

Roberta Imperatore

List of Publications by Citations

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

38 papers	970 citations	17 h-index	30 g-index
38 ext. papers	1,190 ext. citations	7.2 avg, IF	3.77 L-index

#	Paper	IF	Citations
38	Neural precursor cells induce cell death of high-grade astrocytomas through stimulation of TRPV1. <i>Nature Medicine</i> , 2012 , 18, 1232-8	50.5	121
37	Obesity-driven synaptic remodeling affects endocannabinoid control of orexinergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2229-38	11.5	107
36	TRPV1-dependent and -independent alterations in the limbic cortex of neuropathic mice: impact on glial caspases and pain perception. <i>Cerebral Cortex</i> , 2012 , 22, 2495-518	5.1	73
35	The A1 adenosine receptor as a new player in microglia physiology. <i>Glia</i> , 2014 , 62, 122-32	9	71
34	The dual blocker of FAAH/TRPV1 N-arachidonoylserotonin reverses the behavioral despair induced by stress in rats and modulates the HPA-axis. <i>Pharmacological Research</i> , 2014 , 87, 151-9	10.2	54
33	Orexin-A represses satiety-inducing POMC neurons and contributes to obesity via stimulation of endocannabinoid signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4759-64	11.5	54
32	Genetic deletion of monoacylglycerol lipase leads to impaired cannabinoid receptor CB1 signaling and anxiety-like behavior. <i>Journal of Neurochemistry</i> , 2015 , 135, 799-813	6	45
31	Age-Related Changes in D-Aspartate Oxidase Promoter Methylation Control Extracellular D-Aspartate Levels and Prevent Precocious Cell Death during Brain Aging. <i>Journal of Neuroscience</i> , 2016 , 36, 3064-78	6.6	39
30	Orexin-A and Endocannabinoid Activation of the Descending Antinociceptive Pathway Underlies Altered Pain Perception in Leptin Signaling Deficiency. <i>Neuropsychopharmacology</i> , 2016 , 41, 508-20	8.7	38
29	Pharmacological inhibition of MAGL attenuates experimental colon carcinogenesis. <i>Pharmacological Research</i> , 2017 , 119, 227-236	10.2	38
28	Negative Regulation of Leptin-induced Reactive Oxygen Species (ROS) Formation by Cannabinoid CB1 Receptor Activation in Hypothalamic Neurons. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13669-77	5.4	36
27	d-Aspartate oxidase influences glutamatergic system homeostasis in mammalian brain. <i>Neurobiology of Aging</i> , 2015 , 36, 1890-902	5.6	32
26	A re-evaluation of 9-HODE activity at TRPV1 channels in comparison with anandamide: enantioselectivity and effects at other TRP channels and in sensory neurons. <i>British Journal of Pharmacology</i> , 2012 , 167, 1643-51	8.6	31
25	Role of Orexin-A in Hypertension and Obesity. <i>Current Hypertension Reports</i> , 2017 , 19, 34	4.7	27
24	The cannabinoid receptor type 2 as mediator of mesenchymal stromal cell immunosuppressive properties. <i>PLoS ONE</i> , 2013 , 8, e80022	3.7	24
23	Ultra-micronized palmitoylethanolamide rescues the cognitive decline-associated loss of neural plasticity in the neuropathic mouse entorhinal cortex-dentate gyrus pathway. <i>Neurobiology of Disease</i> , 2019 , 121, 106-119	7.5	23
22	Palmitoylethanolamide counteracts substance P-induced mast cell activation in vitro by stimulating diacylglycerol lipase activity. <i>Journal of Neuroinflammation</i> , 2019 , 16, 274	10.1	21

21	Free d-aspartate triggers NMDA receptor-dependent cell death in primary cortical neurons and perturbs JNK activation, Tau phosphorylation, and protein SUMOylation in the cerebral cortex of mice lacking d-aspartate oxidase activity. <i>Experimental Neurology</i> , 2019 , 317, 51-65	5.7	17
20	Influence of polyphenols from olive mill wastewater on the gastrointestinal tract, alveolar macrophages and blood leukocytes of pigs. <i>Italian Journal of Animal Science</i> , 2019 , 18, 574-586	2.2	14
19	Overlapping Distribution of Orexin and Endocannabinoid Receptors and Their Functional Interaction in the Brain of Adult Zebrafish. <i>Frontiers in Neuroanatomy</i> , 2018 , 12, 62	3.6	14
18	Imidazole-stabilized gold nanoparticles induce neuronal apoptosis: an in vitro and in vivo study. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1436-46	5.4	13
17	Explants of Oncorhynchus mykiss intestine to detect bioactive molecules uptake and metabolic effects: Applications in aquaculture. <i>Aquaculture</i> , 2019 , 506, 193-204	4.4	11
16	The excitatory/inhibitory input to orexin/hypocretin neuron soma undergoes day/night reorganization. <i>Brain Structure and Function</i> , 2017 , 222, 3847-3859	4	10
15	Formation of OX-1R/CB1R heteromeric complexes in embryonic mouse hypothalamic cells: Effect on intracellular calcium, 2-arachidonoyl-glycerol biosynthesis and ERK phosphorylation. <i>Pharmacological Research</i> , 2016 , 111, 600-609	10.2	9
14	Protective Effects of -Oleoylglycine in a Mouse Model of Mild Traumatic Brain Injury. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1117-1128	5.7	6
13	Immunochemical Localization of GABA Receptor Subunits in the Freshwater Polyp Hydra vulgaris (Cnidaria, Hydrozoa). <i>Neurochemical Research</i> , 2016 , 41, 2914-2922	4.6	5
12	Role of 2-Arachidonoyl-Glycerol and CB1 Receptors in Orexin-A-Mediated Prevention of Oxygen-Glucose Deprivation-Induced Neuronal Injury. <i>Cells</i> , 2020 , 9,	7.9	4
11	Identification of Orexin and Endocannabinoid Receptors in Adult Zebrafish Using Immunoperoxidase and Immunofluorescence Methods. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	4
10	Techniques for the Cellular and Subcellular Localization of Endocannabinoid Receptors and Enzymes in the Mammalian Brain. <i>Methods in Enzymology</i> , 2017 , 593, 61-98	1.7	4
9	Phytocompounds vs. Dental Plaque Bacteria: Effects of Myrtle and Pomegranate Polyphenolic Extracts Against Single-Species and Multispecies Oral Biofilms. <i>Frontiers in Microbiology</i> , 2020 , 11, 592265	5.7	4
8	Orexin-A/Hypocretin-1 Controls the VTA-NAc Mesolimbic Pathway via Endocannabinoid-Mediated Disinhibition of Dopaminergic Neurons in Obese Mice. <i>Frontiers in Synaptic Neuroscience</i> , 2021 , 13, 622405	3.5	4
7	Role of Orexin-B/Orexin 2 receptor in myocardial protection. <i>Clinical Science</i> , 2019 , 133, 853-857	6.5	3
6	Orexin-A and endocannabinoids are involved in obesity-associated alteration of hippocampal neurogenesis, plasticity, and episodic memory in mice. <i>Nature Communications</i> , 2021 , 12, 6137	17.4	3
5	The Endocannabinoid System in Leptin-Driven Changes of Orexinergic Signaling Under Physiological and Pathological Conditions 2017 , 1-26		3
4	Immunohistochemical Analysis of Intestinal and Central Nervous System Morphology in an Obese Animal Model () Treated with 3,5-T2: A Possible Farm Management Practice?. <i>Animals</i> , 2020 , 10,	3.1	3

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| 3 | Evidence for leptin receptor immunoreactivity in the gastrointestinal tract and gastric leptin regulation in the rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Annals of Anatomy</i> , 2018 , 220, 70-78 | 2.9 | 2 |
| 2 | A cross-talk between leptin and 17 β -estradiol in vitellogenin synthesis in rainbow trout <i>Oncorhynchus mykiss</i> liver. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 331-344 | 2.7 | 2 |
| 1 | Chestnut Shell Tannins: Effects on Intestinal Inflammation and Dysbiosis in Zebrafish. <i>Animals</i> , 2021 , 11, | 3.1 | 1 |