

# Pedro Pedro Rosa Rosa-Neto

## List of Publications by Year in Descending Order

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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.

283  
papers

8,289  
citations

46  
h-index

83  
g-index

318  
ext. papers

10,960  
ext. citations

6.4  
avg, IF

6  
L-index

#	Paper	IF	Citations
283	Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103836	8.8	4
282	Clozapine induces astrocyte-dependent FDG-PET hypometabolism.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	2
281	Comparing tau status determined via plasma pTau181, pTau231 and [F]MK6240 tau-PET.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103837	8.8	1
280	Association of locus coeruleus integrity with Braak stage and neuropsychiatric symptom severity in Alzheimer's disease.. <i>Neuropsychopharmacology</i> , <b>2022</b> ,	8.7	3
279	Blood phospho-tau in Alzheimer disease: analysis, interpretation, and clinical utility.. <i>Nature Reviews Neurology</i> , <b>2022</b> ,	15	4
278	Soluble amyloid-beta isoforms predict downstream Alzheimer's disease pathology.. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 204	9.8	0
277	Frequency of Biologically Defined Alzheimer Disease in Relation to Age, Sex, $\beta$ , and Cognitive Impairment. <i>Neurology</i> , <b>2021</b> , 96, e975-e985	6.5	7
276	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1471-1483	17.2	18
275	Co-registration of Imaging Modalities (MRI, CT and PET) to Perform Frameless Stereotaxic Robotic Injections in the Common Marmoset. <i>Neuroscience</i> , <b>2021</b> , 480, 143-154	3.9	0
274	Validation of the LUMIPULSE automated immunoassay for the measurement of core AD biomarkers in cerebrospinal fluid. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> ,	5.9	2
273	18F-MK-6240 tau-PET in genetic frontotemporal dementia. <i>Brain</i> , <b>2021</b> ,	11.2	1
272	Amyloid-dependent and amyloid-independent effects of Tau in individuals without dementia. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 2083-2092	5.3	1
271	Elderly Man Repeating Questions about Upcoming Appointments <b>2021</b> , 14-17		
270	Plasma pTau181 predicts cortical brain atrophy in aging and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , <b>2021</b> , 13, 69	9	10
269	Pro-inflammatory interleukin-6 signaling links cognitive impairments and peripheral metabolic alterations in Alzheimer's disease. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 251	8.6	11
268	Plasma levels of phosphorylated tau 181 are associated with cerebral metabolic dysfunction in cognitively impaired and amyloid-positive individuals. <i>Brain Communications</i> , <b>2021</b> , 3, fcab073	4.5	7
267	Mitochondrial complex I abnormalities is associated with tau and clinical symptoms in mild Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2021</b> , 16, 28	19	9

