

# Gareth R Jones

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

4,611  
citations

25  
h-index

44  
g-index

44  
ext. papers

5,155  
ext. citations

7.1  
avg, IF

4.32  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 35 | Amyloid imaging results from the Australian Imaging, Biomarkers and Lifestyle (AIBL) study of aging. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 1275-83   | 5.6  | 750       |
| 34 | Longitudinal assessment of A $\beta$ and cognition in aging and Alzheimer disease. <i>Annals of Neurology</i> , <b>2011</b> , 69, 181-92  | 9.4  | 576       |
| 33 | Imaging of amyloid beta in Alzheimer's disease with 18F-BAY94-9172, a novel PET tracer: proof of mechanism. <i>Lancet Neurology</i> , <b>2008</b> , 7, 129-35   | 24.1 | 551       |
| 32 | Amyloid imaging with (18)F-florbetaben in Alzheimer disease and other dementias. <i>Journal of Nuclear Medicine</i> , <b>2011</b> , 52, 1210-7  | 8.9  | 267       |
| 31 | Relationship between atrophy and beta-amyloid deposition in Alzheimer disease. <i>Annals of Neurology</i> , <b>2010</b> , 67, 317-24  | 9.4  | 255       |
| 30 | A $\beta$ deposits in older non-demented individuals with cognitive decline are indicative of preclinical Alzheimer's disease. <i>Neuropsychologia</i> , <b>2008</b> , 46, 1688-97                        | 3.2  | 239       |
| 29 | The 18F-FDG PET cingulate island sign and comparison to 123I-beta-CIT SPECT for diagnosis of dementia with Lewy bodies. <i>Journal of Nuclear Medicine</i> , <b>2009</b> , 50, 1638-45                    | 8.9  | 205       |
| 28 | Regional dynamics of amyloid- $\beta$ deposition in healthy elderly, mild cognitive impairment and Alzheimer's disease: a voxelwise PiB-PET longitudinal study. <i>Brain</i> , <b>2012</b> , 135, 2126-39 | 11.2 | 179       |
| 27 | 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> , <b>2007</b> , 48, 547-52                       | 8.9  | 172       |
| 26 | Predicting Alzheimer disease with $\beta$ -amyloid imaging: results from the Australian imaging, biomarkers, and lifestyle study of ageing. <i>Annals of Neurology</i> , <b>2013</b> , 74, 905-13         | 9.4  | 158       |
| 25 | Comparison of 11C-PiB and 18F-florbetaben for A $\beta$ imaging in ageing and Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 39, 983-9            | 8.8  | 143       |
| 24 | High striatal amyloid beta-peptide deposition across different autosomal Alzheimer disease mutation types. <i>Archives of Neurology</i> , <b>2009</b> , 66, 1537-44                                       |      | 133       |
| 23 | Head-to-head comparison of 11C-PiB and 18F-AZD4694 (NAV4694) for $\beta$ -amyloid imaging in aging and dementia. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 880-6                             | 8.9  | 121       |
| 22 | Independent contribution of temporal beta-amyloid deposition to memory decline in the pre-dementia phase of Alzheimer's disease. <i>Brain</i> , <b>2011</b> , 134, 798-807                                | 11.2 | 113       |
| 21 | Larger temporal volume in elderly with high versus low beta-amyloid deposition. <i>Brain</i> , <b>2010</b> , 133, 3349-58.2   | 11.2 | 111       |
| 20 | In vivo measurement of vesicular monoamine transporter type 2 density in Parkinson disease with (18)F-AV-133. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 223-8                                | 8.9  | 103       |
| 19 | Appearance modeling of 11C PiB PET images: characterizing amyloid deposition in Alzheimer's disease, mild cognitive impairment and healthy aging. <i>NeuroImage</i> , <b>2008</b> , 43, 430-9             | 7.9  | 70        |

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|----|--|-----|----|
| 18 | Dopamine D1 receptor binding in the striatum of patients with obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , <b>2009</b> , 114, 321-6  | 6.6 | 60 |
| 17 | F-Florbetaben PET beta-amyloid binding expressed in Centiloids. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2017</b> , 44, 2053-2059  | 8.8 | 55 |
| 16 | Standardized Expression of 18F-NAV4694 and 11C-PiB $\beta$ -Amyloid PET Results with the Centiloid Scale. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1233-7  | 8.9 | 52 |
| 15 | . <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 2557-2565  | 1.7 | 41 |
| 14 | In vivo assessment of vesicular monoamine transporter type 2 in dementia with lewy bodies and Alzheimer disease. <i>Archives of Neurology</i> , <b>2011</b> , 68, 905-12   |     | 35 |
| 13 | Investigation of hypoxia and carbonic anhydrase IX expression in a renal cell carcinoma xenograft model with oxygen tension measurements and $^{67}\text{Ga}$ -cG250 PET/CT. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2011</b> , 29, 411-20 | 2.8 | 32 |
| 12 | Differential diagnosis in Alzheimer's disease and dementia with Lewy bodies via VMAT2 and amyloid imaging. <i>Neurodegenerative Diseases</i> , <b>2012</b> , 10, 161-5   | 2.3 | 31 |
| 11 | Differentiating the frontal presentation of Alzheimer's disease with FDG-PET. <i>Journal of Alzheimers Disease</i> , <b>2015</b> , 44, 233-42  | 4.3 | 27 |
| 10 | Immuno-PET quantitation of de2-7 epidermal growth factor receptor expression in glioma using 124I-IMP-R4-labeled antibody ch806. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 967-72   | 8.9 | 25 |
| 9  | Dopamine D(1) receptor binding in the anterior cingulate cortex of patients with obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2010</b> , 183, 85-8  | 2.9 | 22 |
| 8  | Automated (11)C-PiB standardized uptake value ratio. <i>Academic Radiology</i> , <b>2008</b> , 15, 1376-89   | 4.3 | 17 |
| 7  | 11C-PiB PET ABri imaging in Worster-Drought syndrome (familial British dementia): a case report. <i>Journal of Alzheimers Disease</i> , <b>2010</b> , 19, 423-8  | 4.3 | 14 |
| 6  | Management Impact of Imaging Brain Vesicular Monoamine Transporter Type 2 in Clinically Uncertain Parkinsonian Syndrome with F-AV133 and PET. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1815-1820   | 8.9 | 11 |
| 5  | 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> , <b>2007</b> , 2007, 4165-8   |     | 11 |
| 4  | MR-less high dimensional spatial normalization of 11C PiB PET images on a population of elderly, mild cognitive impaired and Alzheimer disease patients. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 11, 442-9  | 0.9 | 11 |
| 3  | Head-to-head comparison of cerebral blood flow single-photon emission computed tomography and F-fluoro-2-deoxyglucose positron emission tomography in the diagnosis of Alzheimer disease. <i>Internal Medicine Journal</i> , <b>2021</b> , 51, 1243-1250               | 1.6 | 5  |
| 2  | Divergent Network Patterns of Amyloid- $\beta$ Deposition in Logopenic and Amnesic Alzheimer's Disease Presentations. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2016</b> , 1, 24-31   | 3.4 | 3  |
| 1  | The Application of GATE and NCAT to Respiratory Motion Simulation in Allegro PET <b>2006</b> ,   |     | 3  |

