The vanilloid receptor TRPV1: 10 years from channel clo proof-of-concept

Nature Reviews Drug Discovery

6, 357-372

DOI: 10.1038/nrd2280

Citation Report

#	Article	IF	Citations
1	Drug design and development through the vanilloid receptor. Expert Opinion on Drug Discovery, 2007, 2, 1053-1063.	2.5	4
2	Repeated Administration of Vanilloid Receptor TRPV1 Antagonists Attenuates Hyperthermia Elicited by TRPV1 Blockade. Journal of Pharmacology and Experimental Therapeutics, 2007, 323, 128-137.	1.3	155
3	Pharmacology and Antitussive Efficacy of 4-(3-Trifluoromethyl-pyridin-2-yl)-piperazine-1-carboxylic Acid (5-Trifluoromethyl-pyridin-2-yl)-amide (JNJ17203212), a Transient Receptor Potential Vanilloid 1 Antagonist in Guinea Pigs. Journal of Pharmacology and Experimental Therapeutics, 2007, 323, 665-674.	1.3	73
4	TRP channels and pain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 978-988.	1.8	92
5	The expression of receptors for endocannabinoids in human and rodent skeletal muscle. Biochemical and Biophysical Research Communications, 2007, 364, 105-110.	1.0	152
6	Modulation of visceral nociceptive pathways. Current Opinion in Pharmacology, 2007, 7, 593-597.	1.7	17
7	Transient receptor potential V2 expressed in sensory neurons is activated by probenecid. Neuroscience Letters, 2007, 425, 120-125.	1.0	127
9	Capsaicin and Capsaicinoids. , 0, , 73-109.		2
10	Medicinal chemistry of the vanilloid (Capsaicin) TRPV1 receptor: current knowledge and future perspectives. Drug Development Research, 2007, 68, 477-497.	1.4	32
11	Hunting for ion channel modulators with herpes simplex virus. Nature Methods, 2007, 4, 692-693.	9.0	1
13	Acid-sensing ion channels (ASICs) in chronic pain. Douleur Et Analgesie, 2008, 21, 209-214.	0.2	1
14	Dopamides, Vanillylamides, Ethanolamides, and Arachidonic Acid Amides of Antiâ€inflammatory and Analgesic Drug Substances as TRPV1 Ligands. ChemMedChem, 2008, 3, 1956-1964.	1.6	17
15	Tetrahydropyridine-4-carboxamides as novel, potent transient receptor potential vanilloid 1 (TRPV1) antagonists. Bioorganic and Medicinal Chemistry, 2008, 16, 8516-8525.	1.4	44
16	Structureâ€“activity relationships of 1,4-dihydropyridines that act as enhancers of the vanilloid receptor 1 (TRPV1). Bioorganic and Medicinal Chemistry, 2008, 16, 9349-9358.	1.4	33
17	Synthesis of benzamide derivatives as TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1072-1078.	1.0	15
18	4-Aminopyrimidine tetrahydronaphthols: A series of novel vanilloid receptor-1 antagonists with improved solubility properties. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1830-1834.	1.0	9
19	N-Pyridin-3-yl- and N-quinolin-3-yl-benzamides: Modulators of Human Vanilloid Receptor 1 (TRPV1). Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2730-2734.	1.0	8
20	Discovery of piperidine carboxamide TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4569-4572.	1.0	19

#	Article	IF	Citations
21	Aminoquinazolines as TRPV1 antagonists: Modulation of drug-like properties through the exploration of 2-position substitution. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4573-4577.	1.0	18
22	Design and synthesis of 6-phenylnicotinamide derivatives as antagonists of TRPV1. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5609-5613.	1.0	40
23	Submembraneous microtubule cytoskeleton: biochemical and functional interplay of TRP channels with the cytoskeleton. FEBS Journal, 2008, 275, 4684-4699.	2.2	34
24	The effect of changes in core body temperature on the QT interval in beagle dogs: a previously ignored phenomenon, with a method for correction. British Journal of Pharmacology, 2008, 154, 1474-1481.	2.7	73
25	The pharmacological challenge to tame the transient receptor potential vanilloidâ€1 (TRPV1) nocisensor. British Journal of Pharmacology, 2008, 155, 1145-1162.	2.7	152
26	Differential responses of sensory neurones innervating glycolytic and oxidative muscle to protons and capsaicin. Journal of Physiology, 2008, 586, 3245-3252.	1.3	25
27	Nitric oxideâ€“cGMPâ€“protein kinase G pathway negatively regulates vascular transient receptor potential channel TRPC6. Journal of Physiology, 2008, 586, 4209-4223.	1.3	101
28	Cardiac capsaicinâ€sensitive sensory nerves regulate myocardial relaxation via Sâ€nitrosylation of SERCA: role of peroxynitrite. British Journal of Pharmacology, 2008, 153, 488-496.	2.7	42
29	A Saturated Nâ€Acylethanolamine Other than Nâ€Palmitoyl Ethanolamine with Antiâ€inflammatory Properties: a Neglected Storyâ€¦. Journal of Neuroendocrinology, 2008, 20, 26-34.	1.2	79
30	TRPV1â€null mice are protected from dietâ€induced obesity. FEBS Letters, 2008, 582, 2257-2262.	1.3	143
31	Transient receptor potential vanilloid 1 (TRPV1) channels in cultured rat Sertoli cells regulate an acid sensing chloride channel. Biochemical Pharmacology, 2008, 75, 476-483.	2.0	23
32	Inhibitory effect of cochinchinenin B on capsaicin-activated responses in rat dorsal root ganglion neurons. Brain Research, 2008, 1201, 34-40.	1.1	7
33	SA13353 (1-[2-(1-Adamantyl)ethyl]-1-pentyl-3-[3-(4-pyridyl)propyl]urea) inhibits TNF-Î± production through the activation of capsaicin-sensitive afferent neurons mediated via transient receptor potential vanilloid 1 in vivo. European Journal of Pharmacology, 2008, 588, 309-315.	1.7	29
34	Natural products to drugs: natural product-derived compounds in clinical trials. Natural Product Reports, 2008, 25, 475.	5.2	780
35	TRPing the switch on pain: an introduction to the chemistry and biology of capsaicin and TRPV1. Chemical Society Reviews, 2008, 37, 1530.	18.7	47
36	Identification of (R)-1-(5-tert-Butyl-2,3-dihydro-1H-inden-1-yl)-3-(1H-indazol-4-yl)urea (ABT-102) as a Potent TRPV1 Antagonist for Pain Management. Journal of Medicinal Chemistry, 2008, 51, 392-395.	2.9	76
37	Molecular and Cellular Limits to Somatosensory Specificity. Molecular Pain, 2008, 4, 1744-8069-4-14.	1.0	116
38	Analgesic Compound from Sea Anemone Heteractis crispa Is the First Polypeptide Inhibitor of Vanilloid Receptor 1 (TRPV1). Journal of Biological Chemistry, 2008, 283, 23914-23921.	1.6	129