266	Interactive rather than independent effect of and sex potentiates tau deposition in women. <i>Brain Communications</i> , <b>2021</b> , 3, fcab126	4.5	3
265	In vivo hippocampal cornu ammonis 1-3 glutamatergic abnormalities are associated with temporal lobe epilepsy surgery outcomes. <i>Epilepsia</i> , <b>2021</b> , 62, 1559-1568	6.4	0
264	A multicenter comparison of [F]flortaucipir, [F]RO948, and [F]MK6240 tau PET tracers to detect a common target ROI for differential diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 2295-2305	8.8	11
263	Astrocyte Biomarkers in Alzheimer Disease: A Systematic Review and Meta-analysis. <i>Neurology</i> , <b>2021</b> ,	6.5	23
262	Artificial intelligence for molecular neuroimaging. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 822	3.2	1
261	A multicentre validation study of the diagnostic value of plasma neurofilament light. <i>Nature Communications</i> , <b>2021</b> , 12, 3400	17.4	51
260	Association of plasma P-tau181 with memory decline in non-demented adults. <i>Brain Communications</i> , <b>2021</b> , 3, fcab136	4.5	3
259	Amyloid and Tau Pathology Associations With Personality Traits, Neuropsychiatric Symptoms, and Cognitive Lifestyle in the Preclinical Phases of Sporadic and Autosomal Dominant Alzheimer's Disease. <i>Biological Psychiatry</i> , <b>2021</b> , 89, 776-785	7.9	13
258	Determining Amyloid-Positivity Using F-AZD4694 PET Imaging. <i>Journal of Nuclear Medicine</i> , <b>2021</b> , 62, 247-252	8.9	20
257	The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 55, 101384	10.2	12
256	Machine Learning in Nuclear Medicine: Part 2-Neural Networks and Clinical Aspects. <i>Journal of Nuclear Medicine</i> , <b>2021</b> , 62, 22-29	8.9	3
255	Diagnostic Impact of Cerebrospinal Fluid Biomarkers in Atypical Dementias in Canada. <i>Canadian Journal of Neurological Sciences</i> , <b>2021</b> , 48, 312-320	1	
254	Topographic Distribution of Amyloid- $\tau$ and Atrophy in Patients With Behavioral/Dysexecutive Alzheimer Disease. <i>Neurology</i> , <b>2021</b> , 96, e81-e92	6.5	10
253	Diagnostic performance and prediction of clinical progression of plasma phospho-tau181 in the Alzheimer's Disease Neuroimaging Initiative. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 429-442	15.1	70
252	Neuropsychiatric symptoms are early indicators of an upcoming metabolic decline in Alzheimer's disease. <i>Translational Neurodegeneration</i> , <b>2021</b> , 10, 1	10.3	5
251	Large-scale mGluR5 network abnormalities linked to epilepsy duration in focal cortical dysplasia. <i>NeuroImage: Clinical</i> , <b>2021</b> , 29, 102552	5.3	0
250	Association between regional tau pathology and neuropsychiatric symptoms in aging and dementia due to Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2021</b> , 7, e12154	6	1
249	Open science datasets from PREVENT-AD, a longitudinal cohort of pre-symptomatic Alzheimer's disease. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102733	5.3	7

248	Plasma p-tau <sub>231</sub> : a new biomarker for incipient Alzheimer's disease pathology. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 709-724	14.3	83
247	Metabotropic glutamate type 5 receptor binding availability during dextroamphetamine sensitization in mice and humans. <i>Journal of Psychiatry and Neuroscience</i> , <b>2021</b> , 46, E1-E13	4.5	3
246	Associations of AT(N) biomarkers with neuropsychiatric symptoms in preclinical Alzheimer's disease and cognitively unimpaired individuals. <i>Translational Neurodegeneration</i> , <b>2021</b> , 10, 11	10.3	3
245	Preclinical longitudinal assessment of KG207-M as a disease-modifying Alzheimer's disease therapeutic. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 271678X211035625	7.3	1
244	Microglial activation and tau propagate jointly across Braak stages. <i>Nature Medicine</i> , <b>2021</b> , 27, 1592-1599	30.5	44
243	FEOBV-PET to quantify cortical cholinergic denervation in AD: Relationship to basal forebrain volumetry. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 1077-1081	2.8	0
242	Apolipoprotein B is a novel marker for early tau pathology in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	2
241	Molecular Imaging of the Cholinergic System in Alzheimer and Lewy Body Dementias: Expanding Views. <i>Current Neurology and Neuroscience Reports</i> , <b>2021</b> , 21, 52	6.6	2
240	Author Response: Frequency of Biologically Defined Alzheimer Disease in Relation to Age, Sex, APOE $\epsilon$ , and Cognitive Impairment.. <i>Neurology</i> , <b>2021</b> , 97, 609	6.5	0
239	Preliminary Evaluations of [C]Verubulin: Implications for Microtubule Imaging With PET. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 725873	5.1	0
238	Normal cognition in Parkinson's disease may involve hippocampal cholinergic compensation: An exploratory PET imaging study with [F]-FEOBV. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 91, 162-166	3.6	3
237	Longitudinal 18F-MK-6240 tau tangles accumulation follows Braak stages. <i>Brain</i> , <b>2021</b> ,	11.2	6
236	The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 1145-1156	1.2	48
235	Neuroinflammation imposes vulnerability to tau propagation. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e039814	11.4	14
234	Cholinergic Modulation of Binocular Vision. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 5208-5213	6.6	4
233	APOE $\epsilon$ potentiates the relationship between amyloid- $\beta$ and tau pathologies. <i>Molecular Psychiatry</i> , <b>2020</b> ,	15.1	23
232	Topographical distribution of A $\beta$ predicts progression to dementia in A $\beta$ -positive mild cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12037	5.2	4
231	Amyloid-beta modulates the association between neurofilament light chain and brain atrophy in Alzheimer's disease. <i>Molecular Psychiatry</i> , <b>2020</b> ,	15.1	8

