

Vittorio Vellani

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,704
citations

623734

14
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1890
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein kinase C activation potentiates gating of the vanilloid receptor VR1 by capsaicin, protons, heat and anandamide. <i>Journal of Physiology</i> , 2001, 534, 813-825.	2.9	453
2	Plant-Derived Cannabinoids Modulate the Activity of Transient Receptor Potential Channels of Ankyrin Type-1 and Melastatin Type-8. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 1007-1015.	2.5	283
3	Anandamide acts as an intracellular messenger amplifying Ca ²⁺ influx via TRPV1 channels. <i>EMBO Journal</i> , 2005, 24, 3026-3037.	7.8	210
4	Ion channels gated by heat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7658-7663.	7.1	160
5	Impaired Nociception and Inflammatory Pain Sensation in Mice Lacking the Prokineticin Receptor PKR1: Focus on Interaction between PKR1 and the Capsaicin Receptor TRPV1 in Pain Behavior. <i>Journal of Neuroscience</i> , 2006, 26, 6716-6727.	3.6	128
6	Sensitization of Transient Receptor Potential Vanilloid 1 by the Prokineticin Receptor Agonist Bv8. <i>Journal of Neuroscience</i> , 2006, 26, 5109-5116.	3.6	93
7	Functional bradykinin B1 receptors are expressed in nociceptive neurones and are upregulated by the neurotrophin GDNF. <i>Journal of Physiology</i> , 2004, 560, 391-401.	2.9	89
8	Protease Activated Receptors 1 and 4 Sensitize TRPV1 in Nociceptive Neurones. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-61.	2.1	69
9	Functional lipidomics. Calcium-independent activation of endocannabinoid/endovanilloid lipid signalling in sensory neurons by protein kinases C and A and thrombin. <i>Neuropharmacology</i> , 2008, 55, 1274-1279.	4.1	44
10	Modulation of the synaptic Ca ²⁺ current in salamander photoreceptors by polyunsaturated fatty acids and retinoids. <i>Journal of Physiology</i> , 2000, 529, 333-344.	2.9	33
11	Anandamide acts as an intracellular messenger amplifying Ca ²⁺ influx via TRPV1 channels. <i>EMBO Journal</i> , 2005, 24, 3517-3518.	7.8	18
12	Functional endothelin receptors are selectively expressed in isolectin B4-negative sensory neurons and are upregulated in isolectin B4-positive neurons by neurturin and glia-derived neurotrophic factor. <i>Brain Research</i> , 2011, 1381, 31-37.	2.2	16
13	Effects of NSAIDs and paracetamol (acetaminophen) on protein kinase C epsilon translocation and on substance P synthesis and release in cultured sensory neurons. <i>Journal of Pain Research</i> , 2013, 6, 111.	2.0	16
14	Manipulation of synaptic sign and strength with divalent cations in the vertebrate retina: pushing the limits of tonic, chemical neurotransmission. <i>European Journal of Neuroscience</i> , 1999, 11, 4134-4138.	2.6	14
15	Abnormal Pain Sensation in Mice Lacking the Prokineticin Receptor PKR2: Interaction of PKR2 with Transient Receptor Potential TRPV1 and TRPA1. <i>Neuroscience</i> , 2020, 427, 16-28.	2.3	14
16	Effects of NSAIDs on the Release of Calcitonin Gene-Related Peptide and Prostaglandin E ₂ from Rat Trigeminal Ganglia. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7.	3.0	12
17	Turnover Rate and Number of Na ⁺ -Ca ²⁺ , K ⁺ Exchange Sites in Retinal Photoreceptors. <i>Annals of the New York Academy of Sciences</i> , 1996, 779, 346-355.	3.8	11
18	Effects of ketamine anesthesia on central nociceptive processing in the rat: a 2-deoxyglucose study. <i>Neuroscience</i> , 2004, 125, 485-494.	2.3	10

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19	Gabapentin Inhibits Protein Kinase C Epsilon Translocation in Cultured Sensory Neurons with Additive Effects When Coapplied with Paracetamol (Acetaminophen). Scientific World Journal, The, 2017, 2017, 1-7.	2.1	9
20	CR4056, a powerful analgesic imidazoline α 2 receptor ligand, inhibits the inflammation α induced PKC μ phosphorylation and membrane translocation in sensory neurons. British Journal of Pharmacology, 2020, 177, 48-64.	5.4	8
21	Nimesulide inhibits protein kinase C epsilon and substance P in sensory neurons – comparison with paracetamol. Journal of Pain Research, 2011, 4, 177.	2.0	7
22	On the key role played by altered protein conformation in Parkinson α TM's disease. Journal of Neural Transmission, 2008, 115, 1285-1299.	2.8	6
23	Cone-Like Rectification Properties of cGMP-Gated Channels in Transmuted Retinal Photoreceptors of Nocturnal Geckoes. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	1
24	The Cellular and Molecular Basis of the Detection of Pain. Cell and Molecular Response To Stress, 2002, , 105-119.	0.4	0