Markus P Kummer

List of Publications by Year
in descending order

40	11,759	147566 31	288905 40
papers	citations	h-index	g-index

41	41	41	18124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SFRP1 modulates astrocyteâ€toâ€microglia crosstalk in acute and chronic neuroinflammation. EMBO Reports, 2021, 22, e51696.	2.0	27
2	Microglial PDâ€1 stimulation by astrocytic PDâ€L1 suppresses neuroinflammation and Alzheimerâ€™s disease pathology. EMBO Journal, 2021, 40, e108662.	3.5	41
3	Dysregulation of TLR5 and TAM Ligands in the Alzheimerâ€™s Brain as Contributors to Disease Progression. Molecular Neurobiology, 2019, 56, 6539-6550.	1.9	31
4	The NMDA receptor antagonist Radiprodil reverses the synaptotoxic effects of different amyloid-beta (AÎ²) species on long-term potentiation (LTP). Neuropharmacology, 2018, 140, 184-192.	2.0	22
5	Proteome profiling of s-nitrosylated synaptosomal proteins by isobaric mass tags. Journal of Neuroscience Methods, 2017, 291, 95-100.	1.3	5
6	Microglia-derived ASC specks cross-seed amyloid-Î² in Alzheimerâ€™s disease. Nature, 2017, 552, 355-361.	13.7	664
7	Neuroinflammation in Alzheimer's disease. Lancet Neurology, The, 2015, 14, 388-405.	4.9	4,129
8	Pan-PPAR Modulation Effectively Protects APP/PS1 Mice from Amyloid Deposition and Cognitive Deficits. Molecular Neurobiology, 2015, 51, 661-671.	1.9	35
9	CXCR3 promotes plaque formation and behavioral deficits in an Alzheimerâ€™s disease model. Journal of Clinical Investigation, 2015, 125, 365-378.	3.9	106
10	Ear2 Deletion Causes Early Memory and Learning Deficits in APP/PS1 Mice. Journal of Neuroscience, 2014, 34, 8845-8854.	1.7	54
11	Innate immune activation in neurodegenerative disease. Nature Reviews Immunology, 2014, 14, 463-477.	10.6	1,053
12	Truncated and modified amyloid-beta species. Alzheimer's Research and Therapy, 2014, 6, 28.	3.0	233
13	Postoperative Ileus Involves Interleukin-1 Receptor Signaling in Enteric Glia. Gastroenterology, 2014, 146, 176-187.e1.	0.6	110
14	Selective Loss of Noradrenaline Exacerbates Early Cognitive Dysfunction and Synaptic Deficits in APP/PS1 Mice. Biological Psychiatry, 2013, 73, 454-463.	0.7	95
15	Targeting norepinephrine in mild cognitive impairment and Alzheimer's disease. Alzheimer's Research and Therapy, 2013, 5, 21.	3.0	124
16	Imaging microglial activation and glucose consumption in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2013, 34, 351-354.	1.5	52
17	NLRP3 is activated in Alzheimerâ€™s disease and contributes to pathology in APP/PS1 mice. Nature, 2013, 493, 674-678.	13.7	2,063
18	PPARÎ³/RXRÎ±-Induced and CD36-Mediated Microglial Amyloid-Î² Phagocytosis Results in Cognitive Improvement in Amyloid Precursor Protein/Presenilin 1 Mice. Journal of Neuroscience, 2012, 32, 17321-17331.	1.7	277

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19	Mrp14 Deficiency Ameliorates Amyloid Î² Burden by Increasing Microglial Phagocytosis and Modulation of Amyloid Precursor Protein Processing. Journal of Neuroscience, 2012, 32, 17824-17829.	1.7	60
20	Locus coeruleus degeneration exacerbates olfactory deficits in APP/PS1 transgenic mice. Neurobiology of Aging, 2012, 33, 426.e1-426.e11.	1.5	47
21	Nitric Oxide Decreases the Enzymatic Activity of Insulin Degrading Enzyme in APP/PS1 Mice. Journal of NeuroImmune Pharmacology, 2012, 7, 165-172.	2.1	24
22	Nitration of Tyrosine 10 Critically Enhances Amyloid Î² Aggregation and Plaque Formation. Neuron, 2011, 71, 833-844.	3.8	259
23	The Alzheimer's Association external quality control program for cerebrospinal fluid biomarkers. Alzheimer's and Dementia, 2011, 7, 386.	0.4	354
24	Restraint stress increases neuroinflammation independently of amyloid Î² levels in amyloid precursor protein/PS1 transgenic mice. Journal of Neurochemistry, 2011, 116, 43-52.	2.1	16
25	Impact and Therapeutic Potential of PPARs in Alzheimers Disease. Current Neuropharmacology, 2011, 9, 643-650.	1.4	99
26	Critical Role of Astroglial Apolipoprotein E and Liver X Receptor-Î± Expression for Microglial AÎ² Phagocytosis. Journal of Neuroscience, 2011, 31, 7049-7059.	1.7	163
27	Distinct and Non-Redundant Roles of Microglia and Myeloid Subsets in Mouse Models of Alzheimer's Disease. Journal of Neuroscience, 2011, 31, 11159-11171.	1.7	286
28	Locus ceruleus controls Alzheimer's disease pathology by modulating microglial functions through norepinephrine. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6058-6063.	3.3	408
29	Distinct modulation of microglial amyloid Î² phagocytosis and migration by neuropeptidesi. Journal of Neuroinflammation, 2010, 7, 61.	3.1	69
30	Induced LC degeneration in APP/PS1 transgenic mice accelerates early cerebral amyloidosis and cognitive deficits. Neurochemistry International, 2010, 57, 375-382.	1.9	116
31	Formation of Pmel17 Amyloid Is Regulated by Juxtamembrane Metalloproteinase Cleavage, and the Resulting C-terminal Fragment Is a Substrate for Î³-Secretase. Journal of Biological Chemistry, 2009, 284, 2296-2306.	1.6	55
32	NOS2Gene Deficiency Protects from Sepsis-Induced Long-Term Cognitive Deficits. Journal of Neuroscience, 2009, 29, 14177-14184.	1.7	125
33	PPARÎ³ and RXRÎ³ ligands act synergistically as potent antineoplastic agents in vitro and in vivo glioma models. Journal of Neurochemistry, 2009, 109, 1779-1790.	2.1	55
34	Sepsis causes neuroinflammation and concomitant decrease of cerebral metabolism. Journal of Neuroinflammation, 2008, 5, 38.	3.1	223
35	PPARs in Alzheimer's Disease. PPAR Research, 2008, 2008, 1-8.	1.1	60
36	Inhibitors of Rho-kinase modulate amyloid-Î² (AÎ²) secretion but lack selectivity for AÎ²42. Journal of Neurochemistry, 2006, 96, 355-365.	2.1	37

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37	Endoplasmic Reticulum-Localized Amyloid beta-Peptide is Degraded in the Cytosol by Two Distinct Degradation Pathways. Traffic, 2004, 5, 89-101.	1.3	69
38	A possible role for the Alzheimer amyloid precursor protein in the regulation of epidermal basal cell proliferation. European Journal of Cell Biology, 2000, 79, 905-914.	1.6	75
39	Thyroglobulin type-I-like domains in invariant chain fusion proteins mediate resistance to cathepsin L digestion. FEBS Letters, 2000, 485, 67-70.	1.3	9
40	Binding and Selective Detection of the Secretory N-terminal Domain of the Alzheimer Amyloid Precursor Protein on Cell Surfaces. Journal of Histochemistry and Cytochemistry, 1999, 47, 373-382.	1.3	27