230	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2020</b> , 40, 1576-1585	7.3	26
229	Intermediate flortaucipir uptake is associated with AβPET and CSF tau in asymptomatic adults. <i>Neurology</i> , <b>2020</b> , 94, e1190-e1200	6.5	18
228	Morphometric network differences in ageing versus Alzheimer's disease dementia. <i>Brain</i> , <b>2020</b> , 143, 635-649	11.2	14
227	Mild behavioral impairment is associated with βAmyloid but not tau or neurodegeneration in cognitively intact elderly individuals. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 192-199	1.2	60
226	Association of Vascular Risk Factors With βAmyloid Peptide and Tau Burdens in Cognitively Unimpaired Individuals and Its Interaction With Vascular Medication Use. <i>JAMA Network Open</i> , <b>2020</b> , 3, e1920780	10.4	17
225	CCCDT5: Clinical role of neuroimaging and liquid biomarkers in patients with cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12098	6	0
224	Frontotemporal dementia and COVID-19: Hypothesis generation and roadmap for future research. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12085	6	1
223	Frontal Variant of Alzheimer Disease Differentiated From Frontotemporal Dementia Using in Vivo Amyloid and Tau Imaging. <i>Cognitive and Behavioral Neurology</i> , <b>2020</b> , 33, 288-293	1.6	3
222	Efficient radiosynthesis and preclinical evaluation of [F]FOMPyD as a positron emission tomography tracer candidate for TrkB/C receptor imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2020</b> , 63, 144-150	1.9	1
221	Association of Apolipoprotein E ε With Medial Temporal Tau Independent of Amyloid-β. <i>JAMA Neurology</i> , <b>2020</b> , 77, 470-479	17.2	71
220	18F-MK-6240 PET for early and late detection of neurofibrillary tangles. <i>Brain</i> , <b>2020</b> , 143, 2818-2830	11.2	65
219	Stage-specific links between plasma neurofilament light and imaging biomarkers of Alzheimer's disease. <i>Brain</i> , <b>2020</b> , 143, 3793-3804	11.2	20
218	Recommendations of the 5th Canadian Consensus Conference on the diagnosis and treatment of dementia. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1182-1195	1.2	48
217	CCCDT5: research diagnostic criteria for Alzheimer's Disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2020</b> , 6, e12036	6	1
216	Lessons Learnt from the Second Generation of Anti-Amyloid Monoclonal Antibodies Clinical Trials. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2020</b> , 49, 334-348	2.6	12
215	Suicidal ideation is common in autosomal dominant Alzheimer's disease at-risk persons. <i>International Journal of Geriatric Psychiatry</i> , <b>2020</b> , 35, 60-68	3.9	1
214	Blood phosphorylated tau 181 as a biomarker for Alzheimer's disease: a diagnostic performance and prediction modelling study using data from four prospective cohorts. <i>Lancet Neurology</i> , <b>2020</b> , 19, 422-433	24.1	286
213	Dynamic H-MRS for detection of C-labeled glucose metabolism in the human brain at 3T. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 84, 1140-1151	4.4	2

