

Gareth R Jones

List of Publications by Year in descending order

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36
papers

5,586
citations

218677

26
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

5321
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid imaging results from the Australian Imaging, Biomarkers and Lifestyle (AIBL) study of aging. <i>Neurobiology of Aging</i> , 2010, 31, 1275-1283.	3.1	885
2	Longitudinal assessment of A β and cognition in aging and Alzheimer disease. <i>Annals of Neurology</i> , 2011, 69, 181-192.	5.3	730
3	Imaging of amyloid β in Alzheimer's disease with 18F-BAY94-9172, a novel PET tracer: proof of mechanism. <i>Lancet Neurology</i> , The, 2008, 7, 129-135.	10.2	631
4	Relationship between atrophy and β -amyloid deposition in Alzheimer disease. <i>Annals of Neurology</i> , 2010, 67, 317-324.	5.3	322
5	Amyloid Imaging with ¹⁸ F-Florbetaben in Alzheimer Disease and Other Dementias. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1210-1217.	5.0	311
6	A β deposits in older non-demented individuals with cognitive decline are indicative of preclinical Alzheimer's disease. <i>Neuropsychologia</i> , 2008, 46, 1688-1697.	1.6	272
7	The ¹⁸ F-FDG PET Cingulate Island Sign and Comparison to ¹²³ I-I β -CIT SPECT for Diagnosis of Dementia with Lewy Bodies. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1638-1645.	5.0	260
8	Regional dynamics of amyloid- β deposition in healthy elderly, mild cognitive impairment and Alzheimer's disease: a voxelwise PiB-PET longitudinal study. <i>Brain</i> , 2012, 135, 2126-2139.	7.6	222
9	Visual Assessment Versus Quantitative Assessment of 11C-PiB PET and 18F-FDG PET for Detection of Alzheimer's Disease. <i>Journal of Nuclear Medicine</i> , 2007, 48, 547-552.	5.0	220
10	Predicting Alzheimer disease with β -amyloid imaging: Results from the Australian imaging, biomarkers, and lifestyle study of ageing. <i>Annals of Neurology</i> , 2013, 74, 905-913.	5.3	194
11	Comparison of 11C-PiB and 18F-florbetaben for A β imaging in ageing and Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 983-989.	6.4	161
12	High Striatal Amyloid β -Peptide Deposition Across Different Autosomal Alzheimer Disease Mutation Types. <i>Archives of Neurology</i> , 2009, 66, 1537-44.	4.5	156
13	Head-to-Head Comparison of ¹¹ C-PiB and ¹⁸ F-AZD4694 (NAV4694) for β -Amyloid Imaging in Aging and Dementia. <i>Journal of Nuclear Medicine</i> , 2013, 54, 880-886.	5.0	145
14	Independent contribution of temporal β -amyloid deposition to memory decline in the pre-dementia phase of Alzheimer's disease. <i>Brain</i> , 2011, 134, 798-807.	7.6	132
15	Larger temporal volume in elderly with high versus low beta-amyloid deposition. <i>Brain</i> , 2010, 133, 3349-3358.	7.6	130
16	In Vivo Measurement of Vesicular Monoamine Transporter Type 2 Density in Parkinson Disease with ¹⁸ F-AV-133. <i>Journal of Nuclear Medicine</i> , 2010, 51, 223-228.	5.0	122
17	18F-Florbetaben PET beta-amyloid binding expressed in Centiloids. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2053-2059.	6.4	87
18	Appearance modeling of 11C PiB PET images: Characterizing amyloid deposition in Alzheimer's disease, mild cognitive impairment and healthy aging. <i>NeuroImage</i> , 2008, 43, 430-439.	4.2	81

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19	Standardized Expression of ¹⁸ F-NAV4694 and ¹¹ C-PiB β -Amyloid PET Results with the Centiloid Scale. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1233-1237.	5.0	80
20	Dopamine D1 receptor binding in the striatum of patients with obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2009, 114, 321-326.	4.1	68
21	A Novel Method for Respiratory Motion Gated With Geometric Sensitivity of the Scanner in 3D PET. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 2557-2565.	2.0	49
22	Investigation of hypoxia and carbonic anhydrase IX expression in a renal cell carcinoma xenograft model with oxygen tension measurements and ¹²⁴ I-cG250 PET/CT. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2011, 29, 411-420.	1.6	39
23	In Vivo Assessment of Vesicular Monoamine Transporter Type 2 in Dementia With Lewy Bodies and Alzheimer Disease. <i>Archives of Neurology</i> , 2011, 68, 905.	4.5	38
24	Differential Diagnosis in Alzheimer's Disease and Dementia with Lewy Bodies via VMAT2 and Amyloid Imaging. <i>Neurodegenerative Diseases</i> , 2012, 10, 161-165.	1.4	37
25	Differentiating the Frontal Presentation of Alzheimer's Disease with FDG-PET. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 233-242.	2.6	37
26	Dopamine D1 receptor binding in the anterior cingulate cortex of patients with obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 85-88.	1.8	31
27	Immuno-PET Quantitation of de2-7 Epidermal Growth Factor Receptor Expression in Glioma Using ¹²⁴ I-IMP-R4 Labeled Antibody ch806. <i>Journal of Nuclear Medicine</i> , 2010, 51, 967-972.	5.0	26
28	Automated ¹¹ C-PiB Standardized Uptake Value Ratio. <i>Academic Radiology</i> , 2008, 15, 1376-1389.	2.5	24
29	Evaluation of Geometrical Sensitivity for Respiratory Motion Gating by GATE and NCAT Simulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4165-8.	0.5	17
30	Management Impact of Imaging Brain Vesicular Monoamine Transporter Type 2 in Clinically Uncertain Parkinsonian Syndrome with ¹⁸ F-AV133 and PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1815-1820.	5.0	17
31	¹¹ C-PiB PET ABri Imaging in Worster-Drought Syndrome (Familial British Dementia): A Case Report. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 423-428.	2.6	15
32	MR-Less High Dimensional Spatial Normalization of ¹¹ C PiB PET Images on a Population of Elderly, Mild Cognitive Impaired and Alzheimer Disease Patients. <i>Lecture Notes in Computer Science</i> , 2008, 11, 442-449.	1.3	15
33	The Application of GATE and NCAT to Respiratory Motion Simulation in Allegro PET. , 2006, , .		9
34	A head-to-head comparison of cerebral blood flow SPECT and ¹⁸ F-FDG PET in the diagnosis of Alzheimer's Disease. <i>Internal Medicine Journal</i> , 2020, 51, 1243-1250.	0.8	8
35	Divergent Network Patterns of Amyloid- β Deposition in Logopenic and Amnesic Alzheimer's Disease Presentations. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 24-31.	1.5	3
36	Investigation of respiratory motion gating with geometric sensitivity in Allegro PET. , 2007, , .		0