Sabatino Maione

List of Publications by Year
in descending order

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76 papers	4,827 citations	61687 45 h-index	107981 68 g-index
76 all docs	76 docs citations	76 times ranked	5778 citing authors

#	Article	IF	Citations
1	Long-term neuropathic pain behaviors correlate with synaptic plasticity and limbic circuit alteration: a comparative observational study in mice. Pain, 2022, 163, 1590-1602.	2.0	16
2	Cannabidiol in traumatic brain injury. , 2022, , 463-475.		1
3	Adenosine Metabotropic Receptors in Chronic Pain Management. Frontiers in Pharmacology, 2021, 12, 651038.	1.6	10
4	Altered gut microbiota and endocannabinoid system tone in vitamin D deficiency-mediated chronic pain. Brain, Behavior, and Immunity, 2020, 85, 128-141.	2.0	76
5	Behavioral, Biochemical and Electrophysiological Changes in Spared Nerve Injury Model of Neuropathic Pain. International Journal of Molecular Sciences, 2020, 21, 3396.	1.8	60
6	Treatment With 2-Pentadecyl-2-Oxazoline Restores Mild Traumatic Brain Injury-Induced Sensorial and Neuropsychiatric Dysfunctions. Frontiers in Pharmacology, 2020, 11, 91.	1.6	15
7	Oral Cannabidiol Prevents Allodynia and Neurological Dysfunctions in a Mouse Model of Mild Traumatic Brain Injury. Frontiers in Pharmacology, 2019, 10, 352.	1.6	44
8	Cannabidiol modulates serotonergic transmission and reverses both allodynia and anxiety-like behavior in a model of neuropathic pain. Pain, 2019, 160, 136-150.	2.0	239
9	Structure-Based Design, Synthesis, and In Vivo Antinociceptive Effects of Selective A₁ Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2018, 61, 305-318.	2.9	9
10	Group II Metabotropic Glutamate Receptors: Role in Pain Mechanisms and Pain Modulation. Frontiers in Molecular Neuroscience, 2018, 11, 383.	1.4	44
11	Allodynia Lowering Induced by Cannabinoids and Endocannabinoids (ALICE). Pharmacological Research, 2017, 119, 272-277.	3.1	22
12	d -Aspartic acid ameliorates painful and neuropsychiatric changes and reduces Î²-amyloid AÎ² 1-42 peptide in a long lasting model of neuropathic pain. Neuroscience Letters, 2017, 651, 151-158.	1.0	33
13	Exploring the Role of N⁶-Substituents in Potent Dual Acting 5â€²-C-Ethyltetrazolyladenosine Derivatives: Synthesis, Binding, Functional Assays, and Antinociceptive Effects in Mice. Journal of Medicinal Chemistry, 2017, 60, 4327-4341.	2.9	15
14	Supraspinal Metabotropic Glutamate Receptors: An Endogenous Substrate for Alleviating Chronic Pain and Related Affective Disorders. Receptors, 2017, , 15-31.	0.2	1
15	d-Aspartate drinking solution alleviates pain and cognitive impairment in neuropathic mice. Amino Acids, 2016, 48, 1553-1567.	1.2	47
16	MMPIP, an mGluR7-selective negative allosteric modulator, alleviates pain and normalizes affective and cognitive behavior in neuropathic mice. Pain, 2015, 156, 1060-1073.	2.0	56
17	Exposure to Allergen Causes Changes in NTS Neural Activities after Intratracheal Capsaicin Application, in Endocannabinoid Levels and in the Glia Morphology of NTS. BioMed Research International, 2015, 2015, 1-10.	0.9	22
18	Endogenous adenosine A3 receptor activation selectively alleviates persistent pain states. Brain, 2015, 138, 28-35.	3.7	120

