Davide Cervia

List of Publications by Year in Descending Order

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	A Drosophila perspective on retina functions and dysfunctions. *Neural Regeneration Research*, **2022**, 17, 341-343	4.5	1
71	Oxidative Stress and Autophagy as Key Targets in Melanoma Cell Fate. *Cancers*, **2021**, 13,	6.6	1
70	Retinal damage in a new model of hyperglycemia induced by high-sucrose diets. *Pharmacological Research*, **2021**, 166, 105488	10.2	4
69	Defects of full-length dystrophin trigger retinal neuron damage and synapse alterations by disrupting functional autophagy. *Cellular and Molecular Life Sciences*, **2021**, 78, 1615-1636	10.3	5
68	Givinostat as metabolic enhancer reverting mitochondrial biogenesis deficit in Duchenne Muscular Dystrophy. *Pharmacological Research*, **2021**, 170, 105751	10.2	4
67	Natural Function and Structural Modification of Climacostol, a Ciliate Secondary Metabolite. *Microorganisms*, **2020**, 8,	4.9	1
66	ALS skin fibroblasts reveal oxidative stress and ERK1/2-mediated cytoplasmic localization of TDP-43. *Cellular Signalling*, **2020**, 70, 109591	4.9	8
65	Drp1 overexpression induces desmin disassembling and drives kinesin-1 activation promoting mitochondrial trafficking in skeletal muscle. *Cell Death and Differentiation*, **2020**, 27, 2383-2401	12.7	11
64	Diabetic retinopathy: a matter of retinal ganglion cell homeostasis. *Neural Regeneration Research*, **2020**, 15, 1253-1254	4.5	15
63	Acid Sphingomyelinase Downregulation Enhances Mitochondrial Fusion and Promotes Oxidative Metabolism in a Mouse Model of Melanoma. *Cells*, **2020**, 9,	7.9	4
62	XIAP as a Target of New Small Organic Natural Molecules Inducing Human Cancer Cell Death. *Cancers*, **2019**, 11,	6.6	7
61	Bioactivity and Structural Properties of Novel Synthetic Analogues of the Protozoan Toxin Climacostol. *Toxins*, **2019**, 11,	4.9	7
60	Autophagy controls neonatal myogenesis by regulating the GH-IGF1 system through a NFE2L2- and DDIT3-mediated mechanism. *Autophagy*, **2019**, 15, 58-77	10.2	25
59	Neuroprotective Peptides in Retinal Disease. *Journal of Clinical Medicine*, **2019**, 8,	5.1	18
58	The Natural Compound Climacostol as a Prodrug Strategy Based on pH Activation for Efficient Delivery of Cytotoxic Small Agents. *Frontiers in Chemistry*, **2019**, 7, 463	5	11
57	Autophagy-mediated neuroprotection induced by octreotide in an ex vivo model of early diabetic retinopathy. *Pharmacological Research*, **2018**, 128, 167-178	10.2	35
56	Nitric Oxide Generated by Tumor-Associated Macrophages Is Responsible for Cancer Resistance to Cisplatin and Correlated With Syntaxin 4 and Acid Sphingomyelinase Inhibition. *Frontiers in Immunology*, **2018**, 9, 1186	8.4	51

