Alessandro Castorina

List of Publications by Year
in descending order

60	1,579	257101 24	329751 37
papers	citations	h-index	g-index

62	62	62	2103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Moderate Physical Activity as a Prevention Method for Knee Osteoarthritis and the Role of Synoviocytes as Biological Key. International Journal of Molecular Sciences, 2019, 20, 511.	1.8	128
2	Ameliorative Effects of PACAP against Cartilage Degeneration. Morphological, Immunohistochemical and Biochemical Evidence from in Vivo and in Vitro Models of Rat Osteoarthritis. International Journal of Molecular Sciences, 2015, 16, 5922-5944.	1.8	81
3	A correlation between intestinal microbiota dysbiosis and osteoarthritis. Heliyon, 2019, 5, e01134.	1.4	68
4	Characterization of matrix metalloproteinase-2 and -9, ADAM-10 and N-cadherin expression in human glioblastoma multiforme. Cell and Tissue Research, 2015, 362, 45-60.	1.5	65
5	PACAP and VIP prevent apoptosis in schwannoma cells. Brain Research, 2008, 1241, 29-35.	1.1	64
6	Dopamine: an immune transmitter. Neural Regeneration Research, 2020, 15, 2173.	1.6	64
7	Degenerative disc disease of herniated intervertebral discs is associated with extracellular matrix remodeling, vimentin-positive cells and cell death. Annals of Anatomy, 2011, 193, 156-162.	1.0	61
8	Early changes in pituitary adenylate cyclase-activating peptide, vasoactive intestinal peptide and related receptors expression in retina of streptozotocin-induced diabetic rats. Peptides, 2012, 37, 32-39.	1.2	59
9	Ameliorative effect of PACAP and VIP against increased permeability in a model of outer blood retinal barrier dysfunction. Peptides, 2013, 39, 119-124.	1.2	52
10	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. Neuropsychopharmacology, 2014, 39, 2017-2028.	2.8	52
11	PACAP and VIP increase the expression of myelin-related proteins in rat schwannoma cells: Involvement of PAC1/VPAC2 receptor-mediated activation of PI3K/Akt signaling pathways. Experimental Cell Research, 2014, 322, 108-121.	1.2	49
12	Effects of PACAP and VIP on hyperglycemia-induced proliferation in murine microvascular endothelial cells. Peptides, 2010, 31, 2276-2283.	1.2	45
13	Dual blockade of the A1 and A2A adenosine receptor prevents amyloid beta toxicity in neuroblastoma cells exposed to aluminum chloride. International Journal of Biochemistry and Cell Biology, 2014, 54, 122-136.	1.2	43
14	Early effects of aluminum chloride on beta-secretase mRNA expression in a neuronal model of ÄŸ-amyloid toxicity. Cell Biology and Toxicology, 2010, 26, 367-377.	2.4	41
15	Involvement of PACAP/ADNP Signaling in the Resistance to Cell Death in Malignant Peripheral Nerve Sheath Tumor (MPNST) Cells. Journal of Molecular Neuroscience, 2012, 48, 674-683.	1.1	37
16	Enhanced expression of CD31/platelet endothelial cell adhesion molecule 1 (PECAM1) correlates with hypoxia inducible factor-1 alpha (HIF-1Î±) in human glioblastoma multiforme. Experimental Cell Research, 2015, 339, 407-416.	1.2	35
17	Antiproliferative Effects of PACAP and VIP in Serum-Starved Glioma Cells. Journal of Molecular Neuroscience, 2013, 51, 503-513.	1.1	34
18	The role of exercise on peripheral nerve regeneration: from animal model to clinical application. Heliyon, 2021, 7, e08281.	1.4	34

