Christine A F Von Arnim

List of Publications by Year
in descending order

79	3,986	117453	123241
papers	citations	34 h-index	61 g-index

85	85	85	6723
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficacy of Souvenaid in Mild Alzheimer's Disease: Results from a Randomized, Controlled Trial. Journal of Alzheimer's Disease, 2012, 31, 225-236.	1.2	256
2	The Low Density Lipoprotein Receptor-related Protein (LRP) Is a Novel Î²-Secretase (BACE1) Substrate. Journal of Biological Chemistry, 2005, 280, 17777-17785.	1.6	228
3	Neurofilaments in the diagnosis of motoneuron diseases: a prospective study on 455 patients. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, jnnp-2015-311387.	0.9	207
4	Neurofilament light chain in serum for the diagnosis of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 157-164.	0.9	174
5	Glial Fibrillary Acidic Protein in Serum is Increased in Alzheimerâ€™s Disease and Correlates with Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 67, 481-488.	1.2	171
6	Interaction of the Cytosolic Domains of sorLA/LR11 with the Amyloid Precursor Protein (APP) and beta-Secretase beta-Site APP-Cleaving Enzyme. Journal of Neuroscience, 2006, 26, 418-428.	1.7	162
7	The role of TREM2 R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.4	152
8	NADH Autofluorescenceâ€"A Marker on its Way to Boost Bioenergetic Research. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 34-46.	1.1	137
9	Biochemical stages of amyloid-Î² peptide aggregation and accumulation in the human brain and their association with symptomatic and pathologically preclinical Alzheimerâ€™s disease. Brain, 2014, 137, 887-903.	3.7	136
10	Pittsburgh compound B imaging and cerebrospinal fluid amyloid-Î² in a multicentre European memory clinic study. Brain, 2016, 139, 2540-2553.	3.7	107
11	Demonstration of BACE (Î²-secretase) phosphorylation and its interaction with GGA1 in cells by fluorescence-lifetime imaging microscopy. Journal of Cell Science, 2004, 117, 5437-5445.	1.2	103
12	Synapse loss in the prefrontal cortex is associated with cognitive decline in amyotrophic lateral sclerosis. Acta Neuropathologica, 2018, 135, 213-226.	3.9	97
13	Alpha-, Beta-, and Gamma-synuclein Quantification in Cerebrospinal Fluid by Multiple Reaction Monitoring Reveals Increased Concentrations in Alzheimerâ€²s and Creutzfeldt-Jakob Disease but No Alteration in Synucleinopathies. Molecular and Cellular Proteomics, 2016, 15, 3126-3138.	2.5	92
14	Serum microRNAs in patients with genetic amyotrophic lateral sclerosis and pre-manifest mutation carriers. Brain, 2014, 137, 2938-2950.	3.7	91
15	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimerâ€™s disease. Acta Neuropathologica, 2020, 139, 463-484.	3.9	91
16	Chitotriosidase (CHIT1) is increased in microglia and macrophages in spinal cord of amyotrophic lateral sclerosis and cerebrospinal fluid levels correlate with disease severity and progression. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 239-247.	0.9	89
17	The Role of Clusterin, Complement Receptor 1, and Phosphatidylinositol Binding Clathrin Assembly Protein in Alzheimer Disease Risk and Cerebrospinal Fluid Biomarker Levels. Archives of General Psychiatry, 2011, 68, 207.	13.8	83
18	AÎ²-induced acceleration of Alzheimer-related Ï„-pathology spreading and its association with prion protein. Acta Neuropathologica, 2019, 138, 913-941.	3.9	75

