

Davide Cervia

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3701724/davide-cervia-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

5,761
citations

29
h-index

74
g-index

74
ext. papers

6,603
ext. citations

5.8
avg, IF

4.58
L-index

#	Paper	IF	Citations
72	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
71	Interleukin 18 in the CNS. <i>Journal of Neuroinflammation</i> , 2010 , 7, 9	10.1	165
70	Distinct functional properties of native somatostatin receptor subtype 5 compared with subtype 2 in the regulation of ACTH release by corticotroph tumor cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E278-87	6	118
69	Expression, pharmacology, and functional role of somatostatin receptor subtypes 1 and 2 in human macrophages. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 845-55	6.5	93
68	The thyroid hormone triiodothyronine controls macrophage maturation and functions: protective role during inflammation. <i>American Journal of Pathology</i> , 2014 , 184, 230-47	5.8	72
67	Physiology and pathology of somatostatin in the mammalian retina: a current view. <i>Molecular and Cellular Endocrinology</i> , 2008 , 286, 112-22	4.4	59
66	An update on somatostatin receptor signaling in native systems and new insights on their pathophysiology 2007 , 116, 322-41		57
65	Nitric Oxide Generated by Tumor-Associated Macrophages Is Responsible for Cancer Resistance to Cisplatin and Correlated With Syntaxin 4 and Acid Sphingomyelinase Inhibition. <i>Frontiers in Immunology</i> , 2018 , 9, 1186	8.4	51
64	Deficient nitric oxide signalling impairs skeletal muscle growth and performance: involvement of mitochondrial dysregulation. <i>Skeletal Muscle</i> , 2014 , 4, 22	5.1	46
63	Vascular endothelial growth factor in the ischemic retina and its regulation by somatostatin. <i>Journal of Neurochemistry</i> , 2012 , 120, 818-29	6	44
62	Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas. <i>Journal of Neurochemistry</i> , 2008 , 106, 2224-35	6	43
61	Changes in neuronal response to ischemia in retinas with genetic alterations of somatostatin receptor expression. <i>European Journal of Neuroscience</i> , 2007 , 25, 1447-59	3.5	41
60	Genetic deletion of somatostatin receptor 1 alters somatostatinergic transmission in the mouse retina. <i>Neuropharmacology</i> , 2003 , 45, 1080-92	5.5	41
59	Somatostatin receptors differentially affect spontaneous epileptiform activity in mouse hippocampal slices. <i>European Journal of Neuroscience</i> , 2004 , 20, 2711-21	3.5	38
58	Pharmacological characterisation of native somatostatin receptors in AtT-20 mouse tumour corticotrophs. <i>British Journal of Pharmacology</i> , 2003 , 139, 109-21	8.6	37
57	An update on the assessment and management of metabolic syndrome, a growing medical emergency in paediatric populations. <i>Pharmacological Research</i> , 2017 , 119, 99-117	10.2	35
56	Autophagy-mediated neuroprotection induced by octreotide in an ex vivo model of early diabetic retinopathy. <i>Pharmacological Research</i> , 2018 , 128, 167-178	10.2	35

