

Andre Fischer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1699083/publications.pdf>

Version: 2024-02-01

83
papers

8,978
citations

71102

41
h-index

58581

82
g-index

93
all docs

93
docs citations

93
times ranked

12858
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of learning and memory is associated with chromatin remodelling. <i>Nature</i> , 2007, 447, 178-182.	27.8	1,120
2	Altered Histone Acetylation Is Associated with Age-Dependent Memory Impairment in Mice. <i>Science</i> , 2010, 328, 753-756.	12.6	851
3	Innate immune memory in the brain shapes neurological disease hallmarks. <i>Nature</i> , 2018, 556, 332-338.	27.8	605
4	Targeting the correct HDAC(s) to treat cognitive disorders. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 605-617.	8.7	330
5	Sodium Butyrate Improves Memory Function in an Alzheimer's Disease Mouse Model When Administered at an Advanced Stage of Disease Progression. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 187-197.	2.6	313
6	DNA methylation changes in plasticity genes accompany the formation and maintenance of memory. <i>Nature Neuroscience</i> , 2016, 19, 102-110.	14.8	307
7	microRNA-34c is a novel target to treat dementias. <i>EMBO Journal</i> , 2011, 30, 4299-4308.	7.8	302
8	Reducing HDAC6 ameliorates cognitive deficits in a mouse model for Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2013, 5, 52-63.	6.9	270
9	Opposing Roles of Transient and Prolonged Expression of p25 in Synaptic Plasticity and Hippocampus-Dependent Memory. <i>Neuron</i> , 2005, 48, 825-838.	8.1	259
10	MicroRNA-125b induces tau hyperphosphorylation and cognitive deficits in Alzheimer's disease. <i>EMBO Journal</i> , 2014, 33, 1667-1680.	7.8	257
11	Precisely measured protein lifetimes in the mouse brain reveal differences across tissues and subcellular fractions. <i>Nature Communications</i> , 2018, 9, 4230.	12.8	219
12	Distinct Roles of Hippocampal De Novo Protein Synthesis and Actin Rearrangement in Extinction of Contextual Fear. <i>Journal of Neuroscience</i> , 2004, 24, 1962-1966.	3.6	213
13	MicroRNAs as biomarkers for CNS disease. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 39.	2.9	195
14	Changes in m6A RNA methylation contribute to heart failure progression by modulating translation. <i>European Journal of Heart Failure</i> , 2020, 22, 54-66.	7.1	193
15	HDAC1 Regulates Fear Extinction in Mice. <i>Journal of Neuroscience</i> , 2012, 32, 5062-5073.	3.6	172
16	HDAC inhibitor-dependent transcriptome and memory reinstatement in cognitive decline models. <i>Journal of Clinical Investigation</i> , 2015, 125, 3572-3584.	8.2	156
17	A hippocampal Cdk5 pathway regulates extinction of contextual fear. <i>Nature Neuroscience</i> , 2007, 10, 1012-1019.	14.8	135
18	Cyclin-Dependent Kinase 5 Is Required for Associative Learning. <i>Journal of Neuroscience</i> , 2002, 22, 3700-3707.	3.6	127

#	ARTICLE	IF	CITATIONS
19	Histone-Methyltransferase MLL2 (KMT2B) Is Required for Memory Formation in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 3452-3464.	3.6	121
20	Sodium butyrate rescues dopaminergic cells from alpha-synuclein-induced transcriptional deregulation and DNA damage. <i>Human Molecular Genetics</i> , 2017, 26, 2231-2246.	2.9	121
21	RNA-Dependent Intergenerational Inheritance of Enhanced Synaptic Plasticity after Environmental Enrichment. <i>Cell Reports</i> , 2018, 23, 546-554.	6.4	113
22	De-regulation of gene expression and alternative splicing affects distinct cellular pathways in the aging hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 373.	3.7	101
23	Endophilin-A Deficiency Induces the Foxo3a-Fbxo32 Network in the Brain and Causes Dysregulation of Autophagy and the Ubiquitin-Proteasome System. <i>Cell Reports</i> , 2016, 17, 1071-1086.	6.4	100
24	Childhood Trauma in Schizophrenia: Current Findings and Research Perspectives. <i>Frontiers in Neuroscience</i> , 2019, 13, 274.	2.8	99
25	Hippocampal Mek/Erk signaling mediates extinction of contextual freezing behavior. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 149-158.	1.9	98
26	Targeting histone-modifications in Alzheimer's disease. What is the evidence that this is a promising therapeutic avenue?. <i>Neuropharmacology</i> , 2014, 80, 95-102.	4.1	98
27	Loss of BAF (mSWI/SNF) Complexes Causes Global Transcriptional and Chromatin State Changes in Forebrain Development. <i>Cell Reports</i> , 2015, 13, 1842-1854.	6.4	98
28	Phosphorylation of Hippocampal Erk-1/2, Elk-1, and p90-Rsk-1 during Contextual Fear Conditioning: Interactions between Erk-1/2 and Elk-1. <i>Molecular and Cellular Neurosciences</i> , 2002, 21, 463-476.	2.2	95
29	Loss of HDAC5 Impairs Memory Function: Implications for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 35-44.	2.6	90
30	The epigenetic bottleneck of neurodegenerative and psychiatric diseases. <i>Biological Chemistry</i> , 2009, 390, 1145-53.	2.5	88
31	Epigenetic memory: the Lamarckian brain. <i>EMBO Journal</i> , 2014, 33, 945-967.	7.8	85
32	KMT2A and KMT2B Mediate Memory Function by Affecting Distinct Genomic Regions. <i>Cell Reports</i> , 2017, 20, 538-548.	6.4	77
33	Developmental GABA polarity switch and neuronal plasticity in Bioengineered Neuronal Organoids. <i>Nature Communications</i> , 2020, 11, 3791.	12.8	77
34	HDAC1 links early life stress to schizophrenia-like phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4686-E4694.	7.1	75
35	A combined miRNA-piRNA signature to detect Alzheimer's disease. <i>Translational Psychiatry</i> , 2019, 9, 250.	4.8	74
36	Environmental enrichment as a method to improve cognitive function. What can we learn from animal models?. <i>NeuroImage</i> , 2016, 131, 42-47.	4.2	68