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19	Effects of metabolites of the analgesic agent dipyrone (metamizol) on rostral ventromedial medulla cell activity in mice. European Journal of Pharmacology, 2015, 748, 115-122.	1.7	24
20	Enhanced serotonin and mesolimbic dopamine transmissions in a rat model of neuropathic pain. Neuropharmacology, 2015, 97, 383-393.	2.0	68
21	Selective melatonin MT2 receptor ligands relieve neuropathic pain through modulation of brainstem descending antinociceptive pathways. Pain, 2015, 156, 305-317.	2.0	68
22	Dorsal striatum metabotropic glutamate receptor 8 affects nocifensive responses and rostral ventromedial medulla cell activity in neuropathic pain conditions. Journal of Neurophysiology, 2014, 111, 2196-2209.	0.9	33
23	Endocannabinoids and neuropathic pain: focus on neuronâ€“glia and endocannabinoidâ€“neurotrophin interactions. European Journal of Neuroscience, 2014, 39, 401-408.	1.2	55
24	The 17-Î²-oestradiol inhibits osteoclast activity by increasing the cannabinoid CB2 receptor expression. Pharmacological Research, 2013, 68, 7-15.	3.1	29
25	Piperazinyl carbamate fatty acid amide hydrolase inhibitors and transient receptor potential channel modulators as â€œdual-targetâ€•analgesics. Pharmacological Research, 2013, 76, 98-105.	3.1	29
26	Endocannabinoids: A unique opportunity to develop multitarget analgesics. Pain, 2013, 154, S87-S93.	2.0	83
27	Role of metabotropic glutamate receptor 1 in the basolateral amygdala-driven prefrontal cortical deactivation in inflammatory pain in the rat. Neuropharmacology, 2013, 66, 317-329.	2.0	51
28	Endogenous Modulators of TRP Channels. Current Topics in Medicinal Chemistry, 2013, 13, 398-407.	1.0	29
29	TRPV1-Dependent and -Independent Alterations in the Limbic Cortex of Neuropathic Mice: Impact on Glial Caspases and Pain Perception. Cerebral Cortex, 2012, 22, 2495-2518.	1.6	88
30	Autism Spectrum Disorders: Is Mesenchymal Stem Cell Personalized Therapy the Future?. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-6.	3.0	41
31	Transient receptor potential vanilloid type 1 and pain development. Current Opinion in Pharmacology, 2012, 12, 9-17.	1.7	71
32	Palvanil, a non-pungent capsaicin analogue, inhibits inflammatory and neuropathic pain with little effects on bronchopulmonary function and body temperature. Pharmacological Research, 2012, 66, 243-250.	3.1	18
33	Changes in Cannabinoid Receptor Subtype 1 Activity and Interaction with Metabotropic Glutamate Subtype 5 Receptors in the Periaqueductal Gray- Rostral Ventromedial Medulla Pathway in a Rodent Neuropathic Pain Model. CNS and Neurological Disorders - Drug Targets, 2012, 11, 148-161.	0.8	26
34	The Expression of Caspases is Enhanced in Peripheral Blood Mononuclear Cells of Autism Spectrum Disorder Patients. Journal of Autism and Developmental Disorders, 2012, 42, 1403-1410.	1.7	63
35	Investigations on the 4â€Quinoloneâ€3â€Carboxylic Acid Motif Partâ€…5: Modulation of the Physicochemical Profile of a Set of Potent and Selective Cannabinoidâ€2 Receptor Ligands through a Bioisosteric Approach. ChemMedChem, 2012, 7, 920-934.	1.6	27
36	Effects of intra-ventrolateral periaqueductal grey palmitoylethanolamide on thermoceptive threshold and rostral ventromedial medulla cell activity. European Journal of Pharmacology, 2012, 676, 41-50.	1.7	51