#	Article	IF	Citations
39	Investigation of TRPV1 loss-of-function phenotypes in transgenic shRNA expressing and knockout mice. Molecular and Cellular Neurosciences, 2008, 37, 579-589.	1.0	68
40	Adrenergic regulation of P2X3 and TRPV1 receptors: Differential effects of spared nerve injury. Neuroscience Letters, 2008, 444, 172-175.	1.0	8
41	Hotheaded: TRPV1 as Mediator of Hippocampal Synaptic Plasticity. Neuron, 2008, 57, 629-631.	3.8	22
42	Effects of the transient receptor potential vanilloid 1 antagonist A-425619 on body temperature and thermoregulation in the rat. Neuroscience, 2008, 156, 165-174.	1.1	24
43	Inhaled ethanol potentiates the cough response to capsaicin in patients with airway sensory hyperreactivity. Pulmonary Pharmacology and Therapeutics, 2008, 21, 794-797.	1.1	21
44	Neuronal TRP channels: thermometers, pathfinders and life-savers. Trends in Neurosciences, 2008, 31, 287-295.	4.2	152
45	The emerging role of TRPV1 in diabetes and obesity. Trends in Pharmacological Sciences, 2008, 29, 29-36.	4.0	147
46	Body-temperature maintenance as the predominant function of the vanilloid receptor TRPV1. Trends in Pharmacological Sciences, 2008, 29, 550-557.	4.0	168
47	Brain TRPV1: a depressing TR(i)P down memory lane?. Trends in Pharmacological Sciences, 2008, 29, 594-600.	4.0	32
48	Advances in the development of novel analgesics. Expert Opinion on Therapeutic Patents, 2008, 18, 1027-1067.	2.4	9
49	Antihyperalgesic Effects of (R,E)-N-(2-Hydroxy-2,3-dihydro-1H-inden-4-yl)-3-(2-(piperidin-1-yl)-4-(trifluoromethyl)phenyl)-acrylamide (AMG8562), a Novel Transient Receptor Potential Vanilloid Type 1 Modulator That Does Not Cause Hyperthermia in Rats. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 218-229.	1.3	158
50	Advances in the design and therapeutic use of capsaicin receptor TRPV1 agonists and antagonists. Expert Opinion on Therapeutic Patents, 2008, 18, 159-209.	2.4	34
51	Breathtaking TRP Channels: TRPA1 and TRPV1 in Airway Chemosensation and Reflex Control. Physiology, 2008, 23, 360-370.	1.6	340
52	ThermoTRP Channels in Nociceptors: Taking a Lead from Capsaicin Receptor TRPV1. Current Neuropharmacology, 2008, 6, 21-38.	1.4	68
53	(R)-(5-tert-Butyl-2,3-dihydro-1H-inden-1-yl)-3-(1H-indazol-4-yl)-urea (ABT-102) Blocks Polymodal Activation of Transient Receptor Potential Vanilloid 1 Receptors in Vitro and Heat-Evoked Firing of Spinal Dorsal Horn Neurons in Vivo. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 879-888.	1.3	53
54	Herbal Compounds and Toxins Modulating TRP Channels. Current Neuropharmacology, 2008, 6, 79-96.	1.4	155
55	TRPV1 Receptors in the Central Nervous System: Potential for Previously Unforeseen Therapeutic Applications. Current Pharmaceutical Design, 2008, 14, 42-54.	0.9	145
56	Visceral hypersensitivity in non-erosive reflux disease. Gut, 2008, 57, 674-683.	6.1	163

#	Article	IF	Citations
57	Properties of the Inner Pore Region of TRPV1 Channels Revealed by Block with Quaternary Ammoniums. Journal of General Physiology, 2008, 132, 547-562.	0.9	40
58	Recent Progress in the Development of Selective TRPV1 Antagonists for Pain. Current Topics in Medicinal Chemistry, 2008, 8, 1431-1441.	1.0	41
59	Mechanisms of Prolonged Presynaptic Ca²⁺Signaling and Glutamate Release Induced by TRPV1 Activation in Rat Sensory Neurons. Journal of Neuroscience, 2008, 28, 5295-5311.	1.7	130
60	Tissue-Specific Regulation of Microvascular Diameter: Opposite Functional Roles of Neuronal and Smooth Muscle Located Vanilloid Receptor-1. Molecular Pharmacology, 2008, 73, 1405-1412.	1.0	113
61	Transient Receptor Potential Vanilloid 1 Channel Modulation: A Novel Approach to Pain Therapy. Current Bioactive Compounds, 2008, 4, 110-125.	0.2	5
62	TRPV1: hot new channels in the brain. Future Neurology, 2008, 3, 507-510.	0.9	0
64	Capsaicin (TRPV1 Agonist) Therapy for Pain Relief. Clinical Journal of Pain, 2008, 24, 142-154.	0.8	261
65	Approach to the Patient with Abdominal Pain. , 0, , 228-254.		3
66	TRPV1: On the Road to Pain Relief. Current Molecular Pharmacology, 2008, 1, 255-269.	0.7	157
67	TRPV1: A Target for Next Generation Analgesics. Current Neuropharmacology, 2008, 6, 151-163.	1.4	98
68	Vanilloid-Induced Conduction Analgesia: Selective, Dose-Dependent, Long-Lasting, with a Low Level of Potential Neurotoxicity. Anesthesia and Analgesia, 2008, 107, 271-281.	1.1	79
69	Red-Hot Chili Peppers: A Spicy New Approach to Preventing Postoperative Pain. Anesthesia and Analgesia, 2008, 107, 6-8.	1.1	8
70	Attenuation of anxiety-related behaviour after the antagonism of transient receptor potential vanilloid type 1 channels in the rat ventral hippocampus. Behavioural Pharmacology, 2008, 19, 357-360.	0.8	51
71	Recent advances in chronic visceral pain. Current Opinion in Supportive and Palliative Care, 2008, 2, 116-121.	0.5	4
73	Functional assessment of temperature-gated ion-channel activity using a real-time PCR machine. BioTechniques, 2009, 47, iii-ix.	0.8	22
74	Novel Temperature Activation Cell-Based Assay on Thermo-TRP Ion Channels. Journal of Biomolecular Screening, 2009, 14, 662-667.	2.6	13
75	Behavioral Effects of a Synthetic Agonist Selective for Nociceptin/Orphanin FQ Peptide Receptors in Monkeys. Neuropsychopharmacology, 2009, 34, 2088-2096.	2.8	87
76	Differential contribution of SNAREâ€dependent exocytosis to inflammatory potentiation of TRPV1 in nociceptors. FASEB Journal, 2009, 23, 3722-3733.	0.2	86