#	ARTICLE	IF	CITATIONS
37	Satb2 determines miRNA expression and long-term memory in the adult central nervous system. <i>ELife</i> , 2016, 5, .	6.0	68
38	The diphenylpyrazole compound anle138b blocks A β channels and rescues disease phenotypes in a mouse model for amyloid pathology. <i>EMBO Molecular Medicine</i> , 2018, 10, 32-47.	6.9	63
39	K α -Lysine acetyltransferase 2a regulates a hippocampal gene expression network linked to memory formation. <i>EMBO Journal</i> , 2014, 33, 1912-1927.	7.8	62
40	Choroid plexus α -derived miR α -204 regulates the number of quiescent neural stem cells in the adult brain. <i>EMBO Journal</i> , 2019, 38, e100481.	7.8	52
41	Epigenetic Regulation by BAF Complexes Limits Neural Stem Cell Proliferation by Suppressing Wnt Signaling in Late Embryonic Development. <i>Stem Cell Reports</i> , 2018, 10, 1734-1750.	4.8	50
42	Translocator Protein Ligand Protects against Neurodegeneration in the MPTP Mouse Model of Parkinsonism. <i>Journal of Neuroscience</i> , 2019, 39, 3752-3769.	3.6	46
43	Formin 2 links neuropsychiatric phenotypes at young age to an increased risk for dementia. <i>EMBO Journal</i> , 2017, 36, 2815-2828.	7.8	45
44	Alpha-synuclein deregulates the expression of COL4A2 and impairs ER-Golgi function. <i>Neurobiology of Disease</i> , 2018, 119, 121-135.	4.4	44
45	The anaphase promoting complex is required for memory function in mice. <i>Learning and Memory</i> , 2010, 18, 49-57.	1.3	42
46	Defective Mitochondrial Cardiolipin Remodeling Dampens HIF-1 α Expression in Hypoxia. <i>Cell Reports</i> , 2018, 25, 561-570.e6.	6.4	42
47	Cdk5: A Novel Role in Learning and Memory. <i>NeuroSignals</i> , 2003, 12, 200-208.	0.9	40
48	Insulin growth factor binding protein 7 is a novel target to treat dementia. <i>Neurobiology of Disease</i> , 2014, 62, 135-143.	4.4	40
49	Accumulated common variants in the broader fragile X gene family modulate autistic phenotypes. <i>EMBO Molecular Medicine</i> , 2015, 7, 1565-1579.	6.9	37
50	The role of the fourth extracellular domain of the rat corticotropin-releasing factor receptor type 1 in ligand binding. <i>FEBS Journal</i> , 1999, 259, 55-62.	0.2	36
51	Inhibition of Histone Deacetylases Permits Lipopolysaccharide-Mediated Secretion of Bioactive IL-1 β via a Caspase-1 α -Independent Mechanism. <i>Journal of Immunology</i> , 2015, 195, 5421-5431.	0.8	36
52	Histone-acetylation: a link between Alzheimer's disease and post-traumatic stress disorder?. <i>Frontiers in Neuroscience</i> , 2014, 8, 160.	2.8	35
53	miR-182-5p and miR-183-5p Act as GDNF Mimics in Dopaminergic Midbrain Neurons. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 9-22.	5.1	34
54	Regulation of contextual fear conditioning by baseline and inducible septo-hippocampal cyclin-dependent kinase 5. <i>Neuropharmacology</i> , 2003, 44, 1089-1099.	4.1	33