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37	Intravenous neural stem cells abolish nociceptive hypersensitivity and trigger nerve regeneration in experimental neuropathy. Pain, 2012, 153, 850-861.	2.0	72
38	Discovery of Prostamide F2Î± and Its Role in Inflammatory Pain and Dorsal Horn Nociceptive Neuron Hyperexcitability. PLoS ONE, 2012, 7, e31111.	1.1	91
39	The endovanilloid/endocannabinoid system: A new potential target for osteoporosis therapy. Bone, 2011, 48, 997-1007.	1.4	55
40	Differential effects of mGluR7 and mGluR8 activation on pain-related synaptic activity in the amygdala. Neuropharmacology, 2011, 61, 1334-1344.	2.0	38
41	Long-Lasting Effects of Human Mesenchymal Stem Cell Systemic Administration on Pain-Like Behaviors, Cellular, and Biomolecular Modifications in Neuropathic Mice. Frontiers in Integrative Neuroscience, 2011, 5, 79.	1.0	94
42	Nonâ€psychoactive cannabinoids modulate the descending pathway of antinociception in anaesthetized rats through several mechanisms of action. British Journal of Pharmacology, 2011, 162, 584-596.	2.7	130
43	The galactosylation of NÏ‰-nitro-L-arginine enhances its anti-nocifensive or anti-allodynic effects by targeting glia in healthy and neuropathic mice. European Journal of Pharmacology, 2011, 656, 52-62.	1.7	14
44	The Blockade of the Transient Receptor Potential Vanilloid Type 1 and Fatty Acid Amide Hydrolase Decreases Symptoms and Central Sequelae in the Medial Prefrontal Cortex of Neuropathic Rats. Molecular Pain, 2011, 7, 1744-8069-7-7.	1.0	75
45	Metabotropic Glutamate Receptor Subtype 8 in the Amygdala Modulates Thermal Threshold, Neurotransmitter Release, and Rostral Ventromedial Medulla Cell Activity in Inflammatory Pain. Journal of Neuroscience, 2011, 31, 4687-4697.	1.7	52
46	Role of Neurotrophins in Neuropathic Pain. Current Neuropharmacology, 2011, 9, 523-529.	1.4	84
47	Intra-brain microinjection of human mesenchymal stem cells decreases allodynia in neuropathic mice. Cellular and Molecular Life Sciences, 2010, 67, 655-669.	2.4	91
48	The plant cannabinoid Î”⁹â€tetrahydrocannabivarin can decrease signs of inflammation and inflammatory pain in mice. British Journal of Pharmacology, 2010, 160, 677-687.	2.7	112
49	The Role of Cannabinoid Receptors in the Descending Modulation of Pain. Pharmaceuticals, 2010, 3, 2661-2673.	1.7	48
50	Investigations on the 4-Quinolone-3-carboxylic Acid Motif. 3. Synthesis, Structureâ€'Affinity Relationships, and Pharmacological Characterization of 6-Substituted 4-Quinolone-3-carboxamides as Highly Selective Cannabinoid-2 Receptor Ligands. Journal of Medicinal Chemistry, 2010, 53, 5915-5928.	2.9	43
51	Moving towards Supraspinal TRPV1 Receptors for Chronic Pain Relief. Molecular Pain, 2010, 6, 1744-8069-6-66.	1.0	62
52	Functional Interaction Between TRPV1 and Î¼-Opioid Receptors in the Descending Antinociceptive Pathway Activates Glutamate Transmission and Induces Analgesia. Journal of Neurophysiology, 2009, 101, 2411-2422.	0.9	50
53	Forebrain pain mechanisms. Brain Research Reviews, 2009, 60, 226-242.	9.1	302
54	TRPV1 channels control synaptic plasticity in the developing superior colliculus. Journal of Physiology, 2009, 587, 2521-2535.	1.3	85