#	Article	IF	Citations
77	Contribution of Transient Receptor Potential Vanilloid Subtype 1 to the Analgesic and Antihyperalgesic Activity of Nefopam in Rodents. Pharmacology, 2009, 83, 116-121.	0.9	6
78	Pharmacology of Inflammatory Pain: Local Alteration in Receptors and Mediators. Digestive Diseases, 2009, 27, 24-30.	0.8	12
79	Challenges faced in choosing novel targets to treat chronic pain. Future Medicinal Chemistry, 2009, 1, 231-235.	1.1	0
80	Emerging Peripheral Receptor Targets for Deep-tissue Craniofacial Pain Therapies. Journal of Dental Research, 2009, 88, 201-211.	2.5	27
81	Chemical synthesis, pharmacological characterization, and possible formation in unicellular fungi of 3-hydroxy-anandamide. Journal of Lipid Research, 2009, 50, 658-666.	2.0	9
82	The Transient Receptor Potential Vanilloid-1 Channel in Thermoregulation: A Thermosensor It Is Not. Pharmacological Reviews, 2009, 61, 228-261.	7.1	216
83	Capsaicin receptor antagonists: a promising new addition to the pain clinic. British Journal of Anaesthesia, 2009, 102, 153-155.	1.5	27
84	Mitochondrial Ca²⁺Cycling Facilitates Activation of the Transcription Factor NFAT in Sensory Neurons. Journal of Neuroscience, 2009, 29, 12101-12114.	1.7	67
85	Perisurgical amitriptyline produces a preventive effect on afferent hypersensitivity following spared nerve injury. Pain, 2009, 146, 308-314.	2.0	28
86	Airway nerves and dyspnea associated with inflammatory airway disease. Respiratory Physiology and Neurobiology, 2009, 167, 36-44.	0.7	55
87	Clinical development of TRPV1 antagonists: targeting a pivotal point in the pain pathway. Drug Discovery Today, 2009, 14, 56-67.	3.2	217
88	Analgesic potential of TRPV1 antagonists. Biochemical Pharmacology, 2009, 78, 211-216.	2.0	99
89	Therapeutic potential of vanilloid receptor TRPV1 agonists and antagonists as analgesics: Recent advances and setbacks. Brain Research Reviews, 2009, 60, 267-277.	9.1	311
90	New drugs for migraine. Journal of Headache and Pain, 2009, 10, 395-406.	2.5	30
91	Reduced Oral Ethanol Avoidance in Mice Lacking Transient Receptor Potential Channel Vanilloid Receptor 1. Behavior Genetics, 2009, 39, 62-72.	1.4	35
92	Analgesic targets: today and tomorrow. Inflammopharmacology, 2009, 17, 151-161.	1.9	13
93	The effects of the TRPV1 receptor antagonist SB-705498 on trigeminovascular sensitisation and neurotransmission. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 311-325.	1.4	55
94	Beneficial effects of a Cannabis sativa extract treatment on diabetesâ€induced neuropathy and oxidative stress. Phytotherapy Research, 2009, 23, 1678-1684.	2.8	49

#	Article	IF	Citations
95	Pharmacokinetics of vanillin and its effects on mechanical hypersensitivity in a rat model of neuropathic pain. Phytotherapy Research, 2010, 24, 525-530.	2.8	59
96	QSAR Approach to Correlate TRPV1 Antagonist Activity for a Series of Heteroaromatic Urea. QSAR and Combinatorial Science, 2009, 28, 1098-1111.	1.5	3
97	On the putative role of transient receptor potential cation channels in asthma. Clinical and Experimental Allergy, 2009, 39, 1456-1466.	1.4	45
98	Transient receptor potential channels: targeting pain at the source. Nature Reviews Drug Discovery, 2009, 8, 55-68.	21.5	548
99	Structural determinants of gating in the TRPV1 channel. Nature Structural and Molecular Biology, 2009, 16, 704-710.	3.6	100
100	Up-regulation of CYP1A1 by rutaecarpine is dependent on aryl hydrocarbon receptor and calcium. Toxicology, 2009, 266, 38-47.	2.0	29
101	Conformationally constrained analogues of Nâ€²-(4-tert-butylbenzyl)-N-(4-methylsulfonylaminobenzyl)thiourea as TRPV1 antagonists. European Journal of Medicinal Chemistry, 2009, 44, 322-331.	2.6	4
102	Synthesis and vasodilator effects of rutaecarpine analogues which might be involved transient receptor potential vanilloid subfamily, member 1 (TRPV1). Bioorganic and Medicinal Chemistry, 2009, 17, 2351-2359.	1.4	71
103	Spiro-piperidine azetidinones as potent TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 783-787.	1.0	14
104	Synthesis and biological evaluation of piperazinyl carbamates and ureas as fatty acid amide hydrolase (FAAH) and transient receptor potential (TRP) channel dual ligands. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6806-6809.	1.0	33
105	Conformationally Constrained Fatty Acid Ethanolamides as Cannabinoid and Vanilloid Receptor Probes. Journal of Medicinal Chemistry, 2009, 52, 3001-3009.	2.9	17
107	Analgesic effect of a polypeptide inhibitor of the TRPV1 receptor in noxious heat pain models. Doklady Biochemistry and Biophysics, 2009, 424, 46-48.	0.3	14
108	Screening TRPV1 antagonists for the treatment of pain: lessons learned over a decade. Expert Opinion on Drug Discovery, 2009, 4, 159-180.	2.5	48
109	Airway irritabilityâ€"a burning issue?. Current Opinion in Pharmacology, 2009, 9, 530-534.	1.7	3
110	Identification and characterization of novel TRPV4 modulators. Biochemical and Biophysical Research Communications, 2009, 389, 490-494.	1.0	201
111	Hot flash: TRPV channels in the brain. Trends in Neurosciences, 2009, 32, 215-224.	4.2	208
112	TRPV1 receptors in sensitisation of cough and pain reflexes. Pulmonary Pharmacology and Therapeutics, 2009, 22, 65-70.	1.1	94
113	Repeated dosing of ABT-102, a potent and selective TRPV1 antagonist, enhances TRPV1-mediated analgesic activity in rodents, but attenuates antagonist-induced hyperthermia. Pain, 2009, 142, 27-35.	2.0	131