212	Inferior Longitudinal Fasciculus' Role in Visual Processing and Language Comprehension: A Combined MEG-DTI Study. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 875	5.1	14
211	Non-invasive in vivo hyperspectral imaging of the retina for potential biomarker use in Alzheimer's disease. <i>Nature Communications</i> , <b>2019</b> , 10, 4227	17.4	77
210	Rostral-Caudal Hippocampal Functional Convergence Is Reduced Across the Alzheimer's Disease Spectrum. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 8336-8344	6.2	2
209	No apparent effect of naproxen on CSF markers of innate immune activation. <i>Annals of Clinical and Translational Neurology</i> , <b>2019</b> , 6, 1127-1133	5.3	2
208	Association of TLR4 with Alzheimer's disease risk and presymptomatic biomarkers of inflammation. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 951-960	1.2	14
207	Aβ-induced vulnerability propagates via the brain's default mode network. <i>Nature Communications</i> , <b>2019</b> , 10, 2353	17.4	39
206	Aβ4 is a BACE1-derived degradation intermediate associated with amyloid clearance and Alzheimer's disease progression. <i>Nature Communications</i> , <b>2019</b> , 10, 2240	17.4	20
205	First-in-Human Brain Imaging of [F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 2697-2702	5.7	9
204	PET imaging of freely moving interacting rats. <i>NeuroImage</i> , <b>2019</b> , 191, 560-567	7.9	13
203	Cholinergic Potentiation Alters Perceptual Eye Dominance Plasticity Induced by a Few Hours of Monocular Patching in Adults. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 22	5.1	15
202	Diagnostic Approach of Early-Onset Dementia with Negative Family History: Implications from Two Cases of Early-Onset Alzheimer's Disease with De Novo PSEN1 Mutation. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 68, 551-558	4.3	11
201	Longitudinal cerebrospinal fluid biomarker trajectories along the Alzheimer's disease continuum in the BIOMARKAPD study. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 742-753	1.2	50
200	INTREPAD: A randomized trial of naproxen to slow progress of presymptomatic Alzheimer disease. <i>Neurology</i> , <b>2019</b> , 92, e2070-e2080	6.5	47
199	Machine Learning in Nuclear Medicine: Part 1-Introduction. <i>Journal of Nuclear Medicine</i> , <b>2019</b> , 60, 451-458	8.9	22
198	PET Imaging of Perceptual Learning-Induced Changes in the Aged Rodent Cholinergic System. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1438	5.1	1
197	Reliability and Validity of the Chinese Version of the Mild Behavioral Impairment Checklist for Screening for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 70, 747-756	4.3	13
196	Consequences of Metabolic Disruption in Alzheimer's Disease Pathology. <i>Neurotherapeutics</i> , <b>2019</b> , 16, 600-610	6.4	24
195	Rasagiline, a monoamine oxidase B inhibitor, reduces in vivo [F]THK5351 uptake in progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102091	5.3	12

194	Brain Metabolic Dysfunction in Early Neuropsychiatric Symptoms of Dementia. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1398	5.6	10
193	Vascular retinal biomarkers improves the detection of the likely cerebral amyloid status from hyperspectral retinal images. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2019</b> , 5, 610-617	6	22
192	In vivo metabotropic glutamate receptor type 5 abnormalities localize the epileptogenic zone in mesial temporal lobe epilepsy. <i>Annals of Neurology</i> , <b>2019</b> , 85, 218-228	9.4	11
191	Astrocyte Biomarkers in Alzheimer's Disease. <i>Trends in Molecular Medicine</i> , <b>2019</b> , 25, 77-95	11.5	108
190	Regional Amyloid-Load and White Matter Abnormalities Contribute to Hypometabolism in Alzheimer's Dementia. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4916-4924	6.2	14
189	A simplified radiosynthesis of [F]MK-6240 for tau PET imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2019</b> , 62, 109-114	1.9	7
188	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. <i>Pharmaceuticals</i> , <b>2019</b> , 12,	5.2	6
187	Constrained instruments and their application to Mendelian randomization with pleiotropy. <i>Genetic Epidemiology</i> , <b>2019</b> , 43, 373-401	2.6	11
186	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 169-177	5.6	24
185	Phantom bedside intruder in Parkinson's disease. <i>Neurology and Clinical Neuroscience</i> , <b>2019</b> , 7, 91-93	0.3	0
184	Targeting Alzheimer's Disease at the Right Time and the Right Place: Validation of a Personalized Approach to Diagnosis and Treatment. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, S23-S31	4.3	8
183	variant mitigates Alzheimer disease pathophysiology in vivo and postmortem. <i>Neurology: Genetics</i> , <b>2018</b> , 4, e216	3.8	5
182	Proximity to Parental Symptom Onset and Amyloid-Burden in Sporadic Alzheimer Disease. <i>JAMA Neurology</i> , <b>2018</b> , 75, 608-619	17.2	16
181	Bi-directional Association of Cerebrospinal Fluid Immune Markers with Stage of Alzheimer's Disease Pathogenesis. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 63, 577-590	4.3	21
180	Amyloid and tau signatures of brain metabolic decline in preclinical Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1021-1030	8.8	20
179	Anosognosia predicts default mode network hypometabolism and clinical progression to dementia. <i>Neurology</i> , <b>2018</b> , 90, e932-e939	6.5	41
178	Subjective Cognitive Decline Is Associated With Altered Default Mode Network Connectivity in Individuals With a Family History of Alzheimer's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2018</b> , 3, 463-472	3.4	30
177	Identification of [F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 1737-1743	8.3	25