#	Article	IF	Citations
19	Mesenchymal stem cells-based therapy as a potential treatment in neurodegenerative disorders: is the escape from senescence an answer?. Neural Regeneration Research, 2015, 10, 850.	1.6	33
20	Davunetide (NAP) Protects the Retina Against Early Diabetic Injury by Reducing Apoptotic Death. Journal of Molecular Neuroscience, 2014, 54, 395-404.	1.1	31
21	Dopamine-3 receptor modulates intraocular pressure: Implications for glaucoma. Biochemical Pharmacology, 2012, 83, 680-686.	2.0	28
22	Dopamine D3 receptor-dependent changes in alpha6 GABAA subunit expression in striatum modulate anxiety-like behaviour: Responsiveness and tolerance to diazepam. European Neuropsychopharmacology, 2015, 25, 1427-1436.	0.3	28
23	PACAP Interacts with PAC1 Receptors to Induce Tissue Plasminogen Activator (tPA) Expression and Activity in Schwann Cell-Like Cultures. PLoS ONE, 2015, 10, e0117799.	1.1	28
24	PACAP and VIP affect NF1 expression in rat malignant peripheral nerve sheath tumor (MPNST) cells. Neuropeptides, 2010, 44, 45-51.	0.9	25
25	Evaluation of a Cell-Free Collagen Type I-Based Scaffold for Articular Cartilage Regeneration in an Orthotopic Rat Model. Materials, 2020, 13, 2369.	1.3	25
26	Dopamine D3 receptor deletion increases tissue plasminogen activator (tPA) activity in prefrontal cortex and hippocampus. Neuroscience, 2013, 250, 546-556.	1.1	22
27	Rapid GFAP and Iba1 expression changes in the female rat brain following spinal cord injury. Neural Regeneration Research, 2022, 17, 378.	1.6	22
28	Neuroprotective Effects of Physical Activity via the Adaptation of Astrocytes. Cells, 2021, 10, 1542.	1.8	20
29	Emerging Role of PACAP as a New Potential Therapeutic Target in Major Diabetes Complications. International Journal of Endocrinology, 2015, 2015, 1-11.	0.6	19
30	Tackling dipeptidyl peptidase IV in neurological disorders. Neural Regeneration Research, 2018, 13, 26.	1.6	19
31	Dopaminergic-GABAergic interplay and alcohol binge drinking. Pharmacological Research, 2019, 141, 384-391.	3.1	18
32	Brain CHID1 Expression Correlates with NRGN and CALB1 in Healthy Subjects and AD Patients. Cells, 2021, 10, 882.	1.8	18
33	Neurofibromin and Amyloid Precursor Protein Expression in Dopamine D3 Receptor Knock-Out Mice Brains. Neurochemical Research, 2011, 36, 426-434.	1.6	17
34	Genetic blockade of the dopamine D3 receptor enhances hippocampal expression of PACAP and receptors and alters their cortical distribution. Neuroscience, 2016, 316, 279-295.	1.1	17
35	Angiogenesis correlates with macrophage and mast cell infiltration in lung tissue of animals exposed to fluoro-edenite fibers. Experimental Cell Research, 2016, 346, 91-98.	1.2	14
36	PACAP and VIP expression in the periaqueductal grey of the rat following sciatic nerve constriction injury. Neuropeptides, 2019, 74, 60-69.	0.9	13