#	Article	IF	Citations
114	Basic and clinical aspects of gastrointestinal pain. Pain, 2009, 141, 191-209.	2.0	141
115	Role of rat sensory neuron-specific receptor (rSNSR1) in inflammatory pain: Contribution of TRPV1 to SNSR signaling in the pain pathway. Pain, 2009, 143, 130-137.	2.0	18
116	Expression and purification of human TRPV1 in baculovirus-infected insect cells for structural studies. Protein Expression and Purification, 2009, 65, 38-50.	0.6	12
117	TRPV1 antagonists: the challenges for therapeutic targeting. Trends in Molecular Medicine, 2009, 15, 14-22.	3.5	113
118	Acid-Sensitive Ion Channels and Receptors. Handbook of Experimental Pharmacology, 2009, , 283-332.	0.9	234
119	Molecular roles of Cdk5 in pain signaling. Drug Discovery Today: Therapeutic Strategies, 2009, 6, 105-111.	0.5	26
120	Transient Receptor Potential Channels on Sensory Nerves. Handbook of Experimental Pharmacology, 2009, , 261-281.	0.9	53
121	Functional Transient Receptor Potential Vanilloid 1 is Expressed in Human Urothelial Cells. Journal of Urology, 2009, 182, 2944-2950.	0.2	61
122	Pharmacology of Vanilloid Transient Receptor Potential Cation Channels. Molecular Pharmacology, 2009, 75, 1262-1279.	1.0	366
123	TRP channels as emerging targets for pain therapeutics. Expert Opinion on Therapeutic Targets, 2009, 13, 69-81.	1.5	42
124	Influence of the vanilloid receptor TRPV1 on the activation of spinal cord glia in mouse models of pain. Experimental Neurology, 2009, 220, 383-390.	2.0	77
125	Additive Antinociceptive Effects of the Selective Nav1.8 Blocker A-803467 and Selective TRPV1 Antagonists in Rat Inflammatory and Neuropathic Pain Models. Journal of Pain, 2009, 10, 306-315.	0.7	43
126	Synthesis, photolysis studies and in vitro photorelease of caged TRPV1 agonists and antagonists. Organic and Biomolecular Chemistry, 2009, 7, 4695.	1.5	10
127	Macrophage-conditioned medium upregulates the expression of cannabinoid receptors in human preadipocytes. Proceedings of the Nutrition Society, 2009, 68, .	0.4	0
128	Hydrogen sulfide promotes transient receptor potential vanilloid 1-mediated neurogenic inflammation in polymicrobial sepsis*. Critical Care Medicine, 2010, 38, 619-628.	0.4	64
131	Targeting TRPV1 as an Alternative Approach to Narcotic Analgesics to Treat Chronic Pain Conditions. AAPS Journal, 2010, 12, 361-370.	2.2	40
132	Transient receptor potential channelopathies. Pflugers Archiv European Journal of Physiology, 2010, 460, 437-450.	1.3	137
133	Long-lasting antinociceptive spinal effects in primates of the novel nociceptin/orphanin FQ receptor agonist UFP-112. Pain, 2010, 148, 107-113.	2.0	70

#	Article	IF	Citations
134	Natural history of sensory function after herpes zoster. Pain, 2010, 150, 83-92.	2.0	37
135	Increased susceptibility to cardiovascular effects of dihydrocapcaicin in resuscitated rats. Cardiovascular effects of dihydrocapsaicin. BMC Cardiovascular Disorders, 2010, 10, 39.	0.7	9
136	Kinin B1 Receptors Contributes to Acute Pain following Minor Surgery in Humans. Molecular Pain, 2010, 6, 1744-8069-6-12.	1.0	26
137	Transient Receptor Potential Vanilloid 1 is Essential for Cisplatin-Induced Heat Hyperalgesia in Mice. Molecular Pain, 2010, 6, 1744-8069-6-15.	1.0	162
138	Transient receptor potential vanilloid 1 agonists as candidates for anti-inflammatory and immunomodulatory agents. European Journal of Pharmacology, 2010, 627, 332-339.	1.7	46
139	Effect of lipid raft disruption on TRPV1 receptor activation of trigeminal sensory neurons and transfected cell line. European Journal of Pharmacology, 2010, 628, 67-74.	1.7	91
140	Rimonabant, a cannabinoid CB1 receptor antagonist, attenuates mechanical allodynia and counteracts oxidative stress and nerve growth factor deficit in diabetic mice. European Journal of Pharmacology, 2010, 637, 62-69.	1.7	32
141	Pungency of TRPV1 agonists is directly correlated with kinetics of receptor activation and lipophilicity. European Journal of Pharmacology, 2010, 641, 114-122.	1.7	59
142	Neuropharmacology of the essential oil of bergamot. FÃ¬toterapÃ¬Ã¢, 2010, 81, 453-461.	1.1	100
143	Identification of perineal sensory neurons activated by innocuous heat. Journal of Comparative Neurology, 2010, 518, 137-162.	0.9	23
144	Silicon switch approach in TRPV1 antagonist MK-056 and its analogues. Bioorganic and Medicinal Chemistry, 2010, 18, 111-116.	1.4	9
145	Synthesis and biological evaluation of 5-substituted and 4,5-disubstituted-2-arylamino oxazole TRPV1 antagonists. Bioorganic and Medicinal Chemistry, 2010, 18, 4821-4829.	1.4	31
146	Halogenation of 4-hydroxy/amino-3-methoxyphenyl acetamide TRPV1 agonists showed enhanced antagonism to capsaicin. Bioorganic and Medicinal Chemistry, 2010, 18, 8092-8105.	1.4	5
147	Pyrido[2,3-b]pyrazines, discovery of TRPV1 antagonists with reduced potential for the formation of reactive metabolites. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4359-4363.	1.0	14
148	Discovery and synthesis of 6,7,8,9-tetrahydro-5H-pyrimido-[4,5-d]azepines as novel TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7137-7141.	1.0	10
149	LASSBioâ€881: an Nâ€acylhydrazone transient receptor potential vanilloid subfamily type 1 antagonist orally effective against the hypernociception induced by capsaicin or partial sciatic ligation. British Journal of Pharmacology, 2010, 159, 1716-1723.	2.7	12
150	Inhibition of TRPV1 for the treatment of sensitive skin. Experimental Dermatology, 2010, 19, 980-986.	1.4	63
151	The discovery and development of analgesics: new mechanisms, new modalities. Journal of Clinical Investigation, 2010, 120, 3753-3759.	3.9	103

#	Article	IF	Citations
152	Capsaicinoids, Chloropicrin and Sulfur Mustard: Possibilities for Exposure Biomarkers. Frontiers in Pharmacology, 2010, 1, 140.	1.6	15
153	Acid Activation of Trpv1 Leads to an Up-Regulation of Calcitonin Gene-related Peptide Expression in Dorsal Root Ganglion Neurons via the CaMK-CREB Cascade: A Potential Mechanism of Inflammatory Pain. Molecular Biology of the Cell, 2010, 21, 2568-2577.	0.9	90
154	Ion channel blockers for the treatment of neuropathic pain. Future Medicinal Chemistry, 2010, 2, 803-842.	1.1	17
155	17-Â-Estradiol Enhanced Allodynia of Inflammatory Temporomandibular Joint through Upregulation of Hippocampal TRPV1 in Ovariectomized Rats. Journal of Neuroscience, 2010, 30, 8710-8719.	1.7	92
156	Overexpression of NGF in mouse urothelium leads to neuronal hyperinnervation, pelvic sensitivity, and changes in urinary bladder function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R534-R547.	0.9	141
157	Topical capsaicin. The fire of a â€˜hotâ€™ medicine is reignited. Expert Opinion on Pharmacotherapy, 2010, 11, 1359-1371.	0.9	79
158	Role of TRP Channels in Pain: An Overview. , 0, , 68-100.		0
159	Cocarcinogenic Effect of Capsaicin Involves Activation of EGFR Signaling but Not TRPV1. Cancer Research, 2010, 70, 6859-6869.	0.4	91
160	Laser Modulation of Heat and Capsaicin Receptor TRPV1 Leads to Thermal Antinociception. Journal of Dental Research, 2010, 89, 1455-1460.	2.5	34
161	Regulation of cardiovascular TRP channel functions along the NOâ€“cGMPâ€“PKG axis. Expert Review of Clinical Pharmacology, 2010, 3, 347-360.	1.3	7
162	Structural and functional regulation of growth cone, filopodia and synaptic sites by TRPV1. Communicative and Integrative Biology, 2010, 3, 614-618.	0.6	13
163	Current perspectives on the modulation of thermo-TRP channels: new advances and therapeutic implications. Expert Review of Clinical Pharmacology, 2010, 3, 687-704.	1.3	10
164	Delivery of RNA interference triggers to sensory neuronsin vivousing herpes simplex virus. Expert Opinion on Biological Therapy, 2010, 10, 89-103.	1.4	6
165	Transient receptor potential vanilloid-1 antagonists: a survey of recent patent literature. Expert Opinion on Therapeutic Patents, 2010, 20, 1107-1122.	2.4	62
166	Synthesis of Oxazolo[4,5-c]quinoline TRPV1 Antagonists. Journal of Organic Chemistry, 2010, 75, 8713-8715.	1.7	12
167	TRPV1 in migraine pathophysiology. Trends in Molecular Medicine, 2010, 16, 153-159.	3.5	90
168	Ablation of TrpV1 neurons reveals their selective role in thermal pain sensation. Molecular and Cellular Neurosciences, 2010, 43, 157-163.	1.0	110
169	The TRPV1 ion channel antagonist capsazepine inhibits osteoclast and osteoblast differentiation in vitro and ovariectomy induced bone loss in vivo. Bone, 2010, 46, 1089-1099.	1.4	103