176	Fluid and imaging biomarkers for Alzheimer's disease: Where we stand and where to head to. <i>Experimental Gerontology</i> , <b>2018</b> , 107, 169-177	4.5	22
175	Principal component of explained variance: An efficient and optimal data dimension reduction framework for association studies. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 1331-1350	2.3	7
174	Characterizing biomarker features of cognitively normal individuals with ventriculomegaly. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2018</b> , 10, 12-21	5.2	4
173	Optimal use of cholinergic drugs in Alzheimer's disease. <i>Brain</i> , <b>2018</b> , 141, e68	11.2	1
172	Reduced resting-state functional connectivity of the basolateral amygdala to the medial prefrontal cortex in preweaning rats exposed to chronic early-life stress. <i>Brain Structure and Function</i> , <b>2018</b> , 223, 3711-3729	4	28
171	In vivo quantification of neurofibrillary tangles with [F]MK-6240. <i>Alzheimer's Research and Therapy</i> , <b>2018</b> , 10, 74	9	69
170	Impact of the biological definition of Alzheimer's disease using amyloid, tau and neurodegeneration (ATN): what about the role of vascular changes, inflammation, Lewy body pathology?. <i>Translational Neurodegeneration</i> , <b>2018</b> , 7, 12	10.3	14
169	Cerebrospinal fluid synaptosomal-associated protein 25 is a key player in synaptic degeneration in mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , <b>2018</b> , 10, 80	9	30
168	Clinical Meaningfulness of Biomarker Endpoints in Alzheimer's Disease Research. <i>NeuroMethods</i> , <b>2018</b> , 235-248	0.4	
167	Regionally specific changes in the hippocampal circuitry accompany progression of cerebrospinal fluid biomarkers in preclinical Alzheimer's disease. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 971-984	5.9	24
166	The influence of language and culture on cognitive assessment tools in the diagnosis of early cognitive impairment and dementia. <i>Expert Review of Neurotherapeutics</i> , <b>2018</b> , 18, 859-869	4.3	13
165	Cerebrospinal fluid phosphorylated tau, visinin-like protein-1, and chitinase-3-like protein 1 in mild cognitive impairment and Alzheimer's disease. <i>Translational Neurodegeneration</i> , <b>2018</b> , 7, 23	10.3	28
164	PET/CT of Dementia. <i>American Journal of Roentgenology</i> , <b>2018</b> , 211, 246-259	5.4	11
163	Test-retest variability of [C]ABP688 estimates of metabotropic glutamate receptor subtype 5 availability in humans. <i>Synapse</i> , <b>2018</b> , 72, e22041	2.4	13
162	Amyloid- $\beta$ and hyperphosphorylated tau synergy drives metabolic decline in preclinical Alzheimer's disease. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 306-311	15.1	86
161	[F]FDG PET signal is driven by astroglial glutamate transport. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 393-395	25.5	144
160	Validation of a Regression Technique for Segmentation of White Matter Hyperintensities in Alzheimer's Disease. <i>IEEE Transactions on Medical Imaging</i> , <b>2017</b> , 36, 1758-1768	11.7	43
159	Neuropsychiatric symptoms predict hypometabolism in preclinical Alzheimer disease. <i>Neurology</i> , <b>2017</b> , 88, 1814-1821	6.5	49