55	Skeletal muscle homeostasis in duchenne muscular dystrophy: modulating autophagy as a promising therapeutic strategy. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 188	5.3	35
54	Compensatory changes in the hippocampus of somatostatin knockout mice: upregulation of somatostatin receptor 2 and its function in the control of bursting activity and synaptic transmission. <i>European Journal of Neuroscience</i> , 2006 , 23, 2404-22	3.5	35
53	Cytotoxic effects and apoptotic signalling mechanisms of the sesquiterpenoid euplotin C, a secondary metabolite of the marine ciliate Euplotes crassus, in tumour cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 829-43	5.4	34
52	Natural products from aquatic eukaryotic microorganisms for cancer therapy: Perspectives on anti-tumour properties of ciliate bioactive molecules. <i>Pharmacological Research</i> , 2016 , 113, 409-420	10.2	33
51	Mapping of the full length and the truncated interleukin-18 receptor alpha in the mouse brain. <i>Journal of Neuroimmunology</i> , 2009 , 214, 43-54	3.5	33
50	Molecular mechanisms of euplotin C-induced apoptosis: involvement of mitochondrial dysfunction, oxidative stress and proteases. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007 , 12, 1349-63	5.4	33
49	Inhibitory control of growth hormone secretion by somatostatin in rat pituitary GC cells: sst(2) but not sst(1) receptors are coupled to inhibition of single-cell intracellular free calcium concentrations. <i>Neuroendocrinology</i> , 2002 , 76, 99-110	5.6	32
48	Biological activity of somatostatin receptors in GC rat tumour somatotrophs: evidence with sst1-sst5 receptor-selective nonpeptidyl agonists. <i>Neuropharmacology</i> , 2003 , 44, 672-85	5.5	31
47	Essential role for acid sphingomyelinase-inhibited autophagy in melanoma response to cisplatin. <i>Oncotarget</i> , 2016 , 7, 24995-5009	3.3	30
46	Climacostol reduces tumour progression in a mouse model of melanoma via the p53-dependent intrinsic apoptotic programme. <i>Scientific Reports</i> , 2016 , 6, 27281	4.9	30
45	Nitric oxide drives embryonic myogenesis in chicken through the upregulation of myogenic differentiation factors. <i>Experimental Cell Research</i> , 2014 , 320, 269-80	4.2	29
44	Native somatostatin sst2 and sst5 receptors functionally coupled to Gi/o-protein, but not to the serum response element in AtT-20 mouse tumour corticotrophs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 367, 578-87	3.4	29
43	Protective effects of the neuropeptides PACAP, substance P and the somatostatin analogue octreotide in retinal ischemia: a metabolomic analysis. <i>Molecular BioSystems</i> , 2014 , 10, 1290-304		28
42	Acid sphingomyelinase determines melanoma progression and metastatic behaviour via the microphthalmia-associated transcription factor signalling pathway. <i>Cell Death and Differentiation</i> , 2014 , 21, 507-20	12.7	28
41	Sphingolipids and brain resident macrophages in neuroinflammation: an emerging aspect of nervous system pathology. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 309302		28
40	Somatostatin-induced control of cytosolic free calcium in pituitary tumour cells. <i>British Journal of Pharmacology</i> , 2000 , 129, 471-84	8.6	28
39	The emerging role of acid sphingomyelinase in autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 635-44	5.4	27
38	Autophagy controls neonatal myogenesis by regulating the GH-IGF1 system through a NFE2L2- and DDIT3-mediated mechanism. <i>Autophagy</i> , 2019 , 15, 58-77	10.2	25

37	Somatostatin coupling to adenylyl cyclase activity in the mouse retina. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 370, 91-8	3.4	25
36	Somatostatin (SRIF) modulates distinct signaling pathways in rat pituitary tumor cells; negative coupling of SRIF receptor subtypes 1 and 2 to arachidonic acid release. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002 , 365, 200-9	3.4	25
35	Reversal of Defective Mitochondrial Biogenesis in Limb-Girdle Muscular Dystrophy 2D by Independent Modulation of Histone and PGC-1 α Acetylation. <i>Cell Reports</i> , 2016 , 17, 3010-3023	10.6	25
34	Binding and functional properties of the novel somatostatin analogue KE 108 at native mouse somatostatin receptors. <i>Neuropharmacology</i> , 2005 , 48, 881-93	5.5	24
33	The Beta Adrenergic Receptor Blocker Propranolol Counteracts Retinal Dysfunction in a Mouse Model of Oxygen Induced Retinopathy: Restoring the Balance between Apoptosis and Autophagy. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 395	6.1	22
32	Neuroprotective Peptides in Retinal Disease. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	18
31	Five-aminosalicylic Acid: an update for the reappraisal of an old drug. <i>Gastroenterology Research and Practice</i> , 2015 , 2015, 456895	2	18
30	Modulation of Acid Sphingomyelinase in Melanoma Reprogrammes the Tumour Immune Microenvironment. <i>Mediators of Inflammation</i> , 2015 , 2015, 370482	4.3	16
29	Current Evidence for a Role of Neuropeptides in the Regulation of Autophagy. <i>BioMed Research International</i> , 2017 , 2017, 5856071	3	15
28	The protein pheromone Er-1 of the ciliate <i>Euplotes raikovi</i> stimulates human T-cell activity: involvement of interleukin-2 system. <i>Experimental Cell Research</i> , 2013 , 319, 56-67	4.2	15
27	Comparison of functional profiles at human recombinant somatostatin sst2 receptor: simultaneous determination of intracellular Ca ²⁺ and luciferase expression in CHO-K1 cells. <i>British Journal of Pharmacology</i> , 2004 , 142, 150-60	8.6	15
26	Diabetic retinopathy: a matter of retinal ganglion cell homeostasis. <i>Neural Regeneration Research</i> , 2020 , 15, 1253-1254	4.5	15
25	Engineered nanoparticles of titanium dioxide (TiO ₂): Uptake and biological effects in a sea bass cell line. <i>Fish and Shellfish Immunology</i> , 2017 , 63, 53-67	4.3	14
24	Dysfunctional autophagy induced by the pro-apoptotic natural compound climacostol in tumour cells. <i>Cell Death and Disease</i> , 2018 , 10, 10	9.8	14
23	Drp1 overexpression induces desmin disassembling and drives kinesin-1 activation promoting mitochondrial trafficking in skeletal muscle. <i>Cell Death and Differentiation</i> , 2020 , 27, 2383-2401	12.7	11
22	The Natural Compound Climacostol as a Prodrug Strategy Based on pH Activation for Efficient Delivery of Cytotoxic Small Agents. <i>Frontiers in Chemistry</i> , 2019 , 7, 463	5	11
21	Divergences in the response to ultraviolet radiation between polar and non-polar ciliated protozoa: UV radiation effects in <i>Euplotes</i> . <i>Microbial Ecology</i> , 2012 , 63, 334-8	4.4	11
20	Hormones and immunity in cancer: are thyroid hormones endocrine players in the microglia/glioma cross-talk?. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 236	6.1	11

