

Muriel Koehl

List of Publications by Year in descending order

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53
papers

6,266
citations

136950

32
h-index

175258

52
g-index

58
all docs

58
docs citations

58
times ranked

6764
citing authors

#	ARTICLE	IF	CITATIONS
1	A Baldwin interpretation of adult hippocampal neurogenesis: from functional relevance to physiopathology. <i>Molecular Psychiatry</i> , 2022, 27, 383-402.	7.9	22
2	Vangl2, a Core Component of the WNT/PCP Pathway, Regulates Adult Hippocampal Neurogenesis and Age-Related Decline in Cognitive Flexibility. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 844255.	3.4	1
3	Cord Serum Cytokines at Birth and Children's Anxiety-Depression Trajectories From 3 to 8 Years: The EDEN Mother-Child Cohort. <i>Biological Psychiatry</i> , 2021, 89, 541-549.	1.3	3
4	Inhibition of mTOR signaling by genetic removal of p70 S6 kinase 1 increases anxiety-like behavior in mice. <i>Translational Psychiatry</i> , 2021, 11, 165.	4.8	16
5	The atypical Rho GTPase Rnd2 is critical for dentate granule neuron development and anxiety-like behavior during adult but not neonatal neurogenesis. <i>Molecular Psychiatry</i> , 2021, 26, 7280-7295.	7.9	11
6	Juvenile mild traumatic brain injury elicits distinct spatiotemporal astrocyte responses. <i>Glia</i> , 2020, 68, 528-542.	4.9	21
7	Sox11 is an Activity-Regulated Gene with Dentate-Gyrus-Specific Expression Upon General Neural Activation. <i>Cerebral Cortex</i> , 2020, 30, 3731-3743.	2.9	7
8	Depleting adult dentate gyrus neurogenesis increases cocaine-seeking behavior. <i>Molecular Psychiatry</i> , 2019, 24, 312-320.	7.9	31
9	Transcriptional Dysregulation in Postnatal Glutamatergic Progenitors Contributes to Closure of the Cortical Neurogenic Period. <i>Cell Reports</i> , 2018, 22, 2567-2574.	6.4	16
10	Plasticity in the olfactory bulb of the maternal mouse is prevented by gestational stress. <i>Scientific Reports</i> , 2016, 6, 37615.	3.3	30
11	Running per se stimulates the dendritic arbor of newborn dentate granule cells in mouse hippocampus in a duration-dependent manner. <i>Hippocampus</i> , 2016, 26, 282-288.	1.9	21
12	LAMP5 Fine-Tunes GABAergic Synaptic Transmission in Defined Circuits of the Mouse Brain. <i>PLoS ONE</i> , 2016, 11, e0157052.	2.5	36
13	Gene-environment interaction in programming hippocampal plasticity: focus on adult neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 41.	2.9	18
14	Effects of spaced learning in the water maze on development of dentate granule cells generated in adult mice. <i>Hippocampus</i> , 2015, 25, 1314-1326.	1.9	16
15	Prenatal Stress Inhibits Hippocampal Neurogenesis but Spares Olfactory Bulb Neurogenesis. <i>PLoS ONE</i> , 2013, 8, e72972.	2.5	54
16	Acute Cannabinoids Impair Working Memory through Astroglial CB1 Receptor Modulation of Hippocampal LTD. <i>Cell</i> , 2012, 148, 1039-1050.	28.9	410
17	Interplay of Maternal Care and Genetic Influences in Programming Adult Hippocampal Neurogenesis. <i>Biological Psychiatry</i> , 2012, 72, 282-289.	1.3	20
18	Adult-born neurons are necessary for extended contextual discrimination. <i>Hippocampus</i> , 2012, 22, 292-298.	1.9	225