#	Article	IF	Citations
37	Assessing the Anti-Inflammatory Activity of the Anxiolytic Drug Buspirone Using CRISPR-Cas9 Gene Editing in LPS-Stimulated BV-2 Microglial Cells. Cells, 2021, 10, 1312.	1.8	13
38	Metformin Treatment Attenuates Brain Inflammation and Rescues PACAP/VIP Neuropeptide Alterations in Mice Fed a High-Fat Diet. International Journal of Molecular Sciences, 2021, 22, 13660.	1.8	12
39	PACAP and VIP Mitigate Rotenone-Induced Inflammation in BV-2 Microglial Cells. Journal of Molecular Neuroscience, 2022, 72, 2163-2175.	1.1	12
40	Expression profile of ErbB receptorâ€™s family in human alveolar type 2-like cell line A549 exposed to hexavalent chromium. Toxicology in Vitro, 2008, 22, 541-547.	1.1	11
41	Insights into the Role of Neuroinflammation in the Pathogenesis of Multiple Sclerosis. Journal of Functional Morphology and Kinesiology, 2018, 3, 13.	1.1	10
42	Hippocampal Neurofibromin and Amyloid Precursor Protein Expression in Dopamine D3 Receptor Knock-out Mice Following Passive Avoidance Conditioning. Neurochemical Research, 2013, 38, 564-572.	1.6	9
43	Mucin 1 (MUC1) signalling contributes to increase the resistance to cell death in human bronchial epithelial cells exposed to nickel acetate. BioMetals, 2014, 27, 1149-1158.	1.8	9
44	Identification of Dysregulated microRNA Networks in Schwann Cell-Like Cultures Exposed to Immune Challenge: Potential Crosstalk with the Protective VIP/PACAP Neuropeptide System. International Journal of Molecular Sciences, 2018, 19, 981.	1.8	9
45	The seeming paradox of adenosine receptors as targets for the treatment of Alzheimerâ€²s disease: agonists or antagonists?. Neural Regeneration Research, 2015, 10, 205.	1.6	9
46	Epidermal growth factor receptor (EGFR) and neuregulin (Neu) activation in human airway epithelial cells exposed to nickel acetate. Toxicology in Vitro, 2012, 26, 280-287.	1.1	8
47	PACAP and VIP Modulate LPS-Induced Microglial Activation and Trigger Distinct Phenotypic Changes in Murine BV2 Microglial Cells. International Journal of Molecular Sciences, 2021, 22, 10947.	1.8	8
48	Targeting the neurological comorbidities of multiple sclerosis: the beneficial effects of VIP and PACAP neuropeptides. Journal of Integrative Neuroscience, 2022, 21, 033.	0.8	7
49	The Anxiolytic Drug Buspirone Prevents Rotenone-Induced Toxicity in a Mouse Model of Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 1845.	1.8	7
50	Increased Hippocampal CREB Phosphorylation in Dopamine D3 Receptor Knockout Mice Following Passive Avoidance Conditioning. Neurochemical Research, 2013, 38, 2516-2523.	1.6	6
51	Exploring the Pro-Phagocytic and Anti-Inflammatory Functions of PACAP and VIP in Microglia: Implications for Multiple Sclerosis. International Journal of Molecular Sciences, 2022, 23, 4788.	1.8	6
52	Increased aquaporin 1 expression in the tunica albuginea of Peyronie's disease patients: an in vivo pilot study. Histology and Histopathology, 2016, 31, 1241-9.	0.5	5
53	Parkin Expression Profile in Dopamine D3 Receptor Knock-Out Mice Brains. Neurochemical Research, 2009, 34, 327-332.	1.6	4
54	Protective effect of the dopamine D3 receptor agonist (7-OH-PIPAT) against apoptosis in malignant peripheral nerve sheath tumor (MPNST) cells. International Journal of Oncology, 2010, 37, 927-34.	1.4	4

#	Article	IF	Citations
55	Robust Dopaminergic Differentiation and Enhanced LPS-Induced Neuroinflammatory Response in Serum-Deprived Human SH-SY5Y Cells: Implication for Parkinsonâ€™s Disease. Journal of Molecular Neuroscience, 2021, 71, 565-582.	1.1	4
56	Current knowledge of pituitary adenylate cyclase activating polypeptide (PACAP) in articular cartilage. Histology and Histopathology, 2020, 35, 1251-1262.	0.5	4
57	The â€œJournal of Functional Morphology and Kinesiologyâ€•Journal Club Series: Highlights on Recent Papers in Musculoskeletal Disorders. Journal of Functional Morphology and Kinesiology, 2017, 2, 10.	1.1	3
58	Doxycycline and Minocycline Act as Positive Allosteric Modulators of the PAC1 Receptor and Induce Plasminogen Activators in RT4 Schwann Cells. Applied Sciences (Switzerland), 2021, 11, 7673.	1.3	2
59	Effects of Exercise on Skeletal Muscle Pathophysiology in Huntingtonâ€™s Disease. Journal of Functional Morphology and Kinesiology, 2022, 7, 40.	1.1	2
60	Multiple Actions of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) in Schwann Cell Biology. Current Topics in Neurotoxicity, 2016, , 459-479.	0.4	1