55	Dysfunctional autophagy induced by the pro-apoptotic natural compound climacostol in tumour cells. *Cell Death and Disease*, **2018**, 10, 10	9.8	14
54	An update on the assessment and management of metabolic syndrome, a growing medical emergency in paediatric populations. *Pharmacological Research*, **2017**, 119, 99-117	10.2	35
53	Engineered nanoparticles of titanium dioxide (TIO): Uptake and biological effects in a sea bass cell line. *Fish and Shellfish Immunology*, **2017**, 63, 53-67	4.3	14
52	Current Evidence for a Role of Neuropeptides in the Regulation of Autophagy. *BioMed Research International*, **2017**, 2017, 5856071	3	15
51	The Beta Adrenergic Receptor Blocker Propranolol Counteracts Retinal Dysfunction in a Mouse Model of Oxygen Induced Retinopathy: Restoring the Balance between Apoptosis and Autophagy. *Frontiers in Cellular Neuroscience*, **2017**, 11, 395	6.1	22
50	Receptors on Autonomic Neurons and Neuroeffector Cells: Peptidergic Receptors **2017**,		
49	Natural products from aquatic eukaryotic microorganisms for cancer therapy: Perspectives on anti-tumour properties of ciliate bioactive molecules. *Pharmacological Research*, **2016**, 113, 409-420	10.2	33
48	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
47	Essential role for acid sphingomyelinase-inhibited autophagy in melanoma response to cisplatin. *Oncotarget*, **2016**, 7, 24995-5009	3.3	30
46	Reversal of Defective Mitochondrial Biogenesis in Limb-Girdle Muscular Dystrophy 2D by Independent Modulation of Histone and PGC-1 Acetylation. *Cell Reports*, **2016**, 17, 3010-3023	10.6	25
45	Climacostol reduces tumour progression in a mouse model of melanoma via the p53-dependent intrinsic apoptotic programme. *Scientific Reports*, **2016**, 6, 27281	4.9	30
44	The emerging role of acid sphingomyelinase in autophagy. *Apoptosis: an International Journal on Programmed Cell Death*, **2015**, 20, 635-44	5.4	27
43	Hormones and immunity in cancer: are thyroid hormones endocrine players in the microglia/glioma cross-talk?. *Frontiers in Cellular Neuroscience*, **2015**, 9, 236	6.1	11
42	Five-aminosalicylic Acid: an update for the reappraisal of an old drug. *Gastroenterology Research and Practice*, **2015**, 2015, 456895	2	18
41	Modulation of Acid Sphingomyelinase in Melanoma Reprogrammes the Tumour Immune Microenvironment. *Mediators of Inflammation*, **2015**, 2015, 370482	4.3	16
40	Nitric oxide drives embryonic myogenesis in chicken through the upregulation of myogenic differentiation factors. *Experimental Cell Research*, **2014**, 320, 269-80	4.2	29
39	Protective effects of the neuropeptides PACAP, substance P and the somatostatin analogue octreotide in retinal ischemia: a metabolomic analysis. *Molecular BioSystems*, **2014**, 10, 1290-304		28
38	Skeletal muscle homeostasis in duchenne muscular dystrophy: modulating autophagy as a promising therapeutic strategy. *Frontiers in Aging Neuroscience*, **2014**, 6, 188	5.3	35

37	Acid sphingomyelinase determines melanoma progression and metastatic behaviour via the microphtalmia-associated transcription factor signalling pathway. *Cell Death and Differentiation*, **2014**, 21, 507-20	12.7	28
36	Deficient nitric oxide signalling impairs skeletal muscle growth and performance: involvement of mitochondrial dysregulation. *Skeletal Muscle*, **2014**, 4, 22	5.1	46
35	The thyroid hormone triiodothyronine controls macrophage maturation and functions: protective role during inflammation. *American Journal of Pathology*, **2014**, 184, 230-47	5.8	72
34	The protein pheromone Er-1 of the ciliate Euplotes raikovi stimulates human T-cell activity: involvement of interleukin-2 system. *Experimental Cell Research*, **2013**, 319, 56-67	4.2	15
33	Sphingolipids and brain resident macrophages in neuroinflammation: an emerging aspect of nervous system pathology. *Clinical and Developmental Immunology*, **2013**, 2013, 309302		28
32	Divergences in the response to ultraviolet radiation between polar and non-polar ciliated protozoa: UV radiation effects in Euplotes. *Microbial Ecology*, **2012**, 63, 334-8	4.4	11
31	Vascular endothelial growth factor in the ischemic retina and its regulation by somatostatin. *Journal of Neurochemistry*, **2012**, 120, 818-29	6	44
30	Recent advances in cellular and molecular aspects of mammalian retinal ischemia. *World Journal of Pharmacology*, **2012**, 1, 30	1.8	6
29	Macrophage differentiation and functional polarization: role of thyroid hormones. *FASEB Journal*, **2012**, 26, 715.6	0.9	
28	The □soenzyme of Ca(2+)/calmodulin-dependent kinase type II as possible mediator of somatostatin functions in pituitary tumour cells. *General Physiology and Biophysics*, **2011**, 30, 251-62	2.1	3
27	Interleukin 18 in the CNS. *Journal of Neuroinflammation*, **2010**, 7, 9	10.1	165
26	Identification and functional characterization of loss-of-function mutations of the calcium-sensing receptor in four Italian kindreds with familial hypocalciuric hypercalcemia. *European Journal of Endocrinology*, **2009**, 160, 481-9	6.5	7
25	Mapping of the full length and the truncated interleukin-18 receptor alpha in the mouse brain. *Journal of Neuroimmunology*, **2009**, 214, 43-54	3.5	33
24	The secondary metabolite euplotin C induces apoptosis-like death in the marine ciliated protist Euplotes vannus. *Journal of Eukaryotic Microbiology*, **2009**, 56, 263-9	3.6	10
23	Modulation of the neuronal response to ischaemia by somatostatin analogues in wild-type and knock-out mouse retinas. *Journal of Neurochemistry*, **2008**, 106, 2224-35	6	43
22	The cyclooxygenase-2/prostaglandin E2 pathway is involved in the somatostatin-induced decrease of epileptiform bursting in the mouse hippocampus. *Neuropharmacology*, **2008**, 54, 874-84	5.5	8
21	Physiology and pathology of somatostatin in the mammalian retina: a current view. *Molecular and Cellular Endocrinology*, **2008**, 286, 112-22	4.4	59
20	Action mechanisms of the secondary metabolite euplotin C: signaling and functional role in Euplotes. *Journal of Eukaryotic Microbiology*, **2008**, 55, 365-73	3.6	9

