

Carole Rovere

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,473
citations

186265

28
h-index

265206

42
g-index

43
all docs

43
docs citations

43
times ranked

4033
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of monocyte chemoattractant protein MCP1/CCL2 in neuroinflammatory diseases. <i>Journal of Neuroimmunology</i> , 2010, 224, 93-100.	2.3	326
2	ER stress induces NLRP3 inflammasome activation and hepatocyte death. <i>Cell Death and Disease</i> , 2015, 6, e1879-e1879.	6.3	293
3	New Insights in Anorexia Nervosa. <i>Frontiers in Neuroscience</i> , 2016, 10, 256.	2.8	144
4	Variations in circulating inflammatory factors are related to changes in calorie and carbohydrate intakes early in the course of surgery-induced weight reduction. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 450-458.	4.7	106
5	Long term exposure to the chemokine CCL2 activates the nigrostriatal dopamine system: a novel mechanism for the control of dopamine release. <i>Neuroscience</i> , 2009, 162, 1072-1080.	2.3	91
6	The complex contribution of chemokines to neuroinflammation: switching from beneficial to detrimental effects. <i>Annals of the New York Academy of Sciences</i> , 2015, 1351, 127-140.	3.8	83
7	Dietary supplementation of alpha-linolenic acid in an enriched rapeseed oil diet protects from stroke. <i>Pharmacological Research</i> , 2010, 61, 226-233.	7.1	82
8	Chemokines and chemokine receptors: New actors in neuroendocrine regulations. <i>Frontiers in Neuroendocrinology</i> , 2011, 32, 10-24.	5.2	79
9	The chemokine stromal cell-derived factor-1/CXCL12 activates the nigrostriatal dopamine system. <i>Journal of Neurochemistry</i> , 2007, 102, 1175-1183.	3.9	76
10	Hypothalamic Inflammation and Energy Balance Disruptions: Spotlight on Chemokines. <i>Frontiers in Endocrinology</i> , 2017, 8, 197.	3.5	74
11	Melanin-concentrating hormone regulates beat frequency of ependymal cilia and ventricular volume. <i>Nature Neuroscience</i> , 2013, 16, 845-847.	14.8	70
12	Biosynthesis, Maturation, Release, and Degradation of Neurotensin and Neuromedin N. <i>Annals of the New York Academy of Sciences</i> , 1992, 668, 30-42.	3.8	69
13	Glucose Inhibition Persists in Hypothalamic Neurons Lacking Tandem-Pore K ⁺ Channels. <i>Journal of Neuroscience</i> , 2009, 29, 2528-2533.	3.6	69
14	Impaired processing of brain proneurotensin and promelanin-concentrating hormone in obese fat/fat mice. <i>Endocrinology</i> , 1996, 137, 2954-2958.	2.8	60
15	Complex effects of stromal cell-derived factor-1 α on melanin-concentrating hormone neuron excitability. <i>European Journal of Neuroscience</i> , 2005, 21, 701-710.	2.6	59
16	Evidence That PC2 Is the Endogenous Pro-neurotensin Convertase in rMTC 6-23 Cells and That PC1- and PC2-transfected PC12 Cells Differentially Process Pro-neurotensin. <i>Journal of Biological Chemistry</i> , 1996, 271, 11368-11375.	3.4	58
17	Stromal cell-derived factor-1 β modulation of the excitability of rat substantia nigra dopaminergic neurons: presynaptic mechanisms. <i>Journal of Neurochemistry</i> , 2006, 96, 1540-1550.	3.9	58
18	Melanin-concentrating hormone producing neurons: Activities and modulations. <i>Peptides</i> , 2009, 30, 2031-2039.	2.4	57