#	Article	IF	Citations
170	Transcriptional regulation of type-2 metabotropic glutamate receptors: an epigenetic path to novel treatments for chronic pain. Trends in Pharmacological Sciences, 2010, 31, 153-160.	4.0	80
171	Discovery of Novel 6,6-Heterocycles as Transient Receptor Potential Vanilloid (TRPV1) Antagonists. Journal of Medicinal Chemistry, 2010, 53, 3330-3348.	2.9	29
172	Ablation of Rat TRPV1-Expressing Adelta/C-Fibers with Resiniferatoxin: Analysis of Withdrawal Behaviors, Recovery of Function and Molecular Correlates. Molecular Pain, 2010, 6, 1744-8069-6-94.	1.0	67
173	Cough pharmacotherapy: current and future status. Expert Opinion on Pharmacotherapy, 2011, 12, 1745-1755.	0.9	34
174	Natural Products in Drug Discovery: Impacts and Opportunities â€" An Assessment. , 2011, , 1-199.		17
175	Chemosensory Properties of the Trigeminal System. ACS Chemical Neuroscience, 2011, 2, 38-50.	1.7	149
176	Scale-Up Synthesis of a TRPV1 Antagonist Featuring a Facile Thiazolo[5,4-d]pyrimidine Formation. Organic Process Research and Development, 2011, 15, 382-388.	1.3	6
177	Transient receptor potential channels as therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 601-620.	21.5	472
178	TRP Channels and Psychiatric Disorders. Advances in Experimental Medicine and Biology, 2011, 704, 987-1009.	0.8	23
179	Effect of a Temperature Increase in the Non-Noxious Range on Proton-Evoked ASIC and TRPV1 Activity. Biophysical Journal, 2011, 100, 273a.	0.2	0
180	Triazine-Based Vanilloid 1 Receptor Open Channel Blockers: Design, Synthesis, Evaluation, and SAR Analysis. Journal of Medicinal Chemistry, 2011, 54, 7441-7452.	2.9	21
181	Involvement of acidic microenvironment in the pathophysiology of cancer-associated bone pain. Bone, 2011, 48, 100-105.	1.4	89
182	Lipopolysaccharide-induced Pulpitis Up-regulates TRPV1 in Trigeminal Ganglia. Journal of Dental Research, 2011, 90, 1103-1107.	2.5	79
183	Enhanced insulin secretion and sensitization in diabetic mice on chronic treatment with a transient receptor potential vanilloid 1 antagonist. Life Sciences, 2011, 88, 559-563.	2.0	41
184	The airway sensory hyperreactivity syndrome. Pulmonary Pharmacology and Therapeutics, 2011, 24, 263-266.	1.1	35
185	Solid-Phase Synthesis of a Library of Amphipatic Hydantoins. Discovery of New Hits for TRPV1 Blockade. ACS Combinatorial Science, 2011, 13, 458-465.	3.8	10
186	TRPV1: A Therapy Target That Attracts the Pharmaceutical Interests. Advances in Experimental Medicine and Biology, 2011, 704, 637-665.	0.8	28
187	Complex Regulation of TRPV1 and Related Thermo-TRPs: Implications for Therapeutic Intervention. Advances in Experimental Medicine and Biology, 2011, 704, 491-515.	0.8	56

#	Article	IF	Citations
188	Preservation of Acute Pain and Efferent Functions Following Intrathecal Resiniferatoxin-Induced Analgesia in Rats. Journal of Pain, 2011, 12, 991-1003.	0.7	35
190	Climbing Black Pepper (Piper guineense) Seeds as an Antisickling Remedy. , 2011, , 333-343.		7
191	Possible Consequences of Blocking Transient Receptor Potential Vanilloid 1. Current Pharmaceutical Biotechnology, 2011, 12, 102-114.	0.9	9
192	TRP Channels in the Digestive System. Current Pharmaceutical Biotechnology, 2011, 12, 24-34.	0.9	88
193	Disease-Related Changes in TRPV1 Expression and Its Implications for Drug Development. Current Topics in Medicinal Chemistry, 2011, 11, 2192-2209.	1.0	25
194	Therapeutic Targeting of TRPV1 by Resiniferatoxin, from Preclinical Studies to Clinical Trials. Current Topics in Medicinal Chemistry, 2011, 11, 2159-2170.	1.0	85
195	TRPV1 Function in Health and Disease. Current Pharmaceutical Biotechnology, 2011, 12, 130-144.	0.9	55
196	Transient receptor potential vanilloid 1 mediates pain in mice with severe sickle cell disease. Blood, 2011, 118, 3376-3383.	0.6	133
197	Acid-Sensing Ion Channel 3, But Not Capsaicin Receptor TRPV1, Plays a Protective Role in Isoproterenol-Induced Myocardial Ischemia in Mice. Circulation Journal, 2011, 75, 174-178.	0.7	15
198	Acid sensing by visceral afferent neurones. Acta Physiologica, 2011, 201, 63-75.	1.8	89
199	Oral and cutaneous thermosensory profile of selective TRPV1 inhibition by ABT-102 in a randomized healthy volunteer trial. Pain, 2011, 152, 1192-1200.	2.0	102
200	TRP channels: Emerging targets for respiratory disease. , 2011, 130, 371-384.		122
201	Transient receptor potential (TRP) channels as drug targets for diseases of the digestive system. , 2011, 131, 142-170.		197
202	Natural products: An evolving role in future drug discovery. European Journal of Medicinal Chemistry, 2011, 46, 4769-4807.	2.6	681
203	Characterization of 2-(2,6-dichloro-benzyl)-thiazolo[5,4-d]pyrimidin-7-yl]-(4-trifluoromethyl-phenyl)-amine (JNJ-39729209) as a novel TRPV1 antagonist. European Journal of Pharmacology, 2011, 663, 40-50.	1.7	17
204	Immunohistochemical localization of transient receptor potential vanilloid type 1 and insulin receptor substrate 2 and their co-localization with liver-related neurons in the hypothalamus and brainstem. Brain Research, 2011, 1398, 30-39.	1.1	24
205	The Two Faces of Capsaicin. Cancer Research, 2011, 71, 2809-2814.	0.4	219
206	TRPV4 Agonists and Antagonists. Current Topics in Medicinal Chemistry, 2011, 11, 2216-2226.	1.0	157