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55	A single subcutaneous injection of ozone prevents allodynia and decreases the over-expression of pro-inflammatory caspases in the orbito-frontal cortex of neuropathic mice. European Journal of Pharmacology, 2009, 603, 42-49.	1.7	56
56	Intraperiaqueductal Gray Glycine and <scp>d</scp>-Serine Exert Dual Effects on Rostral Ventromedial Medulla <scp>on</scp>- and <scp>off</scp>-Cell Activity and Thermoceptive Threshold in the Rat. Journal of Neurophysiology, 2009, 102, 3169-3179.	0.9	7
57	Involvement of subtype 1 metabotropic glutamate receptors in apoptosis and caspase-7 over-expression in spinal cord of neuropathic rats. Pharmacological Research, 2008, 57, 223-233.	3.1	24
58	Role of TRPV1 receptors in descending modulation of pain. Molecular and Cellular Endocrinology, 2008, 286, S79-S83.	1.6	81
59	Group III mGluR7 and mGluR8 in the amygdala differentially modulate nocifensive and affective pain behaviors. Neuropharmacology, 2008, 55, 537-545.	2.0	99
60	The analgesic effect of N-arachidonoyl-serotonin, a FAAH inhibitor and TRPV1 receptor antagonist, associated with changes in rostral ventromedial medulla and locus coeruleus cell activity in rats. Neuropharmacology, 2008, 55, 1105-1113.	2.0	46
61	Apoptotic gene expression in neuropathic pain. Nature Precedings, 2008, , .	0.1	0
62	Molecular Approaches for Neuropathic Pain Treatment. Current Medicinal Chemistry, 2007, 14, 1783-1787.	1.2	36
63	Tonic Endovanilloid Facilitation of Glutamate Release in Brainstem Descending Antinociceptive Pathways. Journal of Neuroscience, 2007, 27, 13739-13749.	1.7	152
64	Changes in spinal and supraspinal endocannabinoid levels in neuropathic rats. Neuropharmacology, 2007, 52, 415-422.	2.0	209
65	Role of reactive oxygen species and spinal cord apoptotic genes in the development of neuropathic pain. Pharmacological Research, 2007, 55, 158-166.	3.1	98
66	New N-Arachidonoylserotonin Analogues with Potential â€œDualâ€•Mechanism of Action against Pain. Journal of Medicinal Chemistry, 2007, 50, 6554-6569.	2.9	58
67	Periaqueductal Gray Metabotropic Glutamate Receptor Subtype 7 and 8 Mediate Opposite Effects on Amino Acid Release, Rostral Ventromedial Medulla Cell Activities, and Thermal Nociception. Journal of Neurophysiology, 2007, 98, 43-53.	0.9	65
68	The prokineticin receptor agonist Bv8 increases GABA release in the periaqueductal grey and modifies RVM cell activities and thermoceptive reflexes in the rat. European Journal of Neuroscience, 2007, 26, 3068-3078.	1.2	14
69	AM404, an inhibitor of anandamide uptake, prevents pain behaviour and modulates cytokine and apoptotic pathways in a rat model of neuropathic pain. British Journal of Pharmacology, 2006, 148, 1022-1032.	2.7	89
70	Elevation of Endocannabinoid Levels in the Ventrolateral Periaqueductal Grey through Inhibition of Fatty Acid Amide Hydrolase Affects Descending Nociceptive Pathways via Both Cannabinoid Receptor Type 1 and Transient Receptor Potential Vanilloid Type-1 Receptors. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 969-982.	1.3	260
71	Blockade of glutamate mGlu5 receptors in a rat model of neuropathic pain prevents early over-expression of pro-apoptotic genes and morphological changes in dorsal horn lamina II. Neuropharmacology, 2004, 46, 468-479.	2.0	78
72	Group I metabotropic glutamate receptors modulate glutamate and Î³-aminobutyric acid release in the periaqueductal grey of rats. European Journal of Pharmacology, 2003, 462, 73-81.	1.7	46

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73	Apoptotic genes expression in the lumbar dorsal horn in a model neuropathic pain in rat. NeuroReport, 2002, 13, 101-106.	0.6	47
74	Interaction between vanilloid and glutamate receptors in the central modulation of nociception. European Journal of Pharmacology, 2002, 439, 69-75.	1.7	120
75	Characterisation of mGluRs which modulate nociception in the PAG of the mouse. Neuropharmacology, 1998, 37, 1475-1483.	2.0	59
76	New Insights on Neuropathic Pain Mechanisms as a Source for Novel Therapeutical Strategies. , 0, , .		1