

# Alessandro Castorina

## List of Publications by Citations

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57  
papers

1,120  
citations

20  
h-index

32  
g-index

62  
ext. papers

1,368  
ext. citations

4.3  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
57	Moderate Physical Activity as a Prevention Method for Knee Osteoarthritis and the Role of Synoviocytes as Biological Key. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	88
56	Ameliorative effects of PACAP against cartilage degeneration. Morphological, immunohistochemical and biochemical evidence from in vivo and in vitro models of rat osteoarthritis. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 5922-44	6.3	73
55	PACAP and VIP prevent apoptosis in schwannoma cells. <i>Brain Research</i> , <b>2008</b> , 1241, 29-35	3.7	58
54	Characterization of matrix metalloproteinase-2 and -9, ADAM-10 and N-cadherin expression in human glioblastoma multiforme. <i>Cell and Tissue Research</i> , <b>2015</b> , 362, 45-60	4.2	57
53	Early changes in pituitary adenylate cyclase-activating peptide, vasoactive intestinal peptide and related receptors expression in retina of streptozotocin-induced diabetic rats. <i>Peptides</i> , <b>2012</b> , 37, 32-9	3.8	52
52	Degenerative disc disease of herniated intervertebral discs is associated with extracellular matrix remodeling, vimentin-positive cells and cell death. <i>Annals of Anatomy</i> , <b>2011</b> , 193, 156-62	2.9	51
51	A correlation between intestinal microbiota dysbiosis and osteoarthritis. <i>Heliyon</i> , <b>2019</b> , 5, e01134	3.6	48
50	Ameliorative effect of PACAP and VIP against increased permeability in a model of outer blood retinal barrier dysfunction. <i>Peptides</i> , <b>2013</b> , 39, 119-24	3.8	47
49	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. <i>Experimental Cell Research</i> , <b>2014</b> , 322, 108-21	4.2	43
48	Dopamine D3 receptor is necessary for ethanol consumption: an approach with buspirone. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 2017-28	8.7	43
47	Effects of PACAP and VIP on hyperglycemia-induced proliferation in murine microvascular endothelial cells. <i>Peptides</i> , <b>2010</b> , 31, 2276-83	3.8	41
46	Dual blockade of the A1 and A2A adenosine receptor prevents amyloid beta toxicity in neuroblastoma cells exposed to aluminum chloride. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 54, 122-36	5.6	34
45	Involvement of PACAP/ADNP signaling in the resistance to cell death in malignant peripheral nerve sheath tumor (MPNST) cells. <i>Journal of Molecular Neuroscience</i> , <b>2012</b> , 48, 674-83	3.3	33
44	Antiproliferative effects of PACAP and VIP in serum-starved glioma cells. <i>Journal of Molecular Neuroscience</i> , <b>2013</b> , 51, 503-13	3.3	32
43	Early effects of aluminum chloride on beta-secretase mRNA expression in a neuronal model of beta-amyloid toxicity. <i>Cell Biology and Toxicology</i> , <b>2010</b> , 26, 367-77	7.4	31
42	Dopamine: an immune transmitter. <i>Neural Regeneration Research</i> , <b>2020</b> , 15, 2173-2185	4.5	29
41	Mesenchymal stem cells-based therapy as a potential treatment in neurodegenerative disorders: is the escape from senescence an answer?. <i>Neural Regeneration Research</i> , <b>2015</b> , 10, 850-8	4.5	27

40	PACAP and VIP affect NF1 expression in rat malignant peripheral nerve sheath tumor (MPNST) cells. <i>Neuropeptides</i> , <b>2010</b> , 44, 45-51	3.3	24
39	Davunetide (NAP) protects the retina against early diabetic injury by reducing apoptotic death. <i>Journal of Molecular Neuroscience</i> , <b>2014</b> , 54, 395-404	3.3	23
38	Dopamine D3 receptor-dependent changes in alpha6 GABAA subunit expression in striatum modulate anxiety-like behaviour: Responsiveness and tolerance to diazepam. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 1427-36	1.2	21
37	Enhanced expression of CD31/platelet endothelial cell adhesion molecule 1 (PECAM1) correlates with hypoxia inducible factor-1 alpha (HIF-1 $\alpha$ ) in human glioblastoma multiforme. <i>Experimental Cell Research</i> , <b>2015</b> , 339, 407-16	4.2	20
36	PACAP interacts with PAC1 receptors to induce tissue plasminogen activator (tPA) expression and activity in schwann cell-like cultures. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117799	3.7	19
35	Dopamine D $\alpha$ 1 receptor modulates intraocular pressure: implications for glaucoma. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 680-6	6	18
34	Dopamine D3 receptor deletion increases tissue plasminogen activator (tPA) activity in prefrontal cortex and hippocampus. <i>Neuroscience</i> , <b>2013</b> , 250, 546-56	3.9	17
33	Neurofibromin and amyloid precursor protein expression in dopamine D3 receptor knock-out mice brains. <i>Neurochemical Research</i> , <b>2011</b> , 36, 426-34	4.6	17
32	Evaluation of a Cell-Free Collagen Type I-Based Scaffold for Articular Cartilage Regeneration in an Orthotopic Rat Model. <i>Materials</i> , <b>2020</b> , 13,	3.5	16
31	Angiogenesis correlates with macrophage and mast cell infiltration in lung tissue of animals exposed to fluoro-edenite fibers. <i>Experimental Cell Research</i> , <b>2016</b> , 346, 91-8	4.2	13
30	Emerging Role of PACAP as a New Potential Therapeutic Target in Major Diabetes Complications. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 160928	2.7	12
29	Genetic blockade of the dopamine D3 receptor enhances hippocampal expression of PACAP and receptors and alters their cortical distribution. <i>Neuroscience</i> , <b>2016</b> , 316, 279-95	3.9	12
28	Tackling dipeptidyl peptidase IV in neurological disorders. <i>Neural Regeneration Research</i> , <b>2018</b> , 13, 26-34	4.5	11
27	Hippocampal neurofibromin and amyloid precursor protein expression in dopamine D3 receptor knock-out mice following passive avoidance conditioning. <i>Neurochemical Research</i> , <b>2013</b> , 38, 564-72	4.6	9
26	Mucin 1 (MUC1) signalling contributes to increase the resistance to cell death in human bronchial epithelial cells exposed to nickel acetate. <i>BioMetals</i> , <b>2014</b> , 27, 1149-58	3.4	9
25	Expression profile of ErbB receptor's family in human alveolar type 2-like cell line A549 exposed to hexavalent chromium. <i>Toxicology in Vitro</i> , <b>2008</b> , 22, 541-7	3.6	9
24	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , <b>2019</b> , 141, 384-391	10.2	7
23	The seeming paradox of adenosine receptors as targets for the treatment of Alzheimer's disease: agonists or antagonists?. <i>Neural Regeneration Research</i> , <b>2015</b> , 10, 205-7	4.5	7