#	Article	IF	Citations
207	Structural insights into transient receptor potential vanilloid type 1 (TRPV1) from homology modeling, flexible docking, and mutational studies. Journal of Computer-Aided Molecular Design, 2011, 25, 317-327.	1.3	64
208	Effect of a temperature increase in the non-noxious range on proton-evoked ASIC and TRPV1 activity. Pflugers Archiv European Journal of Physiology, 2011, 461, 123-139.	1.3	28
209	Capsaicin-induced vasodilatation in human nasal vasculature is mediated by modulation of cyclooxygenase-2 activity and abrogated by sulprostone. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 613-626.	1.4	7
210	Acute Migraine Therapy: New Drugs and New Approaches. Current Treatment Options in Neurology, 2011, 13, 1-14.	0.7	58
211	Sensory nerve induced inflammation contributes to heterotopic ossification. Journal of Cellular Biochemistry, 2011, 112, 2748-2758.	1.2	129
212	Discovery of potent, soluble and orally active TRPV1 antagonists. Structureâ€“activity relationships of a series of isoxazoles. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4652-4657.	1.0	17
213	Chroman and tetrahydroquinoline ureas as potent TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1338-1341.	1.0	38
214	Identification of potent, soluble, and orally active TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2559-2563.	1.0	16
215	Naphthol derivatives as TRPV1 inhibitors for the treatment of urinary incontinence. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3354-3357.	1.0	10
216	TRPV1 modulators: Structureâ€“activity relationships using a rational combinatorial approach. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3541-3545.	1.0	8
217	Functional imaging within individual pain fibres ex vivo with optical microscopy. Journal of Neuroscience Methods, 2011, 198, 274-279.	1.3	7
218	Synthesis and Biological Evaluation of Nitric Oxide-releasing Derivatives of Capsaicin as Analgesia Drugs. Letters in Drug Design and Discovery, 2011, 8, 76-81.	0.4	3
219	Therapeutic Targeting of TRP Channels - The TR(i)P to Pain Relief. Current Topics in Medicinal Chemistry, 2011, 11, 2118-2130.	1.0	50
220	TRPV1 Signaling: Mechanistic Understanding and Therapeutic Potential. Current Topics in Medicinal Chemistry, 2011, 11, 2180-2191.	1.0	22
221	Activity-dependent targeting of TRPV1 with a pore-permeating capsaicin analog. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8497-8502.	3.3	30
222	Cold Suppresses Agonist-induced Activation of TRPV1. Journal of Dental Research, 2011, 90, 1098-1102.	2.5	22
223	The Chimeric Approach Reveals That Differences in the TRPV1 Pore Domain Determine Species-specific Sensitivity to Block of Heat Activation. Journal of Biological Chemistry, 2011, 286, 39663-39672.	1.6	31
224	Thermoregulatory Phenotype of theTrpv1Knockout Mouse: Thermoeffector Dysbalance with Hyperkinesis. Journal of Neuroscience, 2011, 31, 1721-1733.	1.7	122

#	Article	IF	Citations
225	TRPV1-antagonist AMG9810 promotes mouse skin tumorigenesis through EGFR/Akt signaling. Carcinogenesis, 2011, 32, 779-785.	1.3	52
226	Structure-Activity Relationship of Capsaicin Analogs and Transient Receptor Potential Vanilloid 1-Mediated Human Lung Epithelial Cell Toxicity. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 400-410.	1.3	40
227	New Strategies to Develop Novel Pain Therapies: Addressing Thermoreceptors from Different Points of View. Pharmaceuticals, 2012, 5, 16-48.	1.7	22
228	Role of Transient Receptor Potential Vanilloid 1 in Inflammation and Autoimmune Diseases. Pharmaceuticals, 2012, 5, 837-852.	1.7	45
229	Transient Receptor Potential Vanilloid Type 1â€“Dependent Regulation of Liver-Related Neurons in the Paraventricular Nucleus of the Hypothalamus Diminished in the Type 1 Diabetic Mouse. Diabetes, 2012, 61, 1381-1390.	0.3	45
230	Capsaicin-induced inhibition of platelet aggregation is not mediated by transient receptor potential vanilloid type 1. Blood Coagulation and Fibrinolysis, 2012, 23, 94-97.	0.5	21
231	Fetal ethanol exposure attenuates aversive oral effects of TrpV1, but not TrpA1 agonists in rats. Experimental Biology and Medicine, 2012, 237, 236-240.	1.1	22
232	Identification of the Plant Steroid Î±-Spinasterol as a Novel Transient Receptor Potential Vanilloid 1 Antagonist with Antinociceptive Properties. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 258-269.	1.3	74
233	A Phase 1 Study to Evaluate the Bioavailability and Food Effect of 2 Solidâ€Dispersion Formulations of the TRPV1 Antagonist ABTâ€102, Relative to the Oral Solution Formulation, in Healthy Human Volunteers. Clinical Pharmacology in Drug Development, 2012, 1, 24-31.	0.8	9
234	Pharmacokinetics of the TRPV1 Antagonist ABTâ€102 in Healthy Human Volunteers: Population Analysis of Data From 3 Phase 1 Trials. Journal of Clinical Pharmacology, 2012, 52, 1028-1041.	1.0	25
235	SK channel modulation rescues striatal plasticity and control over habit in cannabinoid tolerance. Nature Neuroscience, 2012, 15, 284-293.	7.1	97
236	Cyclin-Dependent Kinase 5 Controls TRPV1 Membrane Trafficking and the Heat Sensitivity of Nociceptors through KIF13B. Journal of Neuroscience, 2012, 32, 14709-14721.	1.7	74
237	Human Sensory Neuron-specific Mas-related G Protein-coupled Receptors-X1 Sensitize and Directly Activate Transient Receptor Potential Cation Channel V1 via Distinct Signaling Pathways. Journal of Biological Chemistry, 2012, 287, 40956-40971.	1.6	21
238	7-tert-Butyl-6-(4-Chloro-Phenyl)-2-Thioxo-2,3-Dihydro-1H-Pyrido[2,3-d]Pyrimidin-4-One, a Classic Polymodal Inhibitor of Transient Receptor Potential Vanilloid Type 1 with a Reduced Liability for Hyperthermia, Is Analgesic and Ameliorates Visceral Hypersensitivity. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 389-398.	1.3	38
239	Traditional Herbal Management of Sickle Cell Anemia: Lessons from Nigeria. Anemia, 2012, 2012, 1-9.	0.5	49
240	Drug Management of Visceral Pain: Concepts from Basic Research. Pain Research and Treatment, 2012, 2012, 1-18.	1.7	60
242	Deconstructing the Neuropathic Pain Phenotype to Reveal Neural Mechanisms. Neuron, 2012, 73, 638-652.	3.8	689
243	The endocannabinoid N-arachidonoyldopamine (NADA) exerts neuroprotective effects after excitotoxic neuronal damage via cannabinoid receptor 1 (CB1). Neuropharmacology, 2012, 62, 1797-1807.	2.0	23