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19	A Critical Time Window for the Recruitment of Bulbar Newborn Neurons by Olfactory Discrimination Learning. <i>Journal of Neuroscience</i> , 2011, 31, 1010-1016.	3.6	38
20	A new chapter in the field of memory: adult hippocampal neurogenesis. <i>European Journal of Neuroscience</i> , 2011, 33, 1101-1114.	2.6	149
21	Conditional reduction of adult neurogenesis impairs bidirectional hippocampal synaptic plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6644-6649.	7.1	80
22	Stress Disorders. , 2011, , 53-97.		3
23	The Planar Polarity Protein Scribble1 Is Essential for Neuronal Plasticity and Brain Function. <i>Journal of Neuroscience</i> , 2010, 30, 9738-9752.	3.6	62
24	CB1 receptor deficiency decreases wheel-running activity: Consequences on emotional behaviours and hippocampal neurogenesis. <i>Experimental Neurology</i> , 2010, 224, 106-113.	4.1	89
25	Adult hippocampal neurogenesis is involved in anxiety-related behaviors. <i>Molecular Psychiatry</i> , 2009, 14, 959-967.	7.9	455
26	Age-dependent effect of prenatal stress on hippocampal cell proliferation in female rats. <i>European Journal of Neuroscience</i> , 2009, 29, 635-640.	2.6	33
27	Impact of intra- and interstrain cross-fostering on mouse maternal care. <i>Genes, Brain and Behavior</i> , 2008, 7, 184-192.	2.2	45
28	Spatial Relational Memory Requires Hippocampal Adult Neurogenesis. <i>PLoS ONE</i> , 2008, 3, e1959.	2.5	505
29	Exercise-induced promotion of hippocampal cell proliferation requires β -endorphin. <i>FASEB Journal</i> , 2008, 22, 2253-2262.	0.5	81
30	Maternal Environment Influences Cocaine Intake in Adulthood in a Genotype-Dependent Manner. <i>PLoS ONE</i> , 2008, 3, e2245.	2.5	41
31	Sex Differences in Sleep: the Response to Sleep Deprivation and Restraint Stress in Mice. <i>Sleep</i> , 2006, 29, 1224-1231.	1.1	79
32	Adult Neurogenesis: From Precursors to Network and Physiology. <i>Physiological Reviews</i> , 2005, 85, 523-569.	28.8	882
33	Environmentally induced long-term structural changes: Cues for functional orientation and vulnerabilities. <i>Neurotoxicity Research</i> , 2004, 6, 571-580.	2.7	22
34	Early and Later Adoptions Differently Modify Mother-Pup Interactions.. <i>Behavioral Neuroscience</i> , 2004, 118, 590-596.	1.2	40
35	Effects of Gamma-Hydroxybutyrate (GHB) on Vigilance States and EEG in Mice. <i>Sleep</i> , 2004, 27, 899-904.	1.1	27
36	Prenatal stress in rats predicts immobility behavior in the forced swim test. <i>Brain Research</i> , 2003, 989, 246-251.	2.2	172

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37	Sleep in Female Mice: A Strain Comparison Across the Estrous Cycle. <i>Sleep</i> , 2003, 26, 267-272.	1.1	69
38	Behavioral Characterization of Mice Lacking Histamine H3 Receptors. <i>Molecular Pharmacology</i> , 2002, 62, 389-397.	2.3	215
39	Measurement of hypocretin/orexin content in the mouse brain using an enzyme immunoassay: the effect of circadian time, age and genetic background. <i>Peptides</i> , 2002, 23, 2203-2211.	2.4	50
40	The effect of restraint stress on paradoxical sleep is influenced by the circadian cycle. <i>Brain Research</i> , 2002, 937, 45-50.	2.2	39
41	Sleep Restriction Alters the Hypothalamic-Pituitary-Adrenal Response to Stress. <i>Journal of Neuroendocrinology</i> , 2002, 14, 397-402.	2.6	198
42	The Neurosteroid Pregnenolone Sulfate Increases Cortical Acetylcholine Release: A Microdialysis Study in Freely Moving Rats. <i>Journal of Neurochemistry</i> , 2002, 71, 2018-2022.	3.9	41
43	Individual vulnerability to substance abuse and affective disorders: Role of early environmental influences. <i>Neurotoxicity Research</i> , 2002, 4, 281-296.	2.7	38
44	Long term neurodevelopmental and behavioral effects of perinatal life events in rats. <i>Neurotoxicity Research</i> , 2001, 3, 65-83.	2.7	46
45	Stress prénatal : effets à long terme sur la plasticité hippocampique et les fonctions cognitives.. <i>Medicine/Sciences</i> , 2001, 17, 119.	0.2	1
46	Nicotine-induced locomotor activity is increased by preexposure of rats to prenatal stress. <i>Brain Research</i> , 2000, 882, 196-200.	2.2	54
47	Pregnenolone sulfate increases hippocampal acetylcholine release and spatial recognition. <i>Brain Research</i> , 2000, 852, 173-179.	2.2	67
48	Prenatal stress produces learning deficits associated with an inhibition of neurogenesis in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11032-11037.	7.1	909
49	Prenatal stress alters circadian activity of hypothalamo-pituitary-adrenal axis and hippocampal corticosteroid receptors in adult rats of both gender. <i>Journal of Neurobiology</i> , 1999, 40, 302-315.	3.6	261
50	Prenatal Stress Enhances Stress- and Corticotropin-Releasing Factor-Induced Stimulation of Hippocampal Acetylcholine Release in Adult Rats. <i>Journal of Neuroscience</i> , 1998, 18, 1886-1892.	3.6	109
51	Corticotropin-Releasing Factor Administered Centrally, but Not Peripherally, Stimulates Hippocampal Acetylcholine Release. <i>Journal of Neurochemistry</i> , 1998, 71, 622-629.	3.9	32
52	Neurosteroids: Deficient cognitive performance in aged rats depends on low pregnenolone sulfate levels in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14865-14870.	7.1	284
53	Prenatal stress induces a phase advance of circadian corticosterone rhythm in adult rats which is prevented by postnatal stress. <i>Brain Research</i> , 1997, 759, 317-320.	2.2	88