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19	Capillary cerebral amyloid angiopathy in Alzheimerâ€™s disease: association with allocortical/hippocampal microinfarcts and cognitive decline. Acta Neuropathologica, 2018, 135, 681-694.	3.9	70
20	Alpha-synuclein prevents the formation of spherical mitochondria and apoptosis under oxidative stress. Scientific Reports, 2017, 7, 42942.	1.6	68
21	Novel Blood-Based Biomarkers of Cognition, Stress, and Physical or Cognitive Training in Older Adults at Risk of Dementia: Preliminary Evidence for a Role of BDNF, Irisin, and the Kynurenine Pathway. Journal of Alzheimer's Disease, 2017, 59, 1097-1111.	1.2	68
22	Summary of cerebrospinal fluid routine parameters in neurodegenerative diseases. Journal of Neurology, 2011, 258, 1034-1041.	1.8	67
23	Decreased IL-8 levels in CSF and serum of AD patients and negative correlation of MMSE and IL-1Î². BMC Neurology, 2016, 16, 185.	0.8	64
24	ElecsysÂ® Total-Tau and Phospho-Tau (181P) CSF assays: Analytical performance of the novel, fully automated immunoassays for quantification of tau proteins in human cerebrospinal fluid. Clinical Biochemistry, 2019, 72, 30-38.	0.8	60
25	Impact of cholesterol level upon APP and BACE proximity and APP cleavage. Biochemical and Biophysical Research Communications, 2008, 370, 207-212.	1.0	58
26	More than the sum of its parts? Nutrition in Alzheimer's disease. Nutrition, 2010, 26, 694-700.	1.1	58
27	Distinct molecular patterns of TDP-43 pathology in Alzheimerâ€™s disease: relationship with clinical phenotypes. Acta Neuropathologica Communications, 2020, 8, 61.	2.4	58
28	Low Density Lipoprotein Receptor-related Protein (LRP) Interacts with Presenilin 1 and Is a Competitive Substrate of the Amyloid Precursor Protein (APP) for Î³-Secretase. Journal of Biological Chemistry, 2005, 280, 27303-27309.	1.6	57
29	GGA1 Acts as a Spatial Switch Altering Amyloid Precursor Protein Trafficking and Processing. Journal of Neuroscience, 2006, 26, 9913-9922.	1.7	56
30	Dietary Antioxidants and Dementia in a Population-Based Case-Control Study among Older People in South Germany. Journal of Alzheimer's Disease, 2012, 31, 717-724.	1.2	52
31	Tolerability and Safety of Souvenaid in Patients with Mild Alzheimer's Disease: Results of Multi-Center, 24-Week, Open-Label Extension Study. Journal of Alzheimer's Disease, 2015, 44, 471-480.	1.2	44
32	Cognitive change is more positively associated with an active lifestyle than with training interventions in older adults at risk of dementia: a controlled interventional clinical trial. BMC Psychiatry, 2016, 16, 315.	1.1	43
33	Targeted Mass Spectrometry Suggests Beta-Synuclein as Synaptic Blood Marker in Alzheimerâ€™s Disease. Journal of Proteome Research, 2020, 19, 1310-1318.	1.8	43
34	Intact Protein Analysis of Ubiquitin in Cerebrospinal Fluid by Multiple Reaction Monitoring Reveals Differences in Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration. Journal of Proteome Research, 2014, 13, 4518-4525.	1.8	41
35	Association of Methionine to Homocysteine Status With Brain Magnetic Resonance Imaging Measures and Risk of Dementia. JAMA Psychiatry, 2019, 76, 1198.	6.0	36
36	Maturation of neuronal AD-tau pathology involves site-specific phosphorylation of cytoplasmic and synaptic tau preceding conformational change and fibril formation. Acta Neuropathologica, 2021, 141, 173-192.	3.9	35