#	Article	IF	Citations
244	Substance P release in response to cardiac ischemia from rat thoracic spinal dorsal horn is mediated by TRPV1. Neuroscience, 2012, 214, 106-119.	1.1	19
245	Inhibition of airway hyperâ€responsiveness by TRPV1 antagonists (SBâ€705498 and PFâ€04065463) in the unanaesthetized, ovalbuminâ€sensitized guinea pig. British Journal of Pharmacology, 2012, 166, 1822-1832.	2.7	48
246	Effects of CYP-Induced Cystitis on PACAP/VIP and Receptor Expression in Micturition Pathways and Bladder Function in Mice with Overexpression of NGF in Urothelium. Journal of Molecular Neuroscience, 2012, 48, 730-743.	1.1	24
247	Discovery of Novel 5,5-Diarylpentadienamides as Orally Available Transient Receptor Potential Vanilloid 1 (TRPV1) Antagonists. Journal of Medicinal Chemistry, 2012, 55, 3436-3451.	2.9	45
248	Unravelling the Mystery of Capsaicin: A Tool to Understand and Treat Pain. Pharmacological Reviews, 2012, 64, 939-971.	7.1	271
249	The SAR analysis of TRPV1 agonists with the Î±-methylated B-region. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5227-5231.	1.0	5
250	Transient receptor potential vanilloid type 1 and pain development. Current Opinion in Pharmacology, 2012, 12, 9-17.	1.7	71
251	Inhibiting the breakdown of endogenous opioids and cannabinoids to alleviate pain. Nature Reviews Drug Discovery, 2012, 11, 292-310.	21.5	160
252	Why is publication of negative clinical trial data important?. British Journal of Pharmacology, 2012, 167, 1395-1397.	2.7	14
253	TRPV4 and Drug Discovery. Methods in Pharmacology and Toxicology, 2012, , 257-270.	0.1	1
254	Capsaicin Inhalation Test in Man. Methods in Pharmacology and Toxicology, 2012, , 361-370.	0.1	0
255	TRP Channels in the Genitourinary Tract. Methods in Pharmacology and Toxicology, 2012, , 373-395.	0.1	0
256	Investigation of the Possible Role of TRP Channels in Schizophrenia. Methods in Pharmacology and Toxicology, 2012, , 141-151.	0.1	0
257	Methods for the Assessment of Heat Perception in Humans. Methods in Pharmacology and Toxicology, 2012, , 419-436.	0.1	0
258	Olvanil acts on transient receptor potential vanilloid channel 1 and cannabinoid receptors to modulate neuronal transmission in the trigeminovascular system. Pain, 2012, 153, 2226-2232.	2.0	17
259	Effect of Surgical and Chemical Sensory Denervation on Non-neural Expression of the Transient Receptor Potential Vanilloid 1 (TRPV1) Receptors in the Rat. Journal of Molecular Neuroscience, 2012, 48, 795-803.	1.1	29
260	siRNA. BioDrugs, 2012, 26, 401-412.	2.2	10
261	Acute Cold Hypersensitivity Characteristically Induced by Oxaliplatin is Caused by the Enhanced Responsiveness of TRPA1 in Mice. Molecular Pain, 2012, 8, 1744-8069-8-55.	1.0	154

#	Article	IF	Citations
262	N-octanoyl-Dopamine Is an Agonist at the Capsaicin Receptor TRPV1 and Mitigates Is Chemia-Induced Acute Kidney Injury in Rat. PLoS ONE, 2012, 7, e43525.	1.1	37
263	Molecules to Selectively Target Receptors for Treatment of Pain and Neurogenic Inflammation. Recent Patents on Inflammation and Allergy Drug Discovery, 2012, 6, 35-45.	3.9	27
264	Activation of TRPV1 by capsaicin induces functional Kinin B1 receptor in rat spinal cord microglia. Journal of Neuroinflammation, 2012, 9, 16.	3.1	40
265	Neural precursor cells induce cell death of high-grade astrocytomas through stimulation of TRPV1. Nature Medicine, 2012, 18, 1232-1238.	15.2	159
266	Targeting TRPV1 for pain relief: limits, losers and laurels. Expert Opinion on Investigational Drugs, 2012, 21, 1351-1369.	1.9	122
267	Expression of TRPV1 in rabbits and consuming hot pepper affects its body weight. Molecular Biology Reports, 2012, 39, 7583-7589.	1.0	31
268	Chain branching approach in structure modification of TRPV1 receptor antagonist MK056 and its analogs. Archives of Pharmacal Research, 2012, 35, 321-326.	2.7	1
269	Development of PAC-14028, a novel transient receptor potential vanilloid type 1 (TRPV1) channel antagonist as a new drug for refractory skin diseases. Archives of Pharmacal Research, 2012, 35, 393-396.	2.7	41
270	The thermoâ€TRP ion channel family: properties and therapeutic implications. British Journal of Pharmacology, 2012, 165, 787-801.	2.7	236
271	Structureâ€activity relationships of vanilloid receptor agonists for arteriolar TRPV1. British Journal of Pharmacology, 2012, 165, 1801-1812.	2.7	38
272	Acid and stretch, but not capsaicin, are effective stimuli for ATP release in the porcine bladder mucosa: Are ASIC and TRPV1 receptors involved?. European Journal of Pharmacology, 2012, 683, 252-259.	1.7	26
273	Tetrahydro-naphthols as orally available TRPV1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3408-3411.	1.0	4
274	Analysis of laser-induced heating in optical neuronal guidance. Journal of Neuroscience Methods, 2012, 209, 168-177.	1.3	32
275	Oral and topical pharmacokinetic studies of a novel TRPV1 antagonist, PAC-14028 in rats and minipigs using liquid chromatography/tandem mass spectrometric method. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 8-14.	1.4	10
277	Cannabinoid WIN 55,212-2 inhibits TRPV1 in trigeminal ganglion neurons via PKA and PKC pathways. Neurological Sciences, 2012, 33, 79-85.	0.9	21
278	Functionally Important Amino Acid Residues in the Transient Receptor Potential Vanilloid 1 (TRPV1) Ion Channel - An Overview of the Current Mutational Data. Molecular Pain, 2013, 9, 1744-8069-9-30.	1.0	68
279	3D-QSAR analysis of TRPV1 inhibitors reveals a pharmacophore applicable to diverse scaffolds and clinical candidates. Journal of Molecular Graphics and Modelling, 2013, 45, 157-172.	1.3	15
280	The contribution of the endogenous <scp>TRPV1</scp> ligands 9â€<scp>HODE</scp> and 13â€<scp>HODE</scp> to nociceptive processing and their role in peripheral inflammatory pain mechanisms. British Journal of Pharmacology, 2013, 168, 1961-1974.	2.7	45

