Joao Batista Calixto

List of Publications by Year
in descending order

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329 papers	17,537 citations	14644 66 h-index	24232 110 g-index
335 all docs	335 docs citations	335 times ranked	18013 citing authors

#	Article	IF	Citations
1	Anti-inflammatory effects of compounds alpha-humulene and (â^')-trans-caryophyllene isolated from the essential oil of Cordia verbenacea. European Journal of Pharmacology, 2007, 569, 228-236.	1.7	421
2	A review of the plants of the genusPhyllanthus: Their chemistry, pharmacology, and therapeutic potential. , 1998, 18, 225-258.		345
3	Anti-Inflammatory Compounds of Plant Origin. Part II. Modulation of Pro-Inflammatory Cytokines, Chemokines and Adhesion Molecules. Planta Medica, 2004, 70, 93-103.	0.7	345
4	Twenty-five years of research on medicinal plants in Latin America. Journal of Ethnopharmacology, 2005, 100, 131-134.	2.0	286
5	Mechanisms underlying the nociception and paw oedema caused by injection of glutamate into the mouse paw. Brain Research, 2002, 924, 219-228.	1.1	285
6	Naturally occurring antinociceptive substances from plants. Phytotherapy Research, 2000, 14, 401-418.	2.8	283
7	Connecting TNF-Â Signaling Pathways to iNOS Expression in a Mouse Model of Alzheimer's Disease: Relevance for the Behavioral and Synaptic Deficits Induced by Amyloid Â Protein. Journal of Neuroscience, 2007, 27, 5394-5404.	1.7	265
8	Depressive-like behavior induced by tumor necrosis factor-Î± in mice. Neuropharmacology, 2012, 62, 419-426.	2.0	252
9	Medicinal plants in Brazil: Pharmacological studies, drug discovery, challenges and perspectives. Pharmacological Research, 2016, 112, 4-29.	3.1	250
10	Kinins in pain and inflammation. Pain, 2000, 87, 1-5.	2.0	248
11	Anti-Inflammatory Compounds of Plant Origin. Part I. Action on Arachidonic Acid Pathway, Nitric Oxide and Nuclear Factor Îº B (NF-Îº B). Planta Medica, 2003, 69, 973-983.	0.7	240
12	The role of natural products in modern drug discovery.. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20190105.	0.3	238
13	Evidence for participation of B₁ and B₂ kinin receptors in formalinâ€induced nociceptive response in the mouse. British Journal of Pharmacology, 1993, 110, 193-198.	2.7	233
14	Kinin B1 receptors: key G-protein-coupled receptors and their role in inflammatory and painful processes. British Journal of Pharmacology, 2004, 143, 803-818.	2.7	224
15	Omega-3 Fatty Acid-Derived Mediators 17(R)-Hydroxy Docosahexaenoic Acid, Aspirin-Triggered Resolvin D1 and Resolvin D2 Prevent Experimental Colitis in Mice. Journal of Immunology, 2011, 187, 1957-1969.	0.4	222
16	Î²-Caryophyllene Inhibits Dextran Sulfate Sodium-Induced Colitis in Mice through CB2 Receptor Activation and PPARÎ³ Pathway. American Journal of Pathology, 2011, 178, 1153-1166.	1.9	201
17	Anti-inflammatory and anti-allergic properties of the essential oil and active compounds from Cordia verbenacea. Journal of Ethnopharmacology, 2007, 110, 323-333.	2.0	190
18	The involvement of the transient receptor potential A1 (TRPA1) in the maintenance of mechanical and cold hyperalgesia in persistent inflammation. Pain, 2010, 148, 431-437.	2.0	189

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19	The precursor of resolvin D series and aspirin-triggered resolvin D1 display anti-hyperalgesic properties in adjuvant-induced arthritis in rats. British Journal of Pharmacology, 2011, 164, 278-293.	2.7	175
20	Involvement of monoaminergic system in the antidepressant-like effect of the hydroalcoholic extract of Siphocampylus verticillatus. Life Sciences, 2002, 70, 1347-1358.	2.0	168
21	Melatonin exerts an antidepressant-like effect in the tail suspension test in mice: evidence for involvement of N-methyl-d-aspartate receptors and the l-arginine-nitric oxide pathway. Neuroscience Letters, 2003, 343, 1-4.	1.0	168
22	Maresin 1, a Proresolving Lipid Mediator Derived from Omega-3 Polyunsaturated Fatty Acids, Exerts Protective Actions in Murine Models of Colitis. Journal of Immunology, 2013, 191, 4288-4298.	0.4	167
23	Contribution of vanilloid receptors to the overt nociception induced by B2 kinin receptor activation in mice. British Journal of Pharmacology, 2004, 141, 787-794.	2.7	165
24	Involvement of NMDA receptors and l-arginine-nitric oxide pathway in the antidepressant-like effects of zinc in mice. Behavioural Brain Research, 2003, 144, 87-93.	1.2	164
25	Contribution of natural products to the discovery of the transient receptor potential (TRP) channels family and their functions. , 2005, 106, 179-208.		162
26	Anti-inflammatory lipoxin A ₄ is an endogenous allosteric enhancer of CB ₁ cannabinoid receptor. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21134-21139.	3.3	161
27	Caffeic Acid Derivatives: In Vitro and In Vivo Anti-inflammatory Properties. Free Radical Research, 2004, 38, 1241-1253.	1.5	153
28	Anti-inflammatory effect of quercetin-loaded microemulsion in the airways allergic inflammatory model in mice. Pharmacological Research, 2010, 61, 288-297.	3.1	153
29	Effects of central administration of tachykinin receptor agonists and antagonists on plus-maze behavior in mice. European Journal of Pharmacology, 1996, 311, 7-14.	1.7	150
30	Analysis of the Antinociceptive Effect of the Flavonoid Myricitrin: Evidence for a Role of the l-Arginine-Nitric Oxide and Protein Kinase C Pathways. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 789-796.	1.3	141
31	TRPA1 antagonists as potential analgesic drugs. , 2012, 133, 189-204.		136
32	Evidence for serotonin receptor subtypes involvement in agmatine antidepressant like-effect in the mouse forced swimming test. Brain Research, 2004, 1023, 253-263.	1.1	134
33	Antinociceptive Properties of Mixture of Î±-Amyrin and Î²-Amyrin Triterpenes: Evidence for Participation of Protein Kinase C and Protein Kinase A Pathways. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 310-318.	1.3	126
34	Mechanisms involved in the antinociception caused by agmatine in mice. Neuropharmacology, 2005, 48, 1021-1034.	2.0	120
35	The selective nonpeptide CXCR2 antagonist SB225002 ameliorates acute experimental colitis in mice. Journal of Leukocyte Biology, 2008, 84, 1213-1221.	1.5	119
36	Physical Exercise Attenuates Experimental Autoimmune Encephalomyelitis by Inhibiting Peripheral Immune Response and Blood-Brain Barrier Disruption. Molecular Neurobiology, 2017, 54, 4723-4737.	1.9	117

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37	Evidence for the participation of kinins in Freund's adjuvant-induced inflammatory and nociceptive responses in kinin B1 and B2 receptor knockout mice. Neuropharmacology, 2001, 41, 1006-1012.	2.0	112
38	Ruthenium red and capsazepine antinociceptive effect in formalin and capsaicin models of pain in mice. Neuroscience Letters, 1997, 235, 73-76.	1.0	111
39	Preventive and therapeutic antiâ€inflammatory properties of the sesquiterpene Î±â€humulene in experimental airways allergic inflammation. British Journal of Pharmacology, 2009, 158, 1074-1087.	2.7	109
40	Activation of cannabinoid receptors by the pentacyclic triterpene Î±,Î²-amyrin inhibits inflammatory and neuropathic persistent pain in mice. Pain, 2011, 152, 1872-1887.	2.0	108
41	Involvement of B₁ and B₂ receptors in bradykininâ€induced rat paw oedema. British Journal of Pharmacology, 1995, 114, 1005-1013.	2.7	106
42	Spinal and supraspinal antinociceptive action of dipyrone in formalin, capsaicin and glutamate tests. Study of the mechanism of action. European Journal of Pharmacology, 1998, 345, 233-245.	1.7	105
43	Mechanisms underlying the inhibitory actions of the pentacyclic triterpene Î±-amyrin in the mouse skin inflammation induced by phorbol ester 12-O-tetradecanoylphorbol-13-acetate. European Journal of Pharmacology, 2007, 559, 227-235.	1.7	105
44	Topical antiinflammatory effects of the ether extract from Protium kleinii and Î±-amyrin pentacyclic triterpene. European Journal of Pharmacology, 2005, 507, 253-259.	1.7	104
45	Relevance of tumour necrosis factor-Î± for the inflammatory and nociceptive responses evoked by carrageenan in the mouse paw. British Journal of Pharmacology, 2006, 148, 688-695.	2.7	103
46	Effects of anti-inflammatory drugs upon nitrate and myeloperoxidase levels in the mouse pleurisy induced by carrageenanâ˜†. Peptides, 1999, 20, 949-956.	1.2	102
47	Anti-allodynic action of the tormentic acid, a triterpene isolated from plant, against neuropathic and inflammatory persistent pain in mice. European Journal of Pharmacology, 2002, 453, 203-208.	1.7	102
48	Contractile mechanisms coupled to TRPA1 receptor activation in rat urinary bladder. Biochemical Pharmacology, 2006, 72, 104-114.	2.0	101
49	The role of TNF-Î± signaling pathway on COX-2 upregulation and cognitive decline induced by Î²-amyloid peptide. Behavioural Brain Research, 2010, 209, 165-173.	1.2	100
50	Kinin B1 Receptor Up-Regulation after Lipopolysaccharide Administration: Role of Proinflammatory Cytokines and Neutrophil Influx. Journal of Immunology, 2004, 172, 1839-1847.	0.4	98
51	Anti-Inflammatory Properties of Extracts, Fractions and Lignans Isolated fromPhyllanthus amarus. Planta Medica, 2005, 71, 721-726.	0.7	97
52	The use of kinin B1 and B2 receptor knockout mice and selective antagonists to characterize the nociceptive responses caused by kinins at the spinal level. Neuropharmacology, 2002, 43, 1188-1197.	2.0	96
53	Antinociceptive profile of the pseudopeptide B₂ bradykinin receptor antagonist NPC 18688 in mice. British Journal of Pharmacology, 1996, 117, 552-558.	2.7	91
54	Trypanocidal and Leishmanicidal Properties of Substitution-Containing Chalcones. Antimicrobial Agents and Chemotherapy, 2003, 47, 1449-1451.	1.4	90

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55	Antiâ€inflammatory effects of theophylline, cromolyn and salbutamol in a murine model of pleurisy. British Journal of Pharmacology, 1996, 118, 811-819.	2.7	88
56	The role of systemic, spinal and supraspinal l-arginineâ€“nitric oxideâ€“cGMP pathway in thermal hyperalgesia caused by intrathecal injection of glutamate in mice.. Neuropharmacology, 1999, 38, 835-842.	2.0	88
57	Phytochemical and antioedematogenic studies of commercial copaiba oils available in Brazil. Phytotherapy Research, 2001, 15, 476-480.	2.8	87
58	Mechanisms involved in the nociception produced by peripheral protein kinase c activation in mice. Pain, 2005, 117, 171-181.	2.0	87
59	Antiallodynic effect of Î²-caryophyllene on paclitaxel-induced peripheral neuropathy in mice. Neuropharmacology, 2017, 125, 207-219.	2.0	87
60	In vivo B1 kinin-receptor upregulation. Evidence for involvement of protein kinases and nuclear factor ÎºB pathways. British Journal of Pharmacology, 1999, 127, 1851-1859.	2.7	81
61	Non-peptide antagonists for kinin B1 receptors: new insights into their therapeutic potential for the management of inflammation and pain. Trends in Pharmacological Sciences, 2006, 27, 646-651.	4.0	80
62	Differential susceptibility following Î²-amyloid peptide-(1â€“40) administration in C57BL/6 and Swiss albino mice: Evidence for a dissociation between cognitive deficits and the glutathione system response. Behavioural Brain Research, 2007, 177, 205-213.	1.2	79
63	TRPA1 receptor modulation attenuates bladder overactivity induced by spinal cord injury. American Journal of Physiology - Renal Physiology, 2011, 300, F1223-F1234.	1.3	78
64	Mechanisms involved in the antinociception caused by melatonin in mice. Journal of Pineal Research, 2006, 41, 382-389.	3.4	77
65	Reduced Nerve Injury-Induced Neuropathic Pain in Kinin B1 Receptor Knock-Out Mice. Journal of Neuroscience, 2005, 25, 2405-2412.	1.7	76
66	Mechanisms involved in IL-6-induced muscular mechanical hyperalgesia in mice. Pain, 2010, 151, 345-355.	2.0	75
67	Folic Acid Plus Î±-Tocopherol Mitigates Amyloid-Î²-Induced Neurotoxicity through Modulation of Mitochondrial Complexes Activity1. Journal of Alzheimer's Disease, 2011, 24, 61-75.	1.2	74
68	Upregulation of B₁ receptor mediating desâ€Arg₉â€BKâ€induced rat paw oedema by systemic treatment with bacterial endotoxin. British Journal of Pharmacology, 1996, 117, 793-798.	2.7	71
69	Analysis of the mechanisms underlying the antinociceptive effect of the extracts of plants from the genus Phyllanthus. General Pharmacology, 1995, 26, 1499-1506.	0.7	70
70	Avulsion injury of the rat brachial plexus triggers hyperalgesia and allodynia in the hindpaws: a new model for the study of neuropathic pain. Brain Research, 2003, 982, 186-194.	1.1	70
71	Bulgarian Propolis Induces Analgesic and Anti-inflammatory Effects in Mice and Inhibits In Vitro Contraction of Airway Smooth Muscle. Journal of Pharmacological Sciences, 2003, 93, 307-313.	1.1	69
72	THE MODULATORY ROLE PLAYED BY TNF-Î± AND IL-1Î² IN THE INFLAMMATORY RESPONSES INDUCED BY CARRAGEENAN IN THE MOUSE MODEL OF PLEURISY. Cytokine, 2001, 13, 162-168.	1.4	68

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73	EPA- and DHA-derived resolvins' actions in inflammatory bowel disease. European Journal of Pharmacology, 2016, 785, 156-164.	1.7	67
74	Additional evidence for the anti-inflammatory and anti-allergic properties of the sesquiterpene polygodial. Life Sciences, 2001, 70, 159-169.	2.0	66
75	The role of PKC/ERK1/2 signaling in the anti-inflammatory effect of tetracyclic triterpene euphol on TPA-induced skin inflammation in mice. European Journal of Pharmacology, 2013, 698, 413-420.	1.7	66
76	Synergistic Effects of Celecoxib and Bupropion in a Model of Chronic Inflammation-Related Depression in Mice. PLoS ONE, 2013, 8, e77227.	1.1	66
77	Mechanisms involved in the antinociception caused by ethanolic extract obtained from the leaves of Melissa officinalis (lemon balm) in mice. Pharmacology Biochemistry and Behavior, 2009, 93, 10-16.	1.3	64
78	Oral administration of the flavonoid myricitrin prevents dextran sulfate sodium-induced experimental colitis in mice through modulation of PI3K/Akt signaling pathway. Molecular Nutrition and Food Research, 2013, 57, 1938-1949.	1.5	64
79	Characterization of the receptor and the mechanisms underlying the inflammatory response induced by des-Arg9 -BK in mouse pleurisy. British Journal of Pharmacology, 1998, 123, 281-291.	2.7	63
80	Anti-allodynic and anti-oedematogenic properties of the extract and lignans from Phyllanthus amarus in models of persistent inflammatory and neuropathic pain. European Journal of Pharmacology, 2003, 478, 145-153.	1.7	63
81	Cinnamaldehyde Inhibits Staphylococcus aureus Virulence Factors and Protects against Infection in a Galleria mellonella Model. Frontiers in Microbiology, 2016, 7, 2052.	1.5	61
82	Antinociceptive properties of the hydroalcoholic extract and preliminary study of a xanthone isolated from Polygala cyparissias (Polygalaceae). Life Sciences, 1997, 61, 1619-1630.	2.0	60
83	Role of the Macrophage Inflammatory Protein-1Î±/CC Chemokine Receptor 5 Signaling Pathway in the Neuroinflammatory Response and Cognitive Deficits Induced by Î²-Amyloid Peptide. American Journal of Pathology, 2009, 175, 1586-1597.	1.9	60
84	Antiinflammatory and antiallodynic actions of the lignan niranthin isolated from Phyllanthus amarus. European Journal of Pharmacology, 2006, 546, 182-188.	1.7	59
85	Synthesis, pharmacological evaluation and electrochemical studies of novel 6-nitro-3,4-methylenedioxyphenyl-N-acylhydrazone derivatives: Discovery of LASSBio-881, a new ligand of cannabinoid receptors. Bioorganic and Medicinal Chemistry, 2007, 15, 2421-2433.	1.4	59
86	The effects of the selective and nonâ€peptide CXCR2 receptor antagonist SB225002 on acute and longâ€lasting models of nociception in mice. European Journal of Pain, 2010, 14, 23-31.	1.4	59
87	Taxaneâ€induced neurotoxicity: Pathophysiology and therapeutic perspectives. British Journal of Pharmacology, 2020, 177, 3127-3146.	2.7	59
88	The Effects of Diacerhein on Mechanical Allodynia in Inflammatory and Neuropathic Models of Nociception in Mice. Anesthesia and Analgesia, 2005, 101, 1763-1769.	1.1	58
89	Preventive and Therapeutic Euphol Treatment Attenuates Experimental Colitis in Mice. PLoS ONE, 2011, 6, e27122.	1.1	58
90	Inflammatory pain: kinins and antagonists. Current Opinion in Anaesthesiology, 2001, 14, 519-526.	0.9	57

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91	Bradykinin B 1 Receptor Expression Induced by Tissue Damage in the Rat Portal Vein. Circulation Research, 2004, 94, 1375-1382.	2.0	57
92	Pharmacokinetics and Tissue Distribution of the Sesquiterpene Î±-Humulene in Mice. Planta Medica, 2008, 74, 1678-1683.	0.7	57
93	Further studies on analgesic activity of cyclic imides. Il Farmaco, 1998, 53, 55-57.	0.9	56
94	Synthesis and pharmacological activity of chalcones derived from 2,4,6-trimethoxyacetophenone in RAW 264.7 cells stimulated by LPS: Quantitative structureâ€“activity relationships. Bioorganic and Medicinal Chemistry, 2008, 16, 658-667.	1.4	56
95	Nitric oxide pathwayâ€mediated relaxant effect of bradykinin in the guineaâ€pig isolated trachea. British Journal of Pharmacology, 1994, 111, 83-88.	2.7	55
96	Pharmacological and Molecular Characterization of the Mechanisms Involved in Prostaglandin E2-Induced Mouse Paw Edema. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 611-618.	1.3	55
97	Plant derived alkaloid (â^')-cassine induces anti-inflammatory and anti-hyperalgesics effects in both acute and chronic inflammatory and neuropathic pain models. Neuropharmacology, 2012, 62, 967-977.	2.0	55
98	Non-clinical studies required for new drug development - Part I: early in silico and in vitro studies, new target discovery and validation, proof of principles and robustness of animal studies. Brazilian Journal of Medical and Biological Research, 2016, 49, e5644.	0.7	55
99	Antidepressant-like effects of Trichilia catigua (Catuaba) extract: evidence for dopaminergic-mediated mechanisms. Psychopharmacology, 2005, 182, 45-53.	1.5	54
100	The involvement of K+ channels and Gi/o protein in the antinociceptive action of the gallic acid ethyl ester. European Journal of Pharmacology, 1999, 379, 7-17.	1.7	53
101	Cannabinoid Agonists Inhibit Neuropathic Pain Induced by Brachial Plexus Avulsion in Mice by Affecting Glial Cells and MAP Kinases. PLoS ONE, 2011, 6, e24034.	1.1	53
102	Analgesic Effect of the Herbal Medicine Catuama in Thermal and Chemical Models of Nociception in Mice. Phytotherapy Research, 1997, 11, 101-106.	2.8	51
103	A sesquiterpene drimane with antinociceptive activity from Drimys winteri bark. Phytochemistry, 2001, 57, 103-107.	1.4	51
104	Euphol, a tetracyclic triterpene produces antinociceptive effects in inflammatory and neuropathic pain: The involvement of cannabinoid system. Neuropharmacology, 2012, 63, 593-605.	2.0	51
105	Valeriana officinalis does not alter the orofacial dyskinesia induced by haloperidol in rats: Role of dopamine transporter. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1478-1486.	2.5	50
106	Involvement of phosphoinositide 3-kinase Î³ in the neuro-inflammatory response and cognitive impairments induced by Î²-amyloid 1â€“40 peptide in mice. Brain, Behavior, and Immunity, 2010, 24, 493-501.	2.0	50
107	Action of compounds fromMandevilla velutina on croton oil-induced ear oedema in mice. A comparative study with steroidal and nonsteroidal antiinflammatory drugs. Phytotherapy Research, 1992, 6, 1-5.	2.8	49
108	Three xanthones from Polygala cyparissias. Phytochemistry, 1998, 48, 725-728.	1.4	49

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109	Ankle joint mobilization reduces axonotmesis-induced neuropathic pain and glial activation in the spinal cord and enhances nerve regeneration in rats. Pain, 2011, 152, 2653-2661.	2.0	49
110	The role of kinin B1 and B2 receptors in the persistent pain induced by experimental autoimmune encephalomyelitis (EAE) in mice: Evidence for the involvement of astrocytes. Neurobiology of Disease, 2013, 54, 82-93.	2.1	49
111	The selective antagonism of bradykinin action on rat isolated uterus by crude Mandevilla velutina extract. British Journal of Pharmacology, 1985, 85, 729-731.	2.7	48
112	Molecular Mechanisms of Topical Anti-Inflammatory Effects of Lipoxin A4in Endotoxin-Induced Uveitis. Molecular Pharmacology, 2008, 74, 154-161.	1.0	48
113	Evaluation of chemical mediators and cellular response during acute and chronic gut inflammatory response induced by dextran sodium sulfate in mice. Biochemical Pharmacology, 2012, 84, 1459-1469.	2.0	48
114	Preventive and therapeutic oral administration of the pentacyclic triterpene Î±,Î²-amyrin ameliorates dextran sulfate sodium-induced colitis in mice: The relevance of cannabinoid system. Molecular Immunology, 2013, 54, 482-492.	1.0	48
115	Antioedematogenic and antinociceptive actions of NPC 18521, a novel bradykinin B2 receptor antagonist. European Journal of Pharmacology, 1996, 316, 277-286.	1.7	47
116	Anti-hyperalgesic properties of the extract and of the main sesquiterpene polygodial isolated from the barks of Drymis winteri (Winteraceae). Life Sciences, 1998, 63, 369-381.	2.0	47
117	Isolation and identification of active compounds from Drimys winteri barks. Journal of Ethnopharmacology, 1998, 62, 223-227.	2.0	46
118	Pharmacological characterisation of the rat brachial plexus avulsion model of neuropathic pain. Brain Research, 2004, 1018, 159-170.	1.1	46
119	Neuropathic Pain-Like Behavior after Brachial Plexus Avulsion in Mice: The Relevance of Kinin B₁and B₂Receptors. Journal of Neuroscience, 2008, 28, 2856-2863.	1.7	46
120	Antinociceptive activities of the methanol extract of the bulbs of Dioscorea bulbifera L. var sativa in mice is dependent of NOâ€“cGMPâ€“ATP-sensitive-K+ channel activation. Journal of Ethnopharmacology, 2010, 128, 567-574.	2.0	46
121	TRP Modulation by Natural Compounds. Handbook of Experimental Pharmacology, 2014, 223, 1177-1238.	0.9	46
122	The antinociceptive effects of the tetracyclic triterpene euphol in inflammatory and neuropathic pain models: The potential role of PKCÎµ. Neuroscience, 2015, 303, 126-137.	1.1	46
123	Evidence for the involvement of vanilloid receptor in the antinociception produced by the dialdeydes unsaturated sesquiterpenes polygodial and drimanial in rats. Neuropharmacology, 2004, 46, 590-597.	2.0	44
124	Antinociception produced by systemic, spinal and supraspinal administration of amiloride in mice. Life Sciences, 1999, 65, 1059-1066.	2.0	43
125	Antinociceptive properties of extracts of new species of plants of the genus Phyllanthus (Euphorbiaceae). Journal of Ethnopharmacology, 2000, 72, 229-238.	2.0	43
126	Biological activity of plant extracts: novel analgesic drugs. Expert Opinion on Emerging Drugs, 2001, 6, 261-279.	1.0	43

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127	The Cytotoxic Effect and the Multidrug Resistance Reversing Action of Lignans fromPhyllanthus amarus. Planta Medica, 2006, 72, 1353-1358.	0.7	43
128	The role of neurotrophic factors in genesis and maintenance of mechanical hypernociception after brachial plexus avulsion in mice. Pain, 2008, 136, 125-133.	2.0	43
129	Role of <scp>CXCR2</scp> and <scp>TRPV1</scp> in functional, inflammatory and behavioural changes in the rat model of cyclophosphamideâ€induced haemorrhagic cystitis. British Journal of Pharmacology, 2014, 171, 452-467.	2.7	43
