

Marie-Christine Pardon

List of Publications by Year in descending order

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48
papers

1,739
citations

236925

25
h-index

276875

41
g-index

50
all docs

50
docs citations

50
times ranked

2417
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress reactivity of the brain noradrenergic system in three rat strains differing in their neuroendocrine and behavioral responses to stress: implications for susceptibility to stress-related neuropsychiatric disorders. <i>Neuroscience</i> , 2002, 115, 229-242.	2.3	220
2	5-HT _{1A} autoreceptor desensitization by chronic ultramild stress in mice. <i>NeuroReport</i> , 1999, 10, 3369-3374.	1.2	95
3	Influence of prepartum chronic ultramild stress on maternal pup care behavior in mice. <i>Biological Psychiatry</i> , 2000, 47, 858-863.	1.3	93
4	Chronic cold stress sensitizes brain noradrenergic reactivity and noradrenergic facilitation of the HPA stress response in Wistar Kyoto rats. <i>Brain Research</i> , 2003, 971, 55-65.	2.2	85
5	Regulation of the norepinephrine transporter by chronic administration of antidepressants. <i>Biological Psychiatry</i> , 2004, 55, 313-316.	1.3	64
6	What do we know about the long-term consequences of stress on ageing and the progression of age-related neurodegenerative disorders?. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1103-1120.	6.1	61
7	Stress and ageing interactions: A paradox in the context of shared etiological and physiopathological processes. <i>Brain Research Reviews</i> , 2007, 54, 251-273.	9.0	58
8	Role of Neurotrophic Factors in Behavioral Processes. <i>Vitamins and Hormones</i> , 2010, 82, 185-200.	1.7	56
9	Age-dependent effects of a chronic ultramild stress procedure on open-field behaviour in B6D2F1 female mice. <i>Physiology and Behavior</i> , 2000, 70, 7-13.	2.1	55
10	Social threat and novel cage stress-induced sustained extracellular-regulated kinase1/2 (ERK1/2) phosphorylation but differential modulation of brain-derived neurotrophic factor (BDNF) expression in the hippocampus of NMRI mice. <i>Neuroscience</i> , 2005, 132, 561-574.	2.3	53
11	A detailed analysis of the early context extinction deficits seen in APP ^{swe} /PS1 ^{dE9} female mice and their relevance to preclinical Alzheimer's disease. <i>Behavioural Brain Research</i> , 2011, 222, 89-97.	2.2	53
12	Repeated sensory contact with aggressive mice rapidly leads to an anticipatory increase in core body temperature and physical activity that precedes the onset of aversive responding. <i>European Journal of Neuroscience</i> , 2004, 20, 1033-1050.	2.6	52
13	In vivo regulation of cerebral monoamine oxidase activity in senescent controls and chronically stressed mice by long-term treatment with Ginkgo biloba extract (EGb 761). <i>Mechanisms of Ageing and Development</i> , 2000, 113, 157-168.	4.6	51
14	Effects of Ginkgo biloba extract (EGb 761) on learning and possible actions on aging. <i>Journal of Physiology (Paris)</i> , 1997, 91, 291-300.	2.1	46
15	A state of delirium: Deciphering the effect of inflammation on tau pathology in Alzheimer's disease. <i>Experimental Gerontology</i> , 2017, 94, 103-107.	2.8	44
16	Chronic treatment with the β_2 -adrenoceptor antagonist fluparoxan prevents age-related deficits in spatial working memory in APP ^{ΔE4} –PS1 transgenic mice without altering β_2 -amyloid plaque load or astrogliosis. <i>Neuropharmacology</i> , 2011, 60, 223-234.	4.1	43
17	Prenatal exposure to chronic mild stress increases corticosterone levels in the amniotic fluid and induces cognitive deficits in female offspring, improved by treatment with the antidepressant drug amitriptyline. <i>Behavioural Brain Research</i> , 2012, 231, 29-39.	2.2	42
18	Repeated novel cage exposure-induced improvement of early Alzheimer's-like cognitive and amyloid changes in TASTPM mice is unrelated to changes in brain endocannabinoids levels. <i>Neurobiology of Aging</i> , 2009, 30, 1099-1113.	3.1	37

