

Carine Bossenmeyer-Pourie

List of Publications by Year in descending order

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37
papers

1,531
citations

331670

21
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse bone marrow contains large numbers of functionally competent neutrophils. <i>Journal of Leukocyte Biology</i> , 2004, 75, 604-611.	3.3	268
2	The trefoil factor 1 participates in gastrointestinal cell differentiation by delaying G1-S phase transition and reducing apoptosis. <i>Journal of Cell Biology</i> , 2002, 157, 761-770.	5.2	166
3	Gestational Vitamin B Deficiency Leads to Homocysteine-Associated Brain Apoptosis and Alters Neurobehavioral Development in Rats. <i>American Journal of Pathology</i> , 2007, 170, 667-679.	3.8	135
4	Effects of Hypothermia on Hypoxia-Induced Apoptosis in Cultured Neurons from Developing Rat Forebrain: Comparison with Preconditioning. <i>Pediatric Research</i> , 2000, 47, 385-391.	2.3	72
5	Hypoxia/reoxygenation induces apoptosis through biphasic induction of protein synthesis in cultured rat brain neurons. <i>Brain Research</i> , 1998, 787, 107-116.	2.2	67
6	Homocysteinylation of neuronal proteins contributes to folate deficiency-associated alterations of differentiation, vesicular transport, and plasticity in hippocampal neuronal cells. <i>FASEB Journal</i> , 2012, 26, 3980-3992.	0.5	66
7	Early methyl donor deficiency may induce persistent brain defects by reducing Stat3 signaling targeted by miR-124. <i>Cell Death and Disease</i> , 2013, 4, e755-e755.	6.3	59
8	Intracellular generation of free radicals and modifications of detoxifying enzymes in cultured neurons from the developing rat forebrain in response to transient hypoxia. <i>Neuroscience</i> , 2001, 105, 287-297.	2.3	57
9	Sequential expression patterns of apoptosis- and cell cycle-related proteins in neuronal response to severe or mild transient hypoxia. <i>Neuroscience</i> , 2002, 114, 869-882.	2.3	49
10	Transient hypoxia may lead to neuronal proliferation in the developing mammalian brain: from apoptosis to cell cycle completion. <i>Neuroscience</i> , 1999, 91, 221-231.	2.3	43
11	Late Maternal Folate Supplementation Rescues from Methyl Donor Deficiency-Associated Brain Defects by Restoring Let-7 and miR-34 Pathways. <i>Molecular Neurobiology</i> , 2017, 54, 5017-5033.	4.0	35
12	N-homocysteinylation of tau and MAP1 is increased in autopsy specimens of Alzheimer's disease and vascular dementia. <i>Journal of Pathology</i> , 2019, 248, 291-303.	4.5	35
13	Folate- and vitamin B ₁₂ -deficient diet during gestation and lactation alters cerebellar synapsin expression via impaired influence of estrogen nuclear receptor β . <i>FASEB Journal</i> , 2015, 29, 3713-3725.	0.5	33
14	CPP32/CASPASE-3-like proteases in hypoxia-induced apoptosis in developing brain neurons. <i>Molecular Brain Research</i> , 1999, 71, 225-237.	2.3	32
15	Lack of Correlation Between the Effects of Transient Exposure to Glutamate and Those of Hypoxia/Reoxygenation in Immature Neurons In Vitro. <i>Journal of Neurochemistry</i> , 2002, 71, 1177-1186.	3.9	32
16	Methyl Donor Deficiency Affects Fetal Programming of Gastric Ghrelin Cell Organization and Function in the Rat. <i>American Journal of Pathology</i> , 2010, 176, 270-277.	3.8	32
17	Methyl donor deficiency affects small-intestinal differentiation and barrier function in rats. <i>British Journal of Nutrition</i> , 2013, 109, 667-677.	2.3	32
18	Prevention from hypoxia-induced apoptosis by pre-conditioning: a mechanistic approach in cultured neurons from fetal rat forebrain. <i>Molecular Brain Research</i> , 1998, 58, 237-239.	2.3	31

