

Dag Sehlin

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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.

48
papers

1,410
citations

23
h-index

37
g-index

52
ext. papers

1,870
ext. citations

6.5
avg, IF

4.75
L-index

#	Paper	IF	Citations
48	Sensitive ELISA detection of amyloid-beta protofibrils in biological samples. <i>Journal of Neurochemistry</i> , 2007 , 103, 334-45	6	122
47	Accumulation of amyloid- β by astrocytes result in enlarged endosomes and microvesicle-induced apoptosis of neurons. <i>Molecular Neurodegeneration</i> , 2016 , 11, 38	19	115
46	Antibody-based PET imaging of amyloid beta in mouse models of Alzheimer's disease. <i>Nature Communications</i> , 2016 , 7, 10759	17.4	105
45	Perspectives on future Alzheimer therapies: amyloid- β protofibrils - a new target for immunotherapy with BAN2401 in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2014 , 6, 16	9	96
44	Bivalent Brain Shuttle Increases Antibody Uptake by Monovalent Binding to the Transferrin Receptor. <i>Theranostics</i> , 2017 , 7, 308-318	12.1	79
43	An amyloid-beta protofibril-selective antibody prevents amyloid formation in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2009 , 36, 425-34	7.5	66
42	Large aggregates are the major soluble A β species in AD brain fractionated with density gradient ultracentrifugation. <i>PLoS ONE</i> , 2012 , 7, e32014	3.7	59
41	Delineating Amyloid Plaque Associated Neuronal Sphingolipids in Transgenic Alzheimer's Disease Mice (tgArcSwe) Using MALDI Imaging Mass Spectrometry. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 347-355	5.7	46
40	Interference from heterophilic antibodies in amyloid- β oligomer ELISAs. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 1295-301	4.3	46
39	Specific uptake of an amyloid- β protofibril-binding antibody-tracer in ABP transgenic mouse brain. <i>Journal of Alzheimer's Disease</i> , 2013 , 37, 29-40	4.3	43
38	Secretion and Uptake of β Synuclein Via Extracellular Vesicles in Cultured Cells. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 1539-1550	4.6	42
37	Sensitive detection of A β protofibrils by proximity ligation--relevance for Alzheimer's disease. <i>BMC Neuroscience</i> , 2010 , 11, 124	3.2	32
36	Astroglial Responses to Amyloid-Beta Progression in a Mouse Model of Alzheimer's Disease. <i>Molecular Imaging and Biology</i> , 2018 , 20, 605-614	3.8	31
35	Efficient and inexpensive transient expression of multispecific multivalent antibodies in Expi293 cells. <i>Biological Procedures Online</i> , 2017 , 19, 11	8.3	31
34	Pyroglutamation of amyloid- β 42 (A β 42) followed by A β 40 deposition underlies plaque polymorphism in progressing Alzheimer's disease pathology. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6719-6732	5.4	30
33	Increased Number of Plasma B Cells Producing Autoantibodies Against A β 2 Protofibrils in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 63-72	4.3	29
32	A bispecific Tribody PET radioligand for visualization of amyloid-beta protofibrils - a new concept for neuroimaging. <i>NeuroImage</i> , 2017 , 148, 55-63	7.9	28