22	PACAP and VIP expression in the periaqueductal grey of the rat following sciatic nerve constriction injury. <i>Neuropeptides</i> , <b>2019</b> , 74, 60-69	3.3	7
21	Identification of Dysregulated microRNA Networks in Schwann Cell-Like Cultures Exposed to Immune Challenge: Potential Crosstalk with the Protective VIP/PACAP Neuropeptide System. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	7
20	Epidermal growth factor receptor (EGFR) and neuregulin (Neu) activation in human airway epithelial cells exposed to nickel acetate. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 280-7	3.6	5
19	The role of exercise on peripheral nerve regeneration: from animal model to clinical application. <i>Heliyon</i> , <b>2021</b> , 7, e08281	3.6	5
18	Insights into the Role of Neuroinflammation in the Pathogenesis of Multiple Sclerosis. <i>Journal of Functional Morphology and Kinesiology</i> , <b>2018</b> , 3, 13	2.4	5
17	Increased aquaporin 1 expression in the tunica albuginea of Peyronie's disease patients: an in vivo pilot study. <i>Histology and Histopathology</i> , <b>2016</b> , 31, 1241-9	1.4	5
16	Increased hippocampal CREB phosphorylation in dopamine D3 receptor knockout mice following passive avoidance conditioning. <i>Neurochemical Research</i> , <b>2013</b> , 38, 2516-23	4.6	4
15	Protective effect of the dopamine D(3) receptor agonist (7-OH-PIPAT) against apoptosis in malignant peripheral nerve sheath tumor (MPNST) cells. <i>International Journal of Oncology</i> , <b>2010</b> , 37, 927-34	4.4	4
14	Parkin expression profile in dopamine d3 receptor knock-out mice brains. <i>Neurochemical Research</i> , <b>2009</b> , 34, 327-32	4.6	4
13	Current knowledge of pituitary adenylate cyclase activating polypeptide (PACAP) in articular cartilage. <i>Histology and Histopathology</i> , <b>2020</b> , 35, 1251-1262	1.4	4
12	Rapid GFAP and Iba1 expression changes in the female rat brain following spinal cord injury. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 378-385	4.5	4
11	Robust Dopaminergic Differentiation and Enhanced LPS-Induced Neuroinflammatory Response in Serum-Deprived Human SH-SY5Y Cells: Implication for Parkinson's Disease. <i>Journal of Molecular Neuroscience</i> , <b>2021</b> , 71, 565-582	3.3	3
10	Neuroprotective Effects of Physical Activity via the Adaptation of Astrocytes. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
9	Metformin Treatment Attenuates Brain Inflammation and Rescues PACAP/VIP Neuropeptide Alterations in Mice Fed a High-Fat Diet.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
8	PACAP and VIP Modulate LPS-Induced Microglial Activation and Trigger Distinct Phenotypic Changes in Murine BV2 Microglial Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
7	Multiple Actions of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) in Schwann Cell Biology. <i>Current Topics in Neurotoxicity</i> , <b>2016</b> , 459-479		1
6	Brain Expression Correlates with and in Healthy Subjects and AD Patients. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
5	Assessing the Anti-Inflammatory Activity of the Anxiolytic Drug Buspirone Using CRISPR-Cas9 Gene Editing in LPS-Stimulated BV-2 Microglial Cells. <i>Cells</i> , <b>2021</b> , 10,	7.9	1

4	Doxycycline and Minocycline Act as Positive Allosteric Modulators of the PAC1 Receptor and Induce Plasminogen Activators in RT4 Schwann Cells. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7673	2.6	1
3	PACAP and VIP Mitigate Rotenone-Induced Inflammation in BV-2 Microglial Cells.. <i>Journal of Molecular Neuroscience</i> , <b>2022</b> , 1	3.3	1
2	Targeting the neurological comorbidities of multiple sclerosis: the beneficial effects of VIP and PACAP neuropeptides.. <i>Journal of Integrative Neuroscience</i> , <b>2022</b> , 21, 33	1.5	0
1	Effects of Exercise on Skeletal Muscle Pathophysiology in Huntington's Disease. <i>Journal of Functional Morphology and Kinesiology</i> , <b>2022</b> , 7, 40	2.4	