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19	Regional and cellular localization of the neuroendocrine prohormone convertases PC1 and PC2 in the rat central nervous system. <i>Journal of Comparative Neurology</i> , 2000, 424, 439-460.	1.6	49
20	How cytokines can influence the brain: A role for chemokines?. <i>Journal of Neuroimmunology</i> , 2008, 198, 46-55.	2.3	49
21	PC5-A-mediated Processing of Pro-neurotensin in Early Compartments of the Regulated Secretory Pathway of PC5-transfected PC12 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 25339-25346.	3.4	46
22	Stromal cell-derived factor-1alpha directly modulates voltage-dependent currents of the action potential in mammalian neuronal cells. <i>Journal of Neurochemistry</i> , 2005, 93, 963-973.	3.9	44
23	Central CCL2 signaling onto MCH neurons mediates metabolic and behavioral adaptation to inflammation. <i>EMBO Reports</i> , 2016, 17, 1738-1752.	4.5	40
24	The RGD Motif and the C-terminal Segment of Proprotein Convertase 1 Are Critical for Its Cellular Trafficking but Not for Its Intracellular Binding to Integrin $\alpha 5 \beta 1$. <i>Journal of Biological Chemistry</i> , 1999, 274, 12461-12467.	3.4	39
25	Production of Recombinant Large Proneurotensin/Neuromedin N-Derived Peptides and Characterization of Their Binding and Biological Activity. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 1161-1168.	2.1	39
26	Mutational Analysis of PC1 (SPC3) in PC12 Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 24702-24706.	3.4	36
27	Postprandial Hyperglycemia Stimulates Neuroglial Plasticity in Hypothalamic POMC Neurons after a Balanced Meal. <i>Cell Reports</i> , 2020, 30, 3067-3078.e5.	6.4	33
28	Stromal cell-derived factor 1/CXCL12 modulates high-threshold calcium currents in rat substantia nigra. <i>European Journal of Neuroscience</i> , 2008, 28, 862-870.	2.6	32
29	Dietary fat exacerbates postprandial hypothalamic inflammation involving glial fibrillary acidic protein-positive cells and microglia in male mice. <i>Glia</i> , 2021, 69, 42-60.	4.9	30
30	Pro-neurotensin/Neuromedin N Expression and Processing in Human Colon Cancer Cell Lines. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 155-159.	2.1	26
31	Effects of sleeve gastrectomy in high fat diet-induced obese mice: respective role of reduced caloric intake, white adipose tissue inflammation and changes in adipose tissue and ectopic fat depots. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 592-602.	2.4	23
32	Appetite-Boosting Property of Pro-Melanin-Concentrating Hormone131-165 (Neuropeptide-Glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 Therapeutics, 2002, 302, 766-773.	2.5	22
33	Post-translational processing of the neurotensin/neuromedin N precursor in the central nervous system of the rat. <i>Biochemical characterization of maturation products. Neuroscience</i> , 1994, 60, 159-166.	2.3	20
34	The Arg617-Arg618 cleavage site in the C-terminal domain of PC1 plays a major role in the processing and targeting of the enzyme within the regulated secretory pathway. <i>Journal of Neurochemistry</i> , 2003, 85, 1592-1603.	3.9	17
35	Melanin-concentrating hormone induces neurite outgrowth in human neuroblastoma SH-SY5Y cells through p53 and MAPKinase signaling pathways. <i>Peptides</i> , 2009, 30, 2014-2024.	2.4	17
36	PC12 cells can be induced to produce, but do not process, the neurotensin/neuromedin N precursor. <i>Peptides</i> , 1993, 14, 983-989.	2.4	15

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37	Long-Term Energy Deficit in Mice Causes Long-Lasting Hypothalamic Alterations after Recovery. <i>Neuroendocrinology</i> , 2017, 105, 372-383.	2.5	13
38	SVK14 cells express an MCH binding site different from the MCH1 or MCH2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 841-848.	2.1	11
39	Biosynthesis and posttranslational processing of the neurotensin/neuromedin N precursor in the rat medullary thyroid carcinoma 6-23 cell line. Effect of dexamethasone. <i>Endocrinology</i> , 1993, 132, 1614-1620.	2.8	9
40	Cathepsin-B Fusion Proteins Misroute Secretory Protein Partners Such as the Proprotein Convertase PC2-7B2 Complex toward the Lysosomal Degradation Pathways. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 594-599.	2.1	4
41	Evidence for Constitutive Microbiota-Dependent Short-Term Control of Food Intake in Mice: Is There a Link with Inflammation, Oxidative Stress, Endotoxemia, and GLP-1?. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 349-369.	5.4	3
42	An ex vivo Perfusion Method for Quantitative Determination of Neuropeptide Release from Mouse Hypothalamic Explants. <i>Bio-protocol</i> , 2017, 7, e2521.	0.4	0