19	The secondary metabolite euplotin C induces apoptosis-like death in the marine ciliated protist <i>Euplotes vannus</i> . <i>Journal of Eukaryotic Microbiology</i> , 2009 , 56, 263-9	3.6	10
18	Action mechanisms of the secondary metabolite euplotin C: signaling and functional role in <i>Euplotes</i> . <i>Journal of Eukaryotic Microbiology</i> , 2008 , 55, 365-73	3.6	9
17	ALS skin fibroblasts reveal oxidative stress and ERK1/2-mediated cytoplasmic localization of TDP-43. <i>Cellular Signalling</i> , 2020 , 70, 109591	4.9	8
16	The cyclooxygenase-2/prostaglandin E2 pathway is involved in the somatostatin-induced decrease of epileptiform bursting in the mouse hippocampus. <i>Neuropharmacology</i> , 2008 , 54, 874-84	5.5	8
15	Multiple Signalling Transduction Mechanisms Differentially Coupled to Somatostatin Receptor Subtypes: A Current View. <i>Current Enzyme Inhibition</i> , 2005 , 1, 265-279	0.5	8
14	XIAP as a Target of New Small Organic Natural Molecules Inducing Human Cancer Cell Death. <i>Cancers</i> , 2019 , 11,	6.6	7
13	Bioactivity and Structural Properties of Novel Synthetic Analogues of the Protozoan Toxin Climacostol. <i>Toxins</i> , 2019 , 11,	4.9	7
12	Identification and functional characterization of loss-of-function mutations of the calcium-sensing receptor in four Italian kindreds with familial hypocalciuric hypercalcemia. <i>European Journal of Endocrinology</i> , 2009 , 160, 481-9	6.5	7
11	Recent advances in cellular and molecular aspects of mammalian retinal ischemia. <i>World Journal of Pharmacology</i> , 2012 , 1, 30	1.8	6
10	Defects of full-length dystrophin trigger retinal neuron damage and synapse alterations by disrupting functional autophagy. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 1615-1636	10.3	5
9	Retinal damage in a new model of hyperglycemia induced by high-sucrose diets. <i>Pharmacological Research</i> , 2021 , 166, 105488	10.2	4
8	Acid Sphingomyelinase Downregulation Enhances Mitochondrial Fusion and Promotes Oxidative Metabolism in a Mouse Model of Melanoma. <i>Cells</i> , 2020 , 9,	7.9	4
7	Givinostat as metabolic enhancer reverting mitochondrial biogenesis deficit in Duchenne Muscular Dystrophy. <i>Pharmacological Research</i> , 2021 , 170, 105751	10.2	4
6	The β isoenzyme of Ca(2+)/calmodulin-dependent kinase type II as possible mediator of somatostatin functions in pituitary tumour cells. <i>General Physiology and Biophysics</i> , 2011 , 30, 251-62	2.1	3
5	Natural Function and Structural Modification of Climacostol, a Ciliate Secondary Metabolite. <i>Microorganisms</i> , 2020 , 8,	4.9	1
4	Oxidative Stress and Autophagy as Key Targets in Melanoma Cell Fate. <i>Cancers</i> , 2021 , 13,	6.6	1
3	A <i>Drosophila</i> perspective on retina functions and dysfunctions. <i>Neural Regeneration Research</i> , 2022 , 17, 341-343	4.5	1
2	Receptors on Autonomic Neurons and Neuroeffector Cells: Peptidergic Receptors 2017 ,		

1 Macrophage differentiation and functional polarization: role of thyroid hormones. *FASEB Journal*, **2012**, 26, 715.6

0.9