Alexander Drzezga

List of Publications by Year
in descending order

40 papers	2,915 citations	218592 26 h-index	289141 40 g-index
41 all docs	41 docs citations	41 times ranked	3696 citing authors

#	Article	IF	Citations
1	First Clinical Experience with Integrated Whole-Body PET/MR: Comparison to PET/CT in Patients with Oncologic Diagnoses. Journal of Nuclear Medicine, 2012, 53, 845-855.	2.8	466
2	SPECT/CT. Journal of Nuclear Medicine, 2008, 49, 1305-1319.	2.8	280
3	Central activation by histamine-induced itch: analogies to pain processing: a correlational analysis of O-15 H2O positron emission tomography studies. Pain, 2001, 92, 295-305.	2.0	229
4	Imaging of amyloid plaques and cerebral glucose metabolism in semantic dementia and Alzheimerâ€™s disease. NeuroImage, 2008, 39, 619-633.	2.1	201
5	Decline of cerebral glucose metabolism in frontotemporal dementia: a longitudinal 18F-FDG-PET-study. Neurobiology of Aging, 2007, 28, 42-50.	1.5	194
6	Processing of Histamine-Induced Itch in the Human Cerebral Cortex: A Correlation Analysis with Dermal Reactions. Journal of Investigative Dermatology, 2000, 115, 1029-1033.	0.3	130
7	Workflow and Scan Protocol Considerations for Integrated Whole-Body PET/MRI in Oncology. Journal of Nuclear Medicine, 2012, 53, 1415-1426.	2.8	109
8	Continuous Transcranial Magnetic Stimulation during Positron Emission Tomography: A Suitable Tool for Imaging Regional Excitability of the Human Cortex. NeuroImage, 2001, 14, 883-890.	2.1	102
9	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.	1.1	102
10	Long-Term Consequences of Switching Handedness: A Positron Emission Tomography Study on Handwriting in â€œConvertedâ€•Left-Handers. Journal of Neuroscience, 2002, 22, 2816-2825.	1.7	97
11	Resting state glucose utilization and the CERAD cognitive battery in patients with Alzheimer's disease. Neurobiology of Aging, 2006, 27, 681-690.	1.5	79
12	Short-term modulation of regional excitability and blood flow in human motor cortex following rapid-rate transcranial magnetic stimulation. NeuroImage, 2004, 23, 849-859.	2.1	76
13	Metabolically Stabilized Benzothiazoles for Imaging of Amyloid Plaques. Journal of Medicinal Chemistry, 2007, 50, 1087-1089.	2.9	74
14	Synthesis and Evaluation of ¹¹C-Labeled Imidazo[2,1-b]benzothiazoles (IBTs) as PET Tracers for Imaging Î²-Amyloid Plaques in Alzheimerâ€™s Disease. Journal of Medicinal Chemistry, 2011, 54, 949-956.	2.9	68
15	Effects of donepezil on cortical metabolic response to activation during 18FDG-PET in Alzheimerâ€™s disease: a double-blind cross-over trial. Psychopharmacology, 2006, 187, 86-94.	1.5	62
16	Potential Clinical Applications of PET/MR Imaging in Neurodegenerative Diseases. Journal of Nuclear Medicine, 2014, 55, 47S-55S.	2.8	62
17	A Novel 18F-Labeled Imidazo[2,1-b]benzothiazole (IBT) for High-Contrast PET Imaging of Î²-Amyloid Plaques. ACS Medicinal Chemistry Letters, 2011, 2, 673-677.	1.3	53
18	Imaging functional activation of the auditory cortex during focal repetitive transcranial magnetic stimulation of the primary motor cortex in normal subjects. Neuroscience Letters, 1999, 270, 37-40.	1.0	47

#	Article	IF	Citations
19	Systematic Comparison of the Performance of Integrated Whole-Body PET/MR Imaging to Conventional PET/CT for ¹⁸F-FDG Brain Imaging in Patients Examined for Suspected Dementia. Journal of Nuclear Medicine, 2014, 55, 923-931.	2.8	46
20	Longitudinal Changes of Cerebral Glucose Metabolism in Semantic Dementia. Dementia and Geriatric Cognitive Disorders, 2006, 22, 346-351.	0.7	41
21	Imaging Frontotemporal Lobar Degeneration. Current Neurology and Neuroscience Reports, 2014, 14, 489.	2.0	41
22	Impaired Cross-Modal Inhibition in Alzheimer Disease. PLoS Medicine, 2005, 2, e288.	3.9	37
23	Diagnostic utility of 18F-Fluorodeoxyglucose positron emission tomography (FDG-PET) in asymptomatic subjects at increased risk for Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1487-1496.	3.3	35
24	Tau-imaging in neurodegeneration. Methods, 2017, 130, 114-123.	1.9	34
25	The Network Degeneration Hypothesis: Spread of Neurodegenerative Patterns Along Neuronal Brain Networks. Journal of Nuclear Medicine, 2018, 59, 1645-1648.	2.8	30
26	Association between Cognitive Performance and Cortical Glucose Metabolism in Patients with Mild Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders, 2005, 20, 352-357.	0.7	29
27	A perspective on the future role of brain pet imaging in exercise science. NeuroImage, 2016, 131, 73-80.	2.1	27
28	Prominent hypometabolism of the right temporoparietal and frontal cortex in two left-handed patients with primary progressive aphasia. Journal of Neurology, 2002, 249, 1263-1267.	1.8	22
29	Is Tau Imaging More Than Just Upside-Down ¹⁸F-FDG Imaging?. Journal of Nuclear Medicine, 2017, 58, 1357-1359.	2.8	21
30	Connectomics and molecular imaging in neurodegeneration. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2819-2830.	3.3	21
31	Characterization and First Human Investigation of FIBT, a Novel Fluorinated AÎ² Plaque Neuroimaging PET Radioligand. ACS Chemical Neuroscience, 2015, 6, 428-437.	1.7	20
32	Voxel-Based Analysis of Amyloid-Burden Measured with [11C]PiB PET in a Double Transgenic Mouse Model of Alzheimerâ€™s Disease. Molecular Imaging and Biology, 2013, 15, 576-584.	1.3	16
33	A Case of Multimodality Multiparametric 11C-Choline PET/MR for Biopsy Targeting in Prior Biopsy-Negative Primary Prostate Cancer. Clinical Nuclear Medicine, 2012, 37, 918-919.	0.7	13
34	18F-FIBT may expand PET for Î²-amyloid imaging in neurodegenerative diseases. Molecular Psychiatry, 2020, 25, 2608-2619.	4.1	13
35	Indication of retrograde tau spreading along Braak stages and functional connectivity pathways. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2272-2282.	3.3	12
36	Assessment of the In Vivo Relationship Between Cerebral Hypometabolism, Tau Deposition, TSPO Expression, and Synaptic Density in a Tauopathy Mouse Model: a Multi-tracer PET Study. Molecular Neurobiology, 2022, 59, 3402-3413.	1.9	10

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37	Development of an improved radioiodinated 2-phenylimidazo[1,2-a]pyridine for non-invasive imaging of amyloid plaques. MedChemComm, 2012, 3, 775.	3.5	9
38	Efficient redundancy reduced subgroup discovery via quadratic programming. Journal of Intelligent Information Systems, 2015, 44, 271-288.	2.8	5
39	Positron Emission Tomography of the Human Brain in an Experimental Itch Model. International Archives of Allergy and Immunology, 2001, 124, 359-361.	0.9	1
40	Structural and Functional Magnetic Resonance Imaging. PET Clinics, 2013, 8, 407-430.	1.5	1