31	Efficient clearance of A β protofibrils in ABP-transgenic mice treated with a brain-penetrating bifunctional antibody. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 49	9	28
30	Engineered antibodies: new possibilities for brain PET?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2848-2858	8.8	27
29	Increased inflammatory response in cytomegalovirus seropositive patients with Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e96779	3.7	25
28	High detection sensitivity with antibody-based PET radioligand for amyloid beta in brain. <i>NeuroImage</i> , 2019 , 184, 881-888	7.9	25
27	The A β protofibril selective antibody mAb158 prevents accumulation of A β in astrocytes and rescues neurons from A β induced cell death. <i>Journal of Neuroinflammation</i> , 2018 , 15, 98	10.1	24
26	Antibody-Based In Vivo PET Imaging Detects Amyloid- β Reduction in Alzheimer Transgenic Mice After BACE-1 Inhibition. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1885-1891	8.9	23
25	Pharmacokinetics, biodistribution and brain retention of a bispecific antibody-based PET radioligand for imaging of amyloid- β . <i>Scientific Reports</i> , 2017 , 7, 17254	4.9	23
24	Brain mGluR5 in mice with amyloid beta pathology studied with in vivo [11 C]ABP688 PET imaging and ex vivo immunoblotting. <i>Neuropharmacology</i> , 2017 , 113, 293-300	5.5	21
23	Blood-brain barrier integrity in a mouse model of Alzheimer's disease with or without acute 3D6 immunotherapy. <i>Neuropharmacology</i> , 2018 , 143, 1-9	5.5	21
22	Brain tissue A β 2 levels are linked to shunt response in idiopathic normal pressure hydrocephalus. <i>Journal of Neurosurgery</i> , 2018 , 130, 121-129	3.2	18
21	SPECT imaging of distribution and retention of a brain-penetrating bispecific amyloid- β antibody in a mouse model of Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2020 , 9, 37	10.3	18
20	Brain delivery of biologics using a cross-species reactive transferrin receptor 1 VNAR shuttle. <i>FASEB Journal</i> , 2020 , 34, 13272-13283	0.9	18
19	Cationization increases brain distribution of an amyloid-beta protofibril selective F(ab) fragment. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 120-125	3.4	17
18	Heavy-chain complementarity-determining regions determine conformation selectivity of anti-a β antibodies. <i>Neurodegenerative Diseases</i> , 2011 , 8, 117-23	2.3	17
17	Long-Term Effects of Traumatic Brain Injury in a Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 161-180	4.3	13
16	Heterogeneous drug tissue binding in brain regions of rats, Alzheimer's patients and controls: impact on translational drug development. <i>Scientific Reports</i> , 2019 , 9, 5308	4.9	11
15	Apolipoprotein E increases cell association of amyloid- β 40 through heparan sulfate and LRP1 dependent pathways. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2014 , 21, 76-87	2.7	10
14	Brain pharmacokinetics of two BBB penetrating bispecific antibodies of different size. <i>Fluids and Barriers of the CNS</i> , 2021 , 18, 26	7	9

13	Pinpointing Brain TREM2 Levels in Two Mouse Models of Alzheimer[s Disease. <i>Molecular Imaging and Biology</i> , 2021 , 23, 665-675	3.8	9
12	Chemical imaging of evolving amyloid plaque pathology and associated A β peptide aggregation in a transgenic mouse model of Alzheimer[s disease. <i>Journal of Neurochemistry</i> , 2020 , 152, 602-616	6	8
11	Extracellular vesicles from amyloid- β exposed cell cultures induce severe dysfunction in cortical neurons. <i>Scientific Reports</i> , 2020 , 10, 19656	4.9	8
10	Enhanced neprilysin-mediated degradation of hippocampal A β 2 with a somatostatin peptide that enters the brain. <i>Theranostics</i> , 2021 , 11, 789-804	12.1	8
9	In vivo imaging of synaptic density with [C]UCB-J PET in two mouse models of neurodegenerative disease. <i>NeuroImage</i> , 2021 , 239, 118302	7.9	8
8	Fluorine-18-Labeled Antibody Ligands for PET Imaging of Amyloid- β In Brain. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 4460-4468	5.7	7
7	The deletion causes early onset autosomal dominant Alzheimer[s disease by altering APP processing and increasing amyloid β fibril formation. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	7
6	C-PIB and I-antibody PET provide differing estimates of brain amyloid-beta after therapeutic intervention. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	4
5	Passive and receptor mediated brain delivery of an anti-GFAP nanobody.. <i>Nuclear Medicine and Biology</i> , 2022 ,	2.1	2
4	In vivo imaging of alpha-synuclein with antibody-based PET.. <i>Neuropharmacology</i> , 2022 , 208, 108985	5.5	1
3	Novel multivalent design of a monoclonal antibody improves binding strength to soluble aggregates of amyloid beta. <i>Translational Neurodegeneration</i> , 2021 , 10, 38	10.3	0
2	PET Imaging in Preclinical Anti-A β Drug Development.. <i>Pharmaceutical Research</i> , 2022 , 1	4.5	0
1	Transferrin Receptor Binding BBB-Shuttle Facilitates Brain Delivery of Anti-A β Affibodies.. <i>Pharmaceutical Research</i> , 2022 , 1	4.5	0