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19	Prepartum chronic ultramild stress increases corticosterone and estradiol levels in gestating mice: Implications for postpartum depressive disorders. <i>Psychiatry Research</i> , 2005, 137, 123-130.	3.3	33
20	Reductions in Endocannabinoid Levels and Enhanced Coupling of Cannabinoid Receptors in the Striatum are Accompanied by Cognitive Impairments in the $Al^{2PPswe}/PS1^{E9}$ Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 227-245.	2.6	33
21	Magnetic Resonance Spectroscopy discriminates the response to microglial stimulation of wild type and Alzheimer's disease models. <i>Scientific Reports</i> , 2016, 6, 19880.	3.3	32
22	Regulatory Effects of Reboxetine Treatment Alone, or Following Paroxetine Treatment, on Brain Noradrenergic and Serotonergic Systems. <i>Neuropsychopharmacology</i> , 2003, 28, 1633-1641.	5.4	31
23	Novel Methods for Microglia Segmentation, Feature Extraction, and Classification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017, 14, 1366-1377.	3.0	30
24	Endocannabinoid signalling in Alzheimer's disease. <i>Biochemical Society Transactions</i> , 2013, 41, 1583-1587.	3.4	27
25	Abnormal Clock Gene Expression and Locomotor Activity Rhythms in Two Month-Old Female APPSwe/PS1dE9 Mice. <i>Current Alzheimer Research</i> , 2017, 14, 850-860.	1.4	27
26	Central noradrenergic depletion by DSP-4 prevents stress-induced memory impairments in the object recognition task. <i>Neuroscience</i> , 2009, 164, 415-423.	2.3	26
27	Impaired burrowing is the most prominent behavioral deficit of aging htau mice. <i>Neuroscience</i> , 2016, 329, 98-111.	2.3	26
28	NAD-biosynthetic enzyme NMNAT1 reduces early behavioral impairment in the htau mouse model of tauopathy. <i>Behavioural Brain Research</i> , 2018, 339, 140-152.	2.2	26
29	Sex-specific hippocampal metabolic signatures at the onset of systemic inflammation with lipopolysaccharide in the APPSwe/PS1dE9 mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 87-111.	4.1	26
30	The occurrence of a deficit in contextual fear extinction in adult amyloid-over-expressing TASTPM mice is independent of the strength of conditioning but can be prevented by mild novel cage stress. <i>Behavioural Brain Research</i> , 2009, 200, 83-90.	2.2	24
31	Long-term treatment with the antioxidant drug EGb 761 at senescence restored some neurobehavioral effects of chronic ultramild stress exposure seen in young mice. <i>Neurobiology of Aging</i> , 2004, 25, 1067-1083.	3.1	18
32	Novel Cage Stress Alters Remote Contextual Fear Extinction and Regional T2 Magnetic Resonance Relaxation Times in TASTPM Mice Overexpressing Amyloid. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1049-1068.	2.6	17
33	Therapeutic potential of some stress mediators in early Alzheimer's disease. <i>Experimental Gerontology</i> , 2011, 46, 170-173.	2.8	17
34	Corticosterone and dopamine D2/D3 receptors mediate the motivation for voluntary wheel running in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2016, 311, 228-238.	2.2	16
35	Anti-inflammatory potential of thymosin β 4 in the central nervous system: implications for progressive neurodegenerative diseases. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 165-169.	3.1	16
36	Increasing Tau 4R Tau Levels Exacerbates Hippocampal Tau Hyperphosphorylation in the hTau Model of Tauopathy but Also Tau Dephosphorylation Following Acute Systemic Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 293.	4.8	13

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37	Hormesis is Applicable as a Pro-Healthy Aging Intervention in Mammals and Human Beings. Dose-Response, 2010, 8, dose-response.0.	1.6	12
38	Chronic ultra-mild stress improves locomotor performance of B6D2F1 mice in a motor risk situation. Behavioural Brain Research, 2004, 155, 265-273.	2.2	11
39	Deficits in object-in-place but not relative recency performance in the APPswe/PS1dE9 mouse model of Alzheimer's disease: Implications for object recognition. Behavioural Brain Research, 2016, 313, 71-81.	2.2	9
40	Dynamic metabolic patterns tracking neurodegeneration and gliosis following 26S proteasome dysfunction in mouse forebrain neurons. Scientific Reports, 2018, 8, 4833.	3.3	9
41	Myoinositol CEST signal in animals with increased Iba-1 levels in response to an inflammatory challenge—Preliminary findings. PLoS ONE, 2019, 14, e0212002.	2.5	9
42	An automated method for segmentation and quantification of blood vessels in histology images. Microvascular Research, 2020, 128, 103928.	2.5	9
43	The long-term impact of stress on brain function: From adaptation to mental diseases. Neuroscience and Biobehavioral Reviews, 2008, 32, 1071-1072.	6.1	8
44	Corticotropin-Releasing Factor Receptor 1 Activation During Exposure to Novelty Stress Protects Against Alzheimer's Disease-Like Cognitive Decline in APP/PS1 Mice. Journal of Alzheimer's Disease, 2013, 34, 781-793.	2.6	8
45	Transplantation of bone marrow derived macrophages reduces markers of neuropathology in an APP/PS1 mouse model. Translational Neurodegeneration, 2019, 8, 33.	8.0	8
46	A novel role for the immunophilin FKBP52 in motor coordination. Behavioural Brain Research, 2016, 313, 97-110.	2.2	4
47	Timing impairments in early Alzheimer's disease: Evidence from a mouse model.. Behavioral Neuroscience, 2020, 134, 82-100.	1.2	4
48	Time or place? Dissociation between object-in-place and relative recency in young APPswe/PS1dE9 mice.. Behavioral Neuroscience, 2021, 135, 39-50.	1.2	2