#	Article	IF	Citations
281	Resiniferatoxin (RTX) Causes a Uniquely Protracted Musculoskeletal Hyperalgesia in Mice by Activation of TRPV1 Receptors. Journal of Pain, 2013, 14, 1629-1641.	0.7	20
282	TRP channels and analgesia. Life Sciences, 2013, 92, 415-424.	2.0	105
283	Vanilloid receptorsâ€"do they have a role in whole body metabolism? Evidence from TRPV1. Journal of Diabetes and Its Complications, 2013, 27, 287-292.	1.2	42
284	Two to tango: GPCR oligomers and GPCR-TRP channel interactions in nociception. Life Sciences, 2013, 92, 438-445.	2.0	21
285	Process Development and Multikilogram-Scale Synthesis of a TRPV1 Antagonist. Organic Process Research and Development, 2013, 17, 1561-1567.	1.3	12
286	Genetic Variation in Putative Salt Taste Receptors and Salt Taste Perception in Humans. Chemical Senses, 2013, 38, 137-145.	1.1	81
287	Metabolic profiling of TRPV1 antagonists of the benzothiazole amide series: implications for in vitro genotoxicity assessment. Xenobiotica, 2013, 43, 201-210.	0.5	6
288	Patients with sickle cell disease have increased sensitivity to cold and heat. American Journal of Hematology, 2013, 88, 37-43.	2.0	127
289	The monoterpene (â€“)â€carvone: A novel agonist of TRPV1 channels. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 212-219.	1.1	22
290	Forced swim-induced musculoskeletal hyperalgesia is mediated by CRF2 receptors but not by TRPV1 receptors. Neuropharmacology, 2013, 72, 29-37.	2.0	31
291	Itch Sensation Through Transient Receptor Potential Channels: A Systematic Review and Relevance to Manual Therapy. Journal of Manipulative and Physiological Therapeutics, 2013, 36, 385-393.	0.4	17
292	Effects of Nefopam on Early Postoperative Hyperalgesia After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 427-435.	0.6	21
293	Activation of rat transient receptor potential cation channel subfamily V member 1 channels by 2-aminoethoxydiphenyl borate. Integrative Medicine Research, 2013, 2, 112-123.	0.7	2
294	Discovery of potent transient receptor potential vanilloid 1 antagonists: Design and synthesis of phenoxyacetamide derivatives. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3154-3156.	1.0	2
295	Altered pharmacology of native rodent spinal cord <scp>TRPV</scp>1 after phosphorylation. British Journal of Pharmacology, 2013, 168, 1015-1029.	2.7	9
296	An oral <scp>TRPV</scp>1 antagonist attenuates laser radiantâ€heatâ€evoked potentials and pain ratings from <scp>UV_B</scp>â€inflamed and normal skin. British Journal of Clinical Pharmacology, 2013, 75, 404-414.	1.1	23
297	Column Chromatography-Free Solution-Phase Synthesis of a Natural Piper-Amide-like Compound Library. ACS Combinatorial Science, 2013, 15, 208-215.	3.8	15
298	Targeting TRP channels for pain relief. European Journal of Pharmacology, 2013, 716, 61-76.	1.7	252

#	Article	IF	Citations
299	Emerging roles of TRPA1 in sensation of oxidative stress and its implications in defense and danger. Archives of Pharmacal Research, 2013, 36, 783-791.	2.7	20
300	Cellular biophysical dynamics and ion channel activities detected by AFM-based nanorobotic manipulator in insulinoma Î²-cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 636-645.	1.7	21
301	Involvement of peripheral cannabinoid and opioid receptors in <scp>Î²</scp>â€caryophylleneâ€induced antinociception. European Journal of Pain, 2013, 17, 664-675.	1.4	110
302	Pharmacological Investigation of NOP-Related Ligands as Analgesics without Abuse Liability. ACS Symposium Series, 2013, , 393-416.	0.5	6
303	CB1 receptor activation in the nucleus accumbens core impairs contextual fear learning. Behavioural Brain Research, 2013, 237, 141-147.	1.2	10
304	Study on TRPV1-mediated mechanism for the hypersecretion of mucus in respiratory inflammation. Molecular Immunology, 2013, 53, 161-171.	1.0	29
305	Local Delivery of Molecules from a Nanopipette for Quantitative Receptor Mapping on Live Cells. Analytical Chemistry, 2013, 85, 9333-9342.	3.2	69
306	The Therapeutic Potential of Nociceptin/Orphanin FQ Receptor Agonists as Analgesics without Abuse Liability. ACS Chemical Neuroscience, 2013, 4, 214-224.	1.7	68
307	Expression of neuronal markers in the endometrium of women with and those without endometriosis. Human Reproduction, 2013, 28, 2502-2510.	0.4	29
308	Mitochondria and plasma membrane Ca²⁺â€ATPase control presynaptic Ca²⁺ clearance in capsaicinâ€sensitive rat sensory neurons. Journal of Physiology, 2013, 591, 2443-2462.	1.3	43
309	The Concise Guide to PHARMACOLOGY 2013/14: Ion Channels. British Journal of Pharmacology, 2013, 170, 1607-1651.	2.7	226
310	Polypeptide Modulators of TRPV1 Produce Analgesia without Hyperthermia. Marine Drugs, 2013, 11, 5100-5115.	2.2	64
311	Paradoxic effects of propofol on visceral pain induced by various TRPV1 agonists. Experimental and Therapeutic Medicine, 2013, 5, 1259-1263.	0.8	2
312	The Orally Administered Selective TRPV1 Antagonist, JTS-653, Attenuates Chronic Pain Refractory to Non-steroidal Anti-inflammatory Drugs in Rats and Mice Including Post-herpetic Pain. Journal of Pharmacological Sciences, 2013, 122, 128-137.	1.1	20
314	TRPV1 Gates Tissue Access and Sustains Pathogenicity in Autoimmune Encephalitis. Molecular Medicine, 2013, 19, 149-159.	1.9	24
315	Peptide and Lipid Modulation of Glutamatergic Afferent Synaptic Transmission in the Solitary Tract Nucleus. Frontiers in Neuroscience, 2012, 6, 191.	1.4	21
316	Neuronal CC chemokines: the distinct roles of CCL21 and CCL2 in neuropathic pain. Frontiers in Cellular Neuroscience, 2014, 8, 210.	1.8	64
317	Implication of Transient Receptor Potential Vanilloid Type 1 in 14,15-Epoxyeicosatrienoic Acid-induced Angiogenesis. International Journal of Biological Sciences, 2014, 10, 990-996.	2.6	18

#	Article	IF	Citations
318	Capsaicinoids in the treatment of neuropathic pain: a review. Therapeutic Advances in Neurological Disorders, 2014, 7, 22-32.	1.5	65
319	Bladder sensory physiology: neuroactive compounds and receptors, sensory transducers, and target-derived growth factors as targets to improve function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R869-R878.	0.9	31
320	Bortezomib Treatment Produces Nocifensive Behavior and Changes in the Expression of TRPV1, CGRP, and Substance P in the Rat DRG, Spinal Cord, and Sciatic Nerve. BioMed Research International, 2014, 2014, 1-19.	0.9	47
321	Intra-articular injection of collagenase in the knee of rats as an alternative model to study nