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List of Publications by Year
in descending order

52 papers	2,095 citations	201674 27 h-index	233421 45 g-index
52 all docs	52 docs citations	52 times ranked	1798 citing authors

#	Article	IF	Citations
1	Pharmacological properties of S1RA, a new sigmaâ€1 receptor antagonist that inhibits neuropathic pain and activityâ€induced spinal sensitization. British Journal of Pharmacology, 2012, 166, 2289-2306.	5.4	159
2	Sigma-1 receptors regulate activity-induced spinal sensitization and neuropathic pain after peripheral nerve injury. Pain, 2009, 145, 294-303.	4.2	154
3	Formalin-induced pain is reduced in Ïƒ1 receptor knockout mice. European Journal of Pharmacology, 2005, 511, 73-74.	3.5	127
4	5-HT7 receptor activation inhibits mechanical hypersensitivity secondary to capsaicin sensitization in mice. Pain, 2009, 141, 239-247.	4.2	126
5	Role of Sigma-1 Receptors in Paclitaxel-Induced Neuropathic Pain in Mice. Journal of Pain, 2012, 13, 1107-1121.	1.4	111
6	Subgroups among Î¼â€opioid receptor agonists distinguished by ATPâ€sensitive K⁺ channelâ€acting drugs. British Journal of Pharmacology, 1995, 114, 1296-1302.	5.4	76
7	Antinociceptive effects of haloperidol and its metabolites in the formalin test in mice. Psychopharmacology, 2005, 182, 485-493.	3.1	75
8	Modulation of PeripheralÎ¼-Opioid Analgesia byÏƒ₁Receptors. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 32-45.	2.5	74
9	Phenytoin differentially modulates the affinity of agonist and antagonist ligands for ?1 receptors of guinea pig brain. Synapse, 2005, 55, 192-195.	1.2	68
10	Potentiation of morphine-induced mechanical antinociception by Ïƒ1 receptor inhibition: Role of peripheral Ïƒ1 receptors. Neuropharmacology, 2013, 70, 348-358.	4.1	63
11	Visceral and somatic pain modalities reveal Na_V1.7â€independent visceral nociceptive pathways. Journal of Physiology, 2017, 595, 2661-2679.	2.9	61
12	Irreversible blockade of sigma-1 receptors by haloperidol and its metabolites in guinea pig brain and SH-SY5Y human neuroblastoma cells. Journal of Neurochemistry, 2007, 102, 812-825.	3.9	59
13	Differential effects of K⁺ channel blockers on antinociception induced by Î±₂â€adrenoceptor, GABA_B and Î¹â€opioid receptor agonists. British Journal of Pharmacology, 1993, 110, 1049-1054.	5.4	57
14	Antagonism by haloperidol and its metabolites of mechanical hypersensitivity induced by intraplantar capsaicin in mice: role of sigma-1 receptors. Psychopharmacology, 2009, 205, 21-33.	3.1	57
15	Genetic Inactivation and Pharmacological Blockade of Sigma-1 Receptors Prevent Paclitaxel-Induced Sensory-Nerve Mitochondrial Abnormalities and Neuropathic Pain in Mice. Molecular Pain, 2014, 10, 1744-8069-10-11.	2.1	56
16	The NMDA receptor antagonist dizocilpine (MK-801) stereoselectively inhibits morphine-induced place preference conditioning in mice. Psychopharmacology, 1996, 125, 209-213.	3.1	54
17	Sigma-1 receptor inhibition reverses acute inflammatory hyperalgesia in mice: role of peripheral sigma-1 receptors. Psychopharmacology, 2014, 231, 3855-3869.	3.1	54
18	Ïƒ1Receptors Are Involved in the Visceral Pain Induced by Intracolonic Administration of Capsaicin in Mice. Anesthesiology, 2013, 118, 691-700.	2.5	42

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19	Analgesic effects of diltiazem and verapamil after central and peripheral administration in the hot-plate test. General Pharmacology, 1990, 21, 681-685.	0.7	41
20	Sigmaâ€1 receptors control neuropathic pain and macrophage infiltration into the dorsal root ganglion after peripheral nerve injury. FASEB Journal, 2020, 34, 5951-5966.	0.5	40
21	A novel nanoformulation of PLGA with high non-ionic surfactant content improves in vitro and in vivo PTX activity against lung cancer. Pharmacological Research, 2019, 141, 451-465.	7.1	39
22	Sigma-1 receptors control immune-driven peripheral opioid analgesia during inflammation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8396-8401.	7.1	33
23	Sigma-1 Receptor Inhibition Reduces Neuropathic Pain Induced by Partial Sciatic Nerve Transection in Mice by Opioid-Dependent and -Independent Mechanisms. Frontiers in Pharmacology, 2019, 10, 613.	3.5	33
24	Differential effects of L-type calcium channel blockers and stimulants on naloxone-precipitated withdrawal in mice acutely dependent on morphine. Psychopharmacology, 1991, 104, 397-403.	3.1	32
25	Paclitaxel antitumor effect improvement in lung cancer and prevention of the painful neuropathy using large pegylated cationic liposomes. Biomedicine and Pharmacotherapy, 2021, 133, 111059.	5.6	32
26	Antiallodynic and Analgesic Effects of Maslinic Acid, a Pentacyclic Triterpenoid from Olea europaea. Journal of Natural Products, 2013, 76, 737-740.	3.0	30
27	Role of Na+,K+-ATPase in Morphine-Induced Antinociception. Journal of Pharmacology and Experimental Therapeutics, 2003, 306, 1122-1128.	2.5	28
28	Analgesic effects of centrally administered aminoglycoside antibiotics in mice. Neuroscience Letters, 1991, 126, 67-70.	2.1	26
29	Dose-dependent and stereoselective antagonism by diltiazem of naloxone-precipitated morphine abstinence after acute morphine-dependence and. Life Sciences, 1988, 43, 1523-1527.	4.3	24
30	Mechanisms involved in morphine-induced activation of synaptosomal Na+,K+-ATPase. Brain Research, 2002, 957, 311-319.	2.2	23
31	Paclitaxel-loaded hollow-poly(4-vinylpyridine) nanoparticles enhance drug chemotherapeutic efficacy in lung and breast cancer cell lines. Nano Research, 2017, 10, 856-875.	10.4	22
32	Modality-specific peripheral antinociceptive effects of Î¼-opioid agonists on heat and mechanical stimuli: Contribution of sigma-1 receptors. Neuropharmacology, 2018, 135, 328-342.	4.1	22
33	Effects of serine/threonine protein phosphatase inhibitors on morphine-induced antinociception in the tail flick test in mice. European Journal of Pharmacology, 2003, 465, 53-60.	3.5	19
34	Differences in the allosteric modulation by phenytoin of the binding properties of the Ïƒ1 ligands [3H](+)-pentazocine and [3H]NE-100. Synapse, 2006, 59, 152-161.	1.2	19
35	DIFFERENTIAL EFFECTS OF CALCIUM CHANNEL BLOCKING AGENTS ON PANCURONIUM- AND SUXAMETHONIUM-INDUCED NEUROMUSCULAR BLOCKADE. British Journal of Anaesthesia, 1988, 60, 495-499.	3.4	18
36	Interactions between Calcium Channel Blockers and Nonâ€Cardiovascular Drugs: Interactions with Drugs Acting at the Neurornuscular or the CNS Level. Basic and Clinical Pharmacology and Toxicology, 1988, 62, 59-63.	0.0	15

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37	Centrally administered aminoglycoside antibiotics antagonize naloxone-precipitated withdrawal in mice acutely dependent on morphine. Neuroscience Letters, 1992, 145, 189-192.	2.1	13
38	Mild Social Stress in Mice Produces Opioid-Mediated Analgesia in Visceral but Not Somatic Pain States. Journal of Pain, 2017, 18, 716-725.	1.4	13
39	Effects of Potassium Channel Openers on Pentylenetetrazoleâ€Induced Seizures in Mice. Basic and Clinical Pharmacology and Toxicology, 1990, 67, 182-184.	0.0	10
40	Gentamicin Ototoxicity in Otoconia: Quantitative Electron Probe X-ray Microanalysis. Acta Oto-Laryngologica, 1994, 114, 18-23.	0.9	10
41	Urinary bladder sigma-1 receptors: A new target for cystitis treatment. Pharmacological Research, 2020, 155, 104724.	7.1	10
42	Interactions between Calcium Channel Blockers and Nonâ€Cardiovascular Drugs: Interactions with Anticancer Drugs. Basic and Clinical Pharmacology and Toxicology, 1988, 63, 1-7.	0.0	9
43	Electron probe microanalysis of gentamicin-induced changes on ionic composition of the vestibular gelatinous membrane. Hearing Research, 1994, 76, 60-66.	2.0	9
44	Inhibitors of serine/threonine protein phosphatases antagonize the antinociception induced by agonists of Î±2 adrenoceptors and GABAB but not Îº-opioid receptors in the tail flick test in mice. Pain, 2005, 114, 212-220.	4.2	9
45	Changes in morphine-induced activation of cerebral Na+,K+-ATPase during morphine tolerance: Biochemical and behavioral consequences. Biochemical Pharmacology, 2012, 83, 1572-1581.	4.4	8
46	Sigma-1 receptors do not regulate calcium influx through voltage-dependent calcium channels in mouse brain synaptosomes. European Journal of Pharmacology, 2012, 677, 102-106.	3.5	7
47	Use of Very-Low-Dose Methadone and Haloperidol for Pain Control in Palliative Care Patients: Are the Sigma-1 Receptors Involved?. Journal of Palliative Medicine, 2015, 18, 660-660.	1.1	7
48	Rate of L-type calcium channels on yohimbine-precipitated clonidine withdrawal in vivo and in vitro. Naunyn-Schmiedeberg's Archives of Pharmacology, 1993, 348, 601-607.	3.0	6
49	Intracolonic Mustard Oil Induces Visceral Pain in Mice by TRPA1-Dependent and -Independent Mechanisms: Role of Tissue Injury and P2X Receptors. Frontiers in Pharmacology, 2020, 11, 613068.	3.5	6
50	Comparison of the Effects of Calcium and the Calcium Channel Stimulant Bay k 8644 on Neomycinâ€Induced Neuromuscular Blockade. Basic and Clinical Pharmacology and Toxicology, 1989, 65, 398-401.	0.0	5
51	The antinociceptive effect of morphine is reversed by okadaic acid in morphine-naive but not in morphine-tolerant mice. Pharmacology Biochemistry and Behavior, 2007, 86, 21-26.	2.9	3
52	Evaluation of poly (lactic-co-glycolic acid) nanoparticles to improve the therapeutic efficacy of paclitaxel in breast cancer. BioImpacts, 2022, , .	1.5	1