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19	Methyl deficient diet aggravates experimental colitis in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2486-2497.	3.6	31
20	Glutamate Triggers Cell Death Specifically in Mature Central Neurons through a Necrotic Process. <i>Molecular Genetics and Metabolism</i> , 1998, 63, 142-147.	1.1	28
21	Short hypoxia could attenuate the adverse effects of hyperhomocysteinemia on the developing rat brain by inducing neurogenesis. <i>Experimental Neurology</i> , 2009, 216, 231-238.	4.1	28
22	Human pS2/Trefoil Factor 1: Production and Characterization in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2001, 21, 92-98.	1.3	20
23	Developmental Impairments in a Rat Model of Methyl Donor Deficiency: Effects of a Late Maternal Supplementation with Folic Acid. <i>International Journal of Molecular Sciences</i> , 2019, 20, 973.	4.1	20
24	Early methyl donor deficiency produces severe gastritis in mothers and offspring through homocysteinylation of cytoskeleton proteins, cellular stress, and inflammation. <i>FASEB Journal</i> , 2013, 27, 2185-2197.	0.5	19
25	Involvement of caspase-1 proteases in hypoxic brain injury. Effects of their inhibitors in developing neurons. <i>Neuroscience</i> , 1999, 95, 1157-1165.	2.3	17
26	Differentiation and neural integration of hippocampal neuronal progenitors: Signaling pathways sequentially involved. <i>Hippocampus</i> , 2010, 20, 949-961.	1.9	17
27	Conditioning-like Brief Neonatal Hypoxia Improves Cognitive Function and Brain Tissue Properties with Marked Gender Dimorphism in Adult Rats. <i>Seminars in Perinatology</i> , 2010, 34, 193-200.	2.5	17
28	Non-Injurious Neonatal Hypoxia Confers Resistance to Brain Senescence in Aged Male Rats. <i>PLoS ONE</i> , 2012, 7, e48828.	2.5	17
29	Expanding the clinical spectrum of STIP1 homology and U-box containing protein 1-associated ataxia. <i>Journal of Neurology</i> , 2021, 268, 1927-1937.	3.6	15
30	Association of neuropeptide W, but not obestatin, with energy intake and endocrine status in Zucker rats. A new player in long-term stress-feeding interactions. <i>Appetite</i> , 2010, 55, 319-324.	3.7	13
31	Brain Susceptibility to Methyl Donor Deficiency: From Fetal Programming to Aging Outcome in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5692.	4.1	11
32	Methyl Donor Deficiency during Gestation and Lactation in the Rat Affects the Expression of Neuropeptides and Related Receptors in the Hypothalamus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5097.	4.1	10
33	The Immunostimulatory Peptide WKYMVm-NH ₂ Activates Bone Marrow Mouse Neutrophils via Multiple Signal Transduction Pathways. <i>Scandinavian Journal of Immunology</i> , 2005, 62, 140-147.	2.7	7
34	The Stimulation of Neurogenesis Improves the Cognitive Status of Aging Rats Subjected to Gestational and Perinatal Deficiency of B ₉ Vitamins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8008.	4.1	7
35	Glucocorticoid Receptor Activation Restores Learning Memory by Modulating Hippocampal Plasticity in a Mouse Model of Brain Vitamin B12 Deficiency. <i>Molecular Neurobiology</i> , 2021, 58, 1024-1035.	4.0	7
36	Increased homocysteinemia is associated with beneficial effects on body weight after long-term high-protein, low-fat diet in rats. <i>Nutrition</i> , 2012, 28, 932-936.	2.4	3

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37	Mo1800 Methyl Donor Deficiency Affects Small Intestinal Differentiation and Barrier Function in Rats. Gastroenterology, 2012, 142, S-688.	1.3	0