130	Analysis of the inflammatory response induced by substance P in the mouse pleural cavity. Peptides, 1999, 20, 259-265.	1.2	42
131	Antiâ€nociceptive effect of kinin B₁ and B₂ receptor antagonists on peripheral neuropathy induced by paclitaxel in mice. British Journal of Pharmacology, 2011, 164, 681-693.	2.7	42
132	Chemical and Pharmacological Studies of Phyllanthus caroliniensis in Mice. Journal of Pharmacy and Pharmacology, 2011, 48, 1231-1236.	1.2	41
133	Antinociception Caused by the Extract of Hedyosmum brasiliense and its Active Principle, the Sesquiterpene Lactone 13-Hydroxy-8,9-dehydroshizukanolide. Planta Medica, 1999, 65, 517-521.	0.7	40
134	Evidence for the involvement of glutamatergic system in the antinociceptive effect of ascorbic acid. Neuroscience Letters, 2005, 381, 185-188.	1.0	40
135	Pharmacological characterisation of the plant sesquiterpenes polygodial and drimanial as vanilloid receptor agonists. Biochemical Pharmacology, 2006, 71, 1248-1254.	2.0	40
136	Neuromodulatory effect of creatine on extracellular action potentials in rat hippocampus: Role of NMDA receptors. Neurochemistry International, 2008, 53, 33-37.	1.9	40
137	Antagonism of the transient receptor potential ankyrin 1 (TRPA1) attenuates hyperalgesia and urinary bladder overactivity in cyclophosphamide-induced haemorrhagic cystitis. Chemico-Biological Interactions, 2013, 203, 440-447.	1.7	40
138	Spinal blockage of CXCL1 and its receptor CXCR2 inhibits paclitaxel-induced peripheral neuropathy in mice. Neuropharmacology, 2019, 151, 136-143.	2.0	40
139	Evidence for the involvement of metabotropic glutamatergic, neurokinin 1 receptor pathways and protein kinase C in the antinociceptive effect of dipyrone in mice. Brain Research, 2004, 1003, 61-67.	1.1	39
140	Lipoxin A4 inhibits acute edema in mice: Implications for the anti-edematogenic mechanism induced by aspirin. Prostaglandins and Other Lipid Mediators, 2006, 80, 123-135.	1.0	38
141	Kinin B1 receptors mediate depression-like behavior response in stressed mice treated with systemic E. coli lipopolysaccharide. Journal of Neuroinflammation, 2010, 7, 98.	3.1	38
142	Potent Antinociceptive Activity of a Hydroalcoholic Extract of Phyllanthus corcovadensis. Journal of Pharmacy and Pharmacology, 2011, 45, 1046-1049.	1.2	38
143	Modulation of kinin B1 but not B2 receptors-mediated rat paw edema by IL-1Î² and TNFÎ±. Peptides, 1998, 19, 1269-1276.	1.2	37
144	Inhibitor of PI3KÎ³ ameliorates TNBSâ€induced colitis in mice by affecting the functional activity of CD4 + CD25 + FoxP3 + regulatory T cells. British Journal of Pharmacology, 2011, 163, 358-374.	2.7	37

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145	Spatial reference memory deficits precede motor dysfunction in an experimental autoimmune encephalomyelitis model: The role of kallikreinâ€“kinin system. Brain, Behavior, and Immunity, 2013, 33, 90-101.	2.0	37
146	Kinin Receptors Sensitize TRPV4 Channel and Induce Mechanical Hyperalgesia: Relevance to Paclitaxel-Induced Peripheral Neuropathy in Mice. Molecular Neurobiology, 2018, 55, 2150-2161.	1.9	37
147	Further Studies on the Antinociceptive Action of the Hydroalcoholic Extracts from Plants of the Genus, Phyllanthus. Journal of Pharmacy and Pharmacology, 2011, 47, 66-71.	1.2	36
148	Pro-inflammatory effects induced by bradykinin in a murine model of pleurisy. European Journal of Pharmacology, 1997, 331, 43-52.	1.7	35
149	Long-lasting neuropathic pain induced by brachial plexus injury in mice: Role triggered by the pro-inflammatory cytokine, tumour necrosis factor Î±. Neuropharmacology, 2006, 50, 614-620.	2.0	35
150	Anti-hypernociceptive properties of agmatine in persistent inflammatory and neuropathic models of pain in mice. Brain Research, 2007, 1159, 124-133.	1.1	35
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