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37	Mitochondrial matrix pH as a decisive factor in neurometabolic imaging. Neurophotonics, 2017, 4, 1.	1.7	31
38	Reduced cGMP levels in CSF of AD patients correlate with severity of dementia and current depression. Alzheimer's Research and Therapy, 2017, 9, 17.	3.0	30
39	Modulation of Î²-amyloid by a single dose of GSK933776 in patients with mild Alzheimerâ€™s disease: a phase I study. Alzheimer's Research and Therapy, 2014, 6, 19.	3.0	29
40	Different aspects of Alzheimerâ€™s disease-related amyloid Î²-peptide pathology and their relationship to amyloid positron emission tomography imaging and dementia. Acta Neuropathologica Communications, 2019, 7, 178.	2.4	29
41	The role of low-density receptor-related protein 1 (LRP1) as a competitive substrate of the amyloid precursor protein (APP) for BACE1. Experimental Neurology, 2010, 225, 85-93.	2.0	28
42	Metabolic Characterization of Intact Cells Reveals Intracellular Amyloid Beta but Not Its Precursor Protein to Reduce Mitochondrial Respiration. PLoS ONE, 2016, 11, e0168157.	1.1	26
43	Micronutrients supplementation and nutritional status in cognitively impaired elderly persons: a two-month open label pilot study. Nutrition Journal, 2013, 12, 148.	1.5	22
44	Serum Vitamin D Concentrations and Cognitive Function in a Population-Based Study among Older Adults in South Germany. Journal of Alzheimer's Disease, 2015, 45, 1119-1126.	1.2	22
45	Auditory Memory Decay as Reflected by a New Mismatch Negativity Score Is Associated with Episodic Memory in Older Adults at Risk of Dementia. Frontiers in Aging Neuroscience, 2018, 10, 5.	1.7	21
46	Serum GFAP differentiates Alzheimerâ€™s disease from frontotemporal dementia and predicts MCI-to-dementia conversion. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 659-667.	0.9	21
47	Efficient Processing of Alzheimer's Disease Amyloid-Beta Peptides by Neuroectodermally Converted Mesenchymal Stem Cells. Stem Cells and Development, 2010, 19, 629-633.	1.1	20
48	Global EEG coherence as a marker for cognition in older adults at risk for dementia. Psychophysiology, 2020, 57, e13515.	1.2	20
49	Adipose Tissue Distribution in Patients withÂAlzheimerâ€™s Disease: A Whole Body MRI Case-Control Study. Journal of Alzheimer's Disease, 2015, 48, 825-832.	1.2	18
50	Jigsaw Puzzling Taps Multiple Cognitive Abilities and Is a Potential Protective Factor for Cognitive Aging. Frontiers in Aging Neuroscience, 2018, 10, 299.	1.7	18
51	Bupropion for the Treatment of Apathy in Alzheimer Disease. JAMA Network Open, 2020, 3, e206027.	2.8	18
52	The Golgi-Localized Î³-Ear-Containing ARF-Binding (GGA) Proteins Alter Amyloid-Î² Precursor Protein (APP) Processing through Interaction of Their GAE Domain with the Beta-Site APP Cleaving Enzyme 1 (BACE1). PLoS ONE, 2015, 10, e0129047.	1.1	17
53	CSF and blood Kallikrein-8: a promising early biomarker for Alzheimerâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 40-48.	0.9	16
54	Sequence of proteome profiles in preclinical and symptomatic Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 946-958.	0.4	16

