaging of Amyloid-Beta Plaques with [11C]PiB and Its Multi-Modal Validation in an APP/PS1 Mouse Model of Alzheimer's Disease. PLoS ONE, 2012, 7, e31310.	2.5	102
28	Cerebrospinal Fluid BACE1 Activity and Brain Amyloid Load in Alzheimer's Disease. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	10
29	Synthesis and Evaluation of ¹¹ C-Labeled Imidazo[2,1-b]benzothiazoles (IBTs) as PET Tracers for Imaging ¹²⁵ I-Amyloid Plaques in Alzheimer's Disease. Journal of Medicinal Chemistry, 2011, 54, 949-956.	6.4	68
30	A Novel 18F-Labeled Imidazo[2,1-b]benzothiazole (IBT) for High-Contrast PET Imaging of ¹²⁵ I-Amyloid Plaques. ACS Medicinal Chemistry Letters, 2011, 2, 673-677.	2.8	53
31	Solubility Prediction of Drugs in Mixed Solvents Using Partial Solubility Parameters. Journal of Pharmaceutical Sciences, 2011, 100, 4368-4382.	3.3	53
32	TMSCl-promoted selective oxidation of sulfides to sulfoxides with hydrogen peroxide. Tetrahedron Letters, 2010, 51, 6939-6941.	1.4	31
33	Progression of Cerebral Amyloid Load Is Associated with the Apolipoprotein E ϵ 4 Genotype in Alzheimer's Disease. Biological Psychiatry, 2010, 68, 879-884.	1.3	103
34	Synthesis and Evaluation of a Full-Agonist Orvinol for PET-Imaging of Opioid Receptors: [11C]PEO. Journal of Medicinal Chemistry, 2009, 52, 5586-5589.	6.4	16
35	Development and evaluation of compounds for imaging of ¹²⁵ I-amyloid plaque by means of positron emission tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 75-81.	6.4	54
36	Adventures In Microwave-assisted Organic Synthesis: Contributions From The Kappe Laboratory 2000-2005. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2008, , 225-251.	0.1	3

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37	Efficient synthesis of 1,5-benzodiazepines catalyzed by silica supported 12-tungstophosphoric acid. <i>Catalysis Communications</i> , 2008, 9, 2496-2502.	3.3	34
38	Metabolically Stabilized Benzothiazoles for Imaging of Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1087-1089.	6.4	74
39	Rapid and Efficient Synthesis of Imidazolines and Bisimidazolines Under Microwave and Ultrasonic Irradiation. <i>Monatshefte für Chemie</i> , 2007, 138, 579-583.	1.8	11
40	4,4'-Diethylaminoethoxyhexestrol dihydrochloride. <i>MolBank</i> , 2006, 2006, M511.	0.5	1
41	Rapid microwave-assisted solution phase synthesis of substituted 2-pyridone libraries. <i>Tetrahedron</i> , 2004, 60, 8633-8644.	1.9	173
42	A quantitative structure property relationship study of electrophoretic mobility of analytes in capillary zone electrophoresis. <i>Computational Biology and Chemistry</i> , 2003, 27, 297-303.	2.3	18
43	Scalability of Microwave-Assisted Organic Synthesis. From Single-Mode to Multimode Parallel Batch Reactors. <i>Organic Process Research and Development</i> , 2003, 7, 707-716.	2.7	158
44	Efficient Synthesis and Theoretical Study of Siloxy-Benzocyclooctenes: 7,8-Bis-trimethylsilyloxy-5,6,9,10-tetrahydro-benzocyclooctene and 6,9-Dimethyl-7,8-bis-trimethylsilyloxy-5,6,9,10-tetrahydro-benzocyclooctene-6,9-dicarboxylic Acid Diethyl Ester. <i>Tetrahedron</i> , 2000, 56, 8301-8308.	1.9	2