#	ARTICLE	IF	CITATIONS
55	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia, part III: Molecular mechanisms. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 330-356.	2.6	33
56	Characterization of the MeCP2R168X Knockin Mouse Model for Rett Syndrome. <i>PLoS ONE</i> , 2014, 9, e115444.	2.5	32
57	Chromatin Remodeling BAF155 Subunit Regulates the Genesis of Basal Progenitors in Developing Cortex. <i>IScience</i> , 2018, 4, 109-126.	4.1	32
58	Altered Ca ²⁺ homeostasis induces Calpain-Cathepsin axis activation in sporadic Creutzfeldt-Jakob disease. <i>Acta Neuropathologica Communications</i> , 2017, 5, 35.	5.2	31
59	EndophilinAs regulate endosomal sorting of BDNF-TrkB to mediate survival signaling in hippocampal neurons. <i>Scientific Reports</i> , 2017, 7, 2149.	3.3	29
60	A microRNA signature that correlates with cognition and is a target against cognitive decline. <i>EMBO Molecular Medicine</i> , 2021, 13, e13659.	6.9	29
61	A 2A R ^h induced transcriptional deregulation in astrocytes: An in vitro study. <i>Glia</i> , 2019, 67, 2329-2342.	4.9	28
62	Regional and subtype-dependent miRNA signatures in sporadic Creutzfeldt-Jakob disease are accompanied by alterations in miRNA silencing machinery and biogenesis. <i>PLoS Pathogens</i> , 2018, 14, e1006802.	4.7	26
63	Multi-omic landscaping of human midbrains identifies disease-relevant molecular targets and pathways in advanced-stage Parkinson's disease. <i>Clinical and Translational Medicine</i> , 2022, 12, e692.	4.0	22
64	TIP60/KAT5 is required for neuronal viability in hippocampal CA1. <i>Scientific Reports</i> , 2019, 9, 16173.	3.3	16
65	H3 acetylation selectively promotes basal progenitor proliferation and neocortex expansion. <i>Science Advances</i> , 2021, 7, eabc6792.	10.3	16
66	Interferon-driven brain phenotype in a mouse model of RNaseT2 deficient leukoencephalopathy. <i>Nature Communications</i> , 2021, 12, 6530.	12.8	16
67	Epigenetic gene expression links heart failure to memory impairment. <i>EMBO Molecular Medicine</i> , 2021, 13, e11900.	6.9	15
68	MicroRNAs from extracellular vesicles as a signature for Parkinson's disease. <i>Clinical and Translational Medicine</i> , 2021, 11, e357.	4.0	14
69	Cdk5 in the Adult Non-Demented Brain. <i>CNS and Neurological Disorders</i> , 2003, 2, 375-381.	4.3	14
70	SATB2-LEMD2 interaction links nuclear shape plasticity to regulation of cognition-related genes. <i>EMBO Journal</i> , 2021, 40, e103701.	7.8	14
71	Genetic deletion of the Histone Deacetylase 6 exacerbates selected behavioral deficits in the R6/1 mouse model for Huntington's disease. <i>Brain and Behavior</i> , 2015, 5, e00361.	2.2	13
72	Cellular Prion Protein Mediates α -Synuclein Uptake, Localization, and Toxicity In Vitro and In Vivo. <i>Movement Disorders</i> , 2022, 37, 39-51.	3.9	13

#	ARTICLE	IF	CITATIONS
73	The Coding and Small Non-coding Hippocampal Synaptic RNAome. <i>Molecular Neurobiology</i> , 2021, 58, 2940-2953.	4.0	10
74	MicroRNAs as Candidate Biomarkers for Alzheimer's Disease. <i>Non-coding RNA</i> , 2021, 7, 8.	2.6	10
75	Intranuclear immunostaining-based FACS protocol from embryonic cortical tissue. <i>STAR Protocols</i> , 2021, 2, 100318.	1.2	10
76	Exercise as a model to identify microRNAs linked to human cognition: a role for microRNA-409 and microRNA-501. <i>Translational Psychiatry</i> , 2021, 11, 514.	4.8	10
77	Postnatal expression of the lysine methyltransferase SETD1B is essential for learning and the regulation of neuron-enriched genes. <i>EMBO Journal</i> , 2022, 41, e106459.	7.8	7
78	Molecular Profiling Reveals Involvement of ESCO2 in Intermediate Progenitor Cell Maintenance in the Developing Mouse Cortex. <i>Stem Cell Reports</i> , 2021, 16, 968-984.	4.8	5
79	The Role of Dynamic Histone Modifications in Learning Behavior. <i>Current Topics in Behavioral Neurosciences</i> , 2019, 42, 127-157.	1.7	4
80	Ageing-Associated Changes in Cognition, Expression and Epigenetic Regulation of Chondroitin 6-Sulfotransferase Chst3. <i>Cells</i> , 2022, 11, 2033.	4.1	4
81	Ultrasound-Induced Release of Nimodipine from Drug-Loaded Block Copolymer Micelles: In Vivo Analysis. <i>Translational Stroke Research</i> , 2022, , 1.	4.2	3
82	New friends for Ago2 in neuronal plasticity. <i>EMBO Journal</i> , 2015, 34, 2213-2214.	7.8	2
83	In Vivo Vasospasm Induction by Ultrasound Application in the Chicken Chorioallantoic Membrane Model. <i>Translational Stroke Research</i> , 2022, , 1.	4.2	0