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55	Targeting the association between telomere length and immuno-cellular bioenergetics in female patients with Major Depressive Disorder. Scientific Reports, 2018, 8, 9419.	1.6	15
56	Visualizing interaction of proteins relevant to Alzheimerâ€™s disease in intact cells. Methods, 2008, 44, 299-303.	1.9	14
57	Engulfment adapter PTB domain containing 1 interacts with and affects processing of the amyloid-Î² precursor protein. Neurobiology of Aging, 2012, 33, 732-743.	1.5	14
58	Diagnosis and treatment of cognitive impairment. Zeitschrift Fur Gerontologie Und Geriatrie, 2019, 52, 309-315.	0.8	14
59	Fluorescence lifetime imaging microscopy (FLIM) detects stimulus-dependent phosphorylation of the low density lipoprotein receptor-related protein (LRP) in primary neurons. Biochemical and Biophysical Research Communications, 2006, 349, 24-30.	1.0	13
60	The role of PTB domain containing adaptor proteins on PICALM-mediated APP endocytosis and localization. Biochemical Journal, 2019, 476, 2093-2109.	1.7	12
61	sAPPÎ² and sAPPÎ± increase structural complexity and E/I input ratio in primary hippocampal neurons and alter Ca2+ homeostasis and CREB1-signaling. Experimental Neurology, 2018, 304, 1-13.	2.0	9
62	Development of a Binary fMRI-BCI for Alzheimer Patients: A Semantic Conditioning Paradigm Using Affective Unconditioned Stimuli. , 2013, , .		8
63	Jigsaw Puzzles As Cognitive Enrichment (PACE) - the effect of solving jigsaw puzzles on global visuospatial cognition in adults 50 years of age and older: study protocol for a randomized controlled trial. Trials, 2017, 18, 415.	0.7	8
64	The Golgi-localized, gamma ear-containing, ARF-binding (GGA) protein family alters alpha synuclein (Î±-syn) oligomerization and secretion. Aging, 2017, 9, 1677-1697.	1.4	7
65	Quantitative analysis of regional distribution of tau pathology with 11C-PBB3-PET in a clinical setting. PLoS ONE, 2022, 17, e0266906.	1.1	7
66	Genetic variants in PSEN2 and correlation to CSF Î²-amyloid42 levels in AD. Neurobiology of Aging, 2012, 33, 201.e9-201.e18.	1.5	6
67	Engulfment adaptor phosphotyrosine-binding-domain-containing 1 (GULP1) is a nucleocytoplasmic shuttling protein and is transactivationally active together with low-density lipoprotein receptor-related protein 1 (LRP1). Biochemical Journal, 2013, 450, 333-343.	1.7	6
68	NADH Fluorescence Lifetime Imaging Microscopy Reveals Selective Mitochondrial Dysfunction in Neurons Overexpressing Alzheimerâ€™s Diseaseâ€“Related Proteins. Frontiers in Molecular Biosciences, 2021, 8, 671274.	1.6	6
69	Cognitive Reserve in Alzheimerâ€™s Dementia: Diagnostic Accuracy of a Testing-the-Limits Paradigm. Journal of Alzheimer's Disease, 2016, 52, 519-528.	1.2	2
70	Comprehensive micro<scp>RNA</scp> expression profiling in cerebrospinal fluid distinguishes between neurological disease classes. Neuropathology and Applied Neurobiology, 2019, 45, 318-323.	1.8	1
71	Alzheimerâ€™s diseaseâ€related necroptotic pathology: An exclusive presence of the necrosome in granulovacuolar degeneration inclusions in human and transgenic mouse brains. Alzheimer's and Dementia, 2020, 16, e042460.	0.4	1
72	Markers of vitamin B12 status in relation to cerebrospinal fluid biomarkers and cognitive performance. Proceedings of the Nutrition Society, 2020, 79, .	0.4	1

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73	Comparison of MRI-based and PET-based image pre-processing for quantification of 11C-PBB3 uptake in human brain. Zeitschrift Fur Medizinische Physik, 2021, 31, 37-47.	0.6	1
74	[P2â€“543]: VITAMIN B12, FOLATE, AND SULFUR AMINOâ€ACIDS AS RISK FACTORS FOR DEMENTIA AND COGNITIVE DECLINE: A LONGITUDINAL POPULATIONâ€BASED STUDY. Alzheimer's and Dementia, 2017, 13, P851.	0.4	0
75	Quantitative mass spectrometry suggests betaâ€synuclein as promising blood marker for synaptic degeneration in Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e040246.	0.4	0
76	The potential role of neuroinflammation and synaptic plasticity for neuropsychiatric symptoms. Alzheimer's and Dementia, 2020, 16, e043310.	0.4	0
77	Hierarchical involvement of molecular players in human neocortex in the course of preclinical and symptomatic Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047351.	0.4	0
78	No Evidence That Cognitive and Physical Activities Are Related to Changes in EEG Markers of Cognition in Older Adults at Risk of Dementia. Frontiers in Aging Neuroscience, 2021, 13, 610839.	1.7	0
79	Two distinct molecular patterns of TDPâ€43 pathology in cases with Alzheimerâ€™s disease pathology. Alzheimer's and Dementia, 2020, 16, e043074.	0.4	0