

Markus Krohn

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,459
citations

361413

20
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	The trophoblast clock controls transport across placenta in mice. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	4
2	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. <i>Nature Neuroscience</i> , 2021, 24, 1522-1533.	14.8	164
3	Age dependency of cerebral P-glycoprotein function in wild-type and APPPS1 mice measured with PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 150-162.	4.3	20
4	Measurement of cerebral ABCC1 transport activity in wild-type and APP/PS1-21 mice with positron emission tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 954-965.	4.3	14
5	Imaging P-Glycoprotein Induction at the Blood-Brain Barrier of a β -Amyloidosis Mouse Model with ^{11}C -Metoclopramide PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1050-1057.	5.0	21
6	Brain Distribution of Dual ABCB1/ABCG2 Substrates Is Unaltered in a Beta-Amyloidosis Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8245.	4.1	4
7	Detection and Prediction of Mild Cognitive Impairment in Alzheimer's Disease Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1209-1221.	2.6	4
8	Early Cognitive Training Rescues Remote Spatial Memory but Reduces Cognitive Flexibility in Alzheimer's Disease Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1301-1317.	2.6	10
9	Using a qPCR device to screen for modulators of ABC transporter activity: A step-by-step protocol. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 104, 106882.	0.7	0
10	Generation and Characterization of an <i>Abcc1</i> Humanized Mouse Model (<i>hABCC1</i> ^{flx/flx}) with Knockout Capability. <i>Molecular Pharmacology</i> , 2019, 96, 138-147.	2.3	4
11	Influence of Multidrug Resistance-Associated Proteins on the Excretion of the ABCC1 Imaging Probe 6-Bromo-7-[^{11}C]Methylpurine in Mice. <i>Molecular Imaging and Biology</i> , 2019, 21, 306-316.	2.6	15
12	French maritime pine bark treatment decelerates plaque development and improves spatial memory in Alzheimer's disease mice. <i>Phytomedicine</i> , 2019, 57, 39-48.	5.3	20
13	Humanization of the blood-brain barrier transporter ABCB1 in mice disrupts genomic locus "lessons" from three unsuccessful approaches. <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 78-86.	2.8	2
14	ABCA7 Downregulation Modifies Cellular Cholesterol Homeostasis and Decreases Amyloid- β Peptide Efflux in an in vitro Model of the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1195-1211.	2.6	33
15	Improved method for cannula fixation for long-term intracerebral brain infusion. <i>Journal of Neuroscience Methods</i> , 2017, 290, 145-150.	2.5	9
16	Expression of endogenous mouse APP modulates β -amyloid deposition in hAPP-transgenic mice. <i>Acta Neuropathologica Communications</i> , 2017, 5, 49.	5.2	21
17	Revisiting rodent models: <i>Octodon degus</i> as Alzheimer's disease model?. <i>Acta Neuropathologica Communications</i> , 2016, 4, 91.	5.2	46
18	<i>Sideritis</i> spp. Extracts Enhance Memory and Learning in Alzheimer's β -Amyloidosis Mouse Models and Aged C57Bl/6 Mice. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 967-980.	2.6	44

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19	Chronic <i>Toxoplasma gondii</i> infection enhances β -amyloid phagocytosis and clearance by recruited monocytes. <i>Acta Neuropathologica Communications</i> , 2016, 4, 25.	5.2	78
20	Activation of Mitochondrial Complex II-Dependent Respiration Is Beneficial for β -Synucleinopathies. <i>Molecular Neurobiology</i> , 2016, 53, 4728-4744.	4.0	9
21	Accumulation of murine amyloid- β mimics early Alzheimer's disease. <i>Brain</i> , 2015, 138, 2370-2382.	7.6	40
22	Cerebral ABC Transporter-common Mechanisms May Modulate Neurodegenerative Diseases and Depression in Elderly Subjects. <i>Archives of Medical Research</i> , 2014, 45, 738-743.	3.3	27
23	Alzheimer's and ABC transporters – new opportunities for diagnostics and treatment. <i>Neurobiology of Disease</i> , 2014, 72, 54-60.	4.4	66
24	Vascular and extravascular distribution of the ATP-binding cassette transporters ABCB1 and ABCC1 in aged human brain and pituitary. <i>Mechanisms of Ageing and Development</i> , 2014, 141-142, 12-21.	4.6	37
25	Impaired mitochondrial energy production and ABC transporter function – A crucial interconnection in dementing proteopathies of the brain. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 506-515.	4.6	26
26	Genomic background-related activation of microglia and reduced β -amyloidosis in a mouse model of Alzheimer's disease. <i>European Journal of Microbiology and Immunology</i> , 2013, 3, 21-27.	2.8	14
27	Reduced Alzheimer's Disease Pathology by St. John's Wort Treatment is Independent of Hyperforin and Facilitated by ABCC1 and Microglia Activation in Mice. <i>Current Alzheimer Research</i> , 2013, 10, 1057-1069.	1.4	82
28	Mitochondrial DNA polymorphisms specifically modify cerebral β -amyloid proteostasis. <i>Acta Neuropathologica</i> , 2012, 124, 199-208.	7.7	52
29	ABC Transporters B1, C1 and G2 Differentially Regulate Neuroregeneration in Mice. <i>PLoS ONE</i> , 2012, 7, e35613.	2.5	46
30	Automated Detection of Amyloid- β -Related Cortical and Subcortical Signal Changes in a Transgenic Model of Alzheimer's Disease using High-Field MRI. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 221-237.	2.6	28
31	Determination of Spatial and Temporal Distribution of Microglia by 230nm-High-Resolution, High-Throughput Automated Analysis Reveals Different Amyloid Plaque Populations in an APP/PS1 Mouse Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2011, 8, 781-788.	1.4	30
32	Cerebral amyloid- β proteostasis is regulated by the membrane transport protein ABCC1 in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3924-3931.	8.2	155
33	Alzheimer's disease and blood-brain barrier function – Why have anti- β -amyloid therapies failed to prevent dementia progression?. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 1099-1108.	6.1	66
34	Clinico-Pathologic Function of Cerebral ABC Transporters – Implications for the Pathogenesis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2008, 5, 396-405.	1.4	49
35	MDR1 Glycoprotein (ABCB1) Mediates Transport of Alzheimer's Amyloid- β Peptides – Implications for the Mechanisms of β Clearance at the Blood-Brain Barrier. <i>Brain Pathology</i> , 2007, 17, 347-353.	4.1	216