19	Changes in neuronal response to ischemia in retinas with genetic alterations of somatostatin receptor expression. *European Journal of Neuroscience*, **2007**, 25, 1447-59	3.5	41
18	An update on somatostatin receptor signaling in native systems and new insights on their pathophysiology **2007**, 116, 322-41		57
17	Molecular mechanisms of euplotin C-induced apoptosis: involvement of mitochondrial dysfunction, oxidative stress and proteases. *Apoptosis: an International Journal on Programmed Cell Death*, **2007**, 12, 1349-63	5.4	33
16	Expression, pharmacology, and functional role of somatostatin receptor subtypes 1 and 2 in human macrophages. *Journal of Leukocyte Biology*, **2007**, 81, 845-55	6.5	93
15	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. *European Journal of Neuroscience*, **2006**, 23, 2404-22	3.5	35
14	Cytotoxic effects and apoptotic signalling mechanisms of the sesquiterpenoid euplotin C, a secondary metabolite of the marine ciliate Euplotes crassus, in tumour cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2006**, 11, 829-43	5.4	34
13	Binding and functional properties of the novel somatostatin analogue KE 108 at native mouse somatostatin receptors. *Neuropharmacology*, **2005**, 48, 881-93	5.5	24
12	Distinct functional properties of native somatostatin receptor subtype 5 compared with subtype 2 in the regulation of ACTH release by corticotroph tumor cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2005**, 289, E278-87	6	118
11	Multiple Signalling Transduction Mechanisms Differentially Coupled to Somatostatin Receptor Subtypes: A Current View. *Current Enzyme Inhibition*, **2005**, 1, 265-279	0.5	8
10	Somatostatin receptors differentially affect spontaneous epileptiform activity in mouse hippocampal slices. *European Journal of Neuroscience*, **2004**, 20, 2711-21	3.5	38
9	Comparison of functional profiles at human recombinant somatostatin sst2 receptor: simultaneous determination of intracellular Ca2+ and luciferase expression in CHO-K1 cells. *British Journal of Pharmacology*, **2004**, 142, 150-60	8.6	15
8	Somatostatin coupling to adenylyl cyclase activity in the mouse retina. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2004**, 370, 91-8	3.4	25
7	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. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2003**, 367, 578-87	3.4	29
6	Pharmacological characterisation of native somatostatin receptors in AtT-20 mouse tumour corticotrophs. *British Journal of Pharmacology*, **2003**, 139, 109-21	8.6	37
5	Biological activity of somatostatin receptors in GC rat tumour somatotrophs: evidence with sst1-sst5 receptor-selective nonpeptidyl agonists. *Neuropharmacology*, **2003**, 44, 672-85	5.5	31
4	Genetic deletion of somatostatin receptor 1 alters somatostatinergic transmission in the mouse retina. *Neuropharmacology*, **2003**, 45, 1080-92	5.5	41
3	Somatostatin (SRIF) modulates distinct signaling pathways in rat pituitary tumor cells; negative coupling of SRIF receptor subtypes 1 and 2 to arachidonic acid release. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2002**, 365, 200-9	3.4	25
2	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. *Neuroendocrinology*, **2002**, 76, 99-110	5.6	32

1	Somatostatin-induced control of cytosolic free calcium in pituitary tumour cells. *British Journal of Pharmacology*, **2000**, 129, 471-84	8.6	28