

Claudio Coddou

List of Publications by Year in descending order

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26
papers

1,140
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1467
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation and Regulation of Purinergic P2X Receptor Channels. <i>Pharmacological Reviews</i> , 2011, 63, 641-683.	16.0	434
2	Prenatal to Early Postnatal Nicotine Exposure Impairs Central Chemoreception and Modifies Breathing Pattern in Mouse Neonates: A Probable Link to Sudden Infant Death Syndrome. <i>Journal of Neuroscience</i> , 2008, 28, 13907-13917.	3.6	74
3	Differential role of extracellular histidines in copper, zinc, magnesium and proton modulation of the P2X7 purinergic receptor. <i>Journal of Neurochemistry</i> , 2006, 101, 17-26.	3.9	72
4	Allosteric modulation of ATP-gated P2X receptor channels. <i>Reviews in the Neurosciences</i> , 2011, 22, 335-354.	2.9	64
5	Histidine 140 Plays a Key Role in the Inhibitory Modulation of the P2X4 Nucleotide Receptor by Copper but Not Zinc. <i>Journal of Biological Chemistry</i> , 2003, 278, 36777-36785.	3.4	47
6	Small Molecule Positive Allosteric Modulation of TRPV1 Activation by Vanilloids and Acidic pH. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 152-160.	2.5	44
7	Dissecting the Facilitator and Inhibitor Allosteric Metal Sites of the P2X4 Receptor Channel. <i>Journal of Biological Chemistry</i> , 2007, 282, 36879-36886.	3.4	40
8	Trace metals in the brain: allosteric modulators of ligand-gated receptor channels, the case of ATP-gated P2X receptors. <i>European Biophysics Journal</i> , 2008, 37, 301-314.	2.2	35
9	Characterization of the antagonist actions of 5-BDBD at the rat P2X4 receptor. <i>Neuroscience Letters</i> , 2019, 690, 219-224.	2.1	35
10	Extracellular histidine residues identify common structural determinants in the copper/zinc P2X2 receptor modulation. <i>Journal of Neurochemistry</i> , 2005, 95, 499-512.	3.9	33
11	Gating properties of the P2X2a and P2X2b receptor channels: Experiments and mathematical modeling. <i>Journal of General Physiology</i> , 2012, 139, 333-348.	1.9	32
12	Heavy metals modulate the activity of the purinergic P2X4 receptor. <i>Toxicology and Applied Pharmacology</i> , 2005, 202, 121-131.	2.8	31
13	Reactive Oxygen Species Potentiate the P2X2 Receptor Activity through Intracellular Cys430. <i>Journal of Neuroscience</i> , 2009, 29, 12284-12291.	3.6	31
14	Action of nereistoxin on recombinant neuronal nicotinic acetylcholine receptors expressed in <i>Xenopus laevis</i> oocytes. <i>Invertebrate Neuroscience</i> , 2003, 5, 29-35.	1.8	23
15	Formation of carnosine-Cu(II) complexes prevents and reverts the inhibitory action of copper in P2X4 and P2X7 receptors. <i>Journal of Neurochemistry</i> , 2002, 80, 626-633.	3.9	22
16	Tonotopic action potential tuning of maturing auditory neurons through endogenous ATP. <i>Journal of Physiology</i> , 2017, 595, 1315-1337.	2.9	22
17	Molecular Characterization and Expression Analysis of ATP-Gated P2X7 Receptor Involved in Japanese Flounder (<i>Paralichthys olivaceus</i>) Innate Immune Response. <i>PLoS ONE</i> , 2014, 9, e96625.	2.5	19
18	Regulation of ATP-Gated P2X Channels: From Redox Signaling to Interactions with Other Proteins. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 953-970.	5.4	16

#	ARTICLE	IF	CITATIONS
19	Autocrine and paracrine purinergic signaling in the most lethal types of cancer. <i>Purinergic Signalling</i> , 2021, 17, 345-370.	2.2	15
20	Cyclin-dependent kinase 5 modulates the P2X2a receptor channel gating through phosphorylation of C-terminal threonine 372. <i>Pain</i> , 2017, 158, 2155-2168.	4.2	14
21	The release of sympathetic neurotransmitters is impaired in aged rats after an inflammatory stimulus: A possible link between cytokine production and sympathetic transmission. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 728-734.	4.6	13
22	The ω -3 fatty acid docosahexaenoic acid selectively induces apoptosis in tumor-derived cells and suppress tumor growth in gastric cancer. <i>European Journal of Pharmacology</i> , 2021, 896, 173910.	3.5	10
23	Role of domain calcium in purinergic P2X2 receptor channel desensitization. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C729-C736.	4.6	8
24	Divalent metal modulation of Japanese flounder (<i>Paralichthys olivaceus</i>) purinergic P2X7 receptor. <i>FEBS Open Bio</i> , 2018, 8, 383-389.	2.3	3
25	Opposing Roles of Calcium and Intracellular ATP on Gating of the Purinergic P2X2 Receptor Channel. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1161.	4.1	2
26	Itch in Lichen simplex chronicus is associated with localized small fibre neuropathy.. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.7	1