

# Paul T Kotzbauer

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,282  
citations

394421

19  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurturin, a relative of glial-cell-line-derived neurotrophic factor. <i>Nature</i> , 1996, 384, 467-470.	27.8	688
2	Pathologic Accumulation of $\alpha$ -Synuclein and $A\beta^{42}$ in Parkinson Disease Patients With Dementia. <i>Archives of Neurology</i> , 2012, 69, 1326.	4.5	173
3	Expression of neurturin, GDNF, and their receptors in the adult mouse CNS. , 1998, 398, 139-150.		153
4	Dopaminergic, serotonergic, and noradrenergic deficits in Parkinson disease. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 949-959.	3.7	144
5	Parkinson's disease and multiple system atrophy have distinct $\alpha$ -synuclein seed characteristics. <i>Journal of Biological Chemistry</i> , 2019, 294, 1045-1058.	3.4	141
6	<i>APOE</i> genotype regulates pathology and disease progression in synucleinopathy. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	102
7	Binding of the Radioligand SIL23 to $\alpha$ -Synuclein Fibrils in Parkinson Disease Brain Tissue Establishes Feasibility and Screening Approaches for Developing a Parkinson Disease Imaging Agent. <i>PLoS ONE</i> , 2013, 8, e55031.	2.5	97
8	Design, Synthesis, and Characterization of 3-(Benzylidene)indolin-2-one Derivatives as Ligands for $\alpha$ -Synuclein Fibrils. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6002-6017.	6.4	92
9	Detection of TAR DNA-binding protein 43 (TDP-43) oligomers as initial intermediate species during aggregate formation. <i>Journal of Biological Chemistry</i> , 2019, 294, 6696-6709.	3.4	83
10	Cytosolic phospholipase A2 plays a crucial role in ROS/NO signaling during microglial activation through the lipoxygenase pathway. <i>Journal of Neuroinflammation</i> , 2015, 12, 199.	7.2	79
11	Sleep Deprivation Affects Tau Phosphorylation in Human Cerebrospinal Fluid. <i>Annals of Neurology</i> , 2020, 87, 700-709.	5.3	62
12	Correlation between decreased CSF $\alpha$ -synuclein and $A\beta^{42}$ in Parkinson disease. <i>Neurobiology of Aging</i> , 2015, 36, 476-484.	3.1	59
13	Radiosynthesis and in Vivo Evaluation of Two PET Radioligands for Imaging $\alpha$ -Synuclein. <i>Applied Sciences (Switzerland)</i> , 2014, 4, 66-78.	2.5	51
14	CSF proteins and resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2015, 84, 2413-2421.	1.1	51
15	Alpha Synuclein Fibrils Contain Multiple Binding Sites for Small Molecules. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2521-2527.	3.5	48
16	Current status of the development of PET radiotracers for imaging alpha synuclein aggregates in Lewy bodies and Lewy neurites. <i>Clinical and Translational Imaging</i> , 2017, 5, 3-14.	2.1	38
17	A quantitative study of $\alpha$ -synuclein pathology in fifteen cases of dementia associated with Parkinson disease. <i>Journal of Neural Transmission</i> , 2014, 121, 171-181.	2.8	37
18	Fluselenamyl: A Novel Benzoselenazole Derivative for PET Detection of Amyloid Plaques ( $A\beta^{42}$ ) in Alzheimer's Disease. <i>Scientific Reports</i> , 2016, 6, 35636.	3.3	36

#	ARTICLE	IF	CITATIONS
19	Chalcones and Five-Membered Heterocyclic Isosteres Bind to Alpha Synuclein Fibrils in Vitro. ACS Omega, 2018, 3, 4486-4493.	3.5	28
20	Proteinopathy and longitudinal changes in functional connectivity networks in Parkinson disease. Neurology, 2020, 94, e718-e728.	1.1	26
21	Quantifying regional $\alpha$ -synuclein, amyloid $\beta$ , and tau accumulation in lewy body dementia. Annals of Clinical and Translational Neurology, 2022, 9, 106-121.	3.7	21
22	A sensitive assay reveals structural requirements for $\alpha$ -synuclein fibril growth. Journal of Biological Chemistry, 2017, 292, 9034-9050.	3.4	18
23	VCP suppresses proteopathic seeding in neurons. Molecular Neurodegeneration, 2022, 17, 30.	10.8	15
24	Design, synthesis, and in vitro evaluation of quinolinylnyl analogues for $\alpha$ -synuclein aggregation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1011-1019.	2.2	13
25	Resonance assignments of an $\alpha$ -synuclein fibril prepared in Tris buffer at moderate ionic strength. Biomolecular NMR Assignments, 2018, 12, 195-199.	0.8	11
26	Functional genomic analyses uncover APOE-mediated regulation of brain and cerebrospinal fluid beta-amyloid levels in Parkinson disease. Acta Neuropathologica Communications, 2020, 8, 196.	5.2	8
27	Proteinopathy and Longitudinal Cognitive Decline in Parkinson Disease. Neurology, 2022, 99, .	1.1	8