158	Consensus guidelines for lumbar puncture in patients with neurological diseases. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2017</b> , 8, 111-126	5.2	128
157	The prevalence and biomarkers' characteristic of rapidly progressive Alzheimer's disease from the Alzheimer's Disease Neuroimaging Initiative database. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2017</b> , 3, 107-113	6	12
156	Synergistic interaction between amyloid and tau predicts the progression to dementia. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 644-653	1.2	57
155	Author response: Neuropsychiatric symptoms predict hypometabolism in preclinical Alzheimer disease. <i>Neurology</i> , <b>2017</b> , 89, 1931	6.5	
154	Deficit in Central Auditory Processing as a Biomarker of Pre-Clinical Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 60, 1589-1600	4.3	28
153	Quantification of brain cholinergic denervation in Alzheimer's disease using PET imaging with [F]-FE0BV. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 1531-1538	15.1	62
152	Identifying incipient dementia individuals using machine learning and amyloid imaging. <i>Neurobiology of Aging</i> , <b>2017</b> , 59, 80-90	5.6	61
151	Multimodal Imaging in Rat Model Recapitulates Alzheimer's Disease Biomarkers Abnormalities. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 12263-12271	6.6	28
150	A Kinome-Wide Selective Radiolabeled TrkB/C Inhibitor for in Vitro and in Vivo Neuroimaging: Synthesis, Preclinical Evaluation, and First-in-Human. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 6897-6910	8.3	14
149	Monoamine oxidase B inhibitor, selegiline, reduces F-THK5351 uptake in the human brain. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 25	9	213
148	Odor identification as a biomarker of preclinical AD in older adults at risk. <i>Neurology</i> , <b>2017</b> , 89, 327-335	6.5	74
147	[P4506]: COMPARISON BETWEEN MONOAMINE OXIDASE B INHIBITION ON THE UPTAKE OF [18F]THK5351 <b>2017</b> , 13, P1533-P1534		
146	[P4566]: ASSESSING THE IMPACT OF INFLAMMATION ON LIMBIC CIRCUITRY AND ITS ROLE IN DEPRESSION IN OLDER ADULTS <b>2017</b> , 13, P1569		
145	[O21402]: PRECLINICAL ASSESSMENT OF KAL-ABP TARGET ENGAGEMENT AND EFFICACY USING PET, MRI AND CSF BIOMARKERS <b>2017</b> , 13, P591-P592		
144	Cholinergic Potentiation Improves Perceptual-Cognitive Training of Healthy Young Adults in Three Dimensional Multiple Object Tracking. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 128	3.3	14
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124	P1-251: Synergism between Brain Amyloid Accumulation and Neuronal Injury in Cortical-Subcortical Circuits Causes Memory Declines in Animal Models <b>2016</b> , 12, P504-P505		
123	P1-282: Voxel-Wise Logistic Regression Improves Prediction Accuracy for Developing Alzheimer's Disease <b>2016</b> , 12, P527-P527		

122	IC-P-086: Amyloid- $\beta$ and Hyperphosphorylated TAU Synergy Drives Clinical Progression to Alzheimer's Disease <b>2016</b> , 12, P66-P67		
121	IC-P-099: Synergism Between Brain Amyloid Accumulation and Neuronal Injury in Cortical-Subcortical Circuits Causes Memory Declines in Animal Models <b>2016</b> , 12, P75-P76		
120	P2-093: Polymorphism in Cytochrome P450 Gene is Associated with Alzheimer's Pathology <b>2016</b> , 12, P646-P646		
119	IC-P-101: Synergism Between Baseline Amyloidosis and Neuronal Injury as Determinants of Learning Deficits in AD Transgenic Rat Model <b>2016</b> , 12, P77-P77		
118	IC-P-157: Novel Toolbox for Performing Voxel-Wise Generalized Linear Regression With Multiple Volumetric Covariates in Longitudinal Data <b>2016</b> , 12, P116-P117		
117	P3-221: Synergism Between Baseline Amyloidosis and Neuronal Injury as Determinants of Learning Deficits in Alzheimer's Disease Transgenic Rat Model <b>2016</b> , 12, P910-P910		
116	IC-P-159: Voxel-Wise Logistic Regression Improves Prediction Accuracy for Developing AD <b>2016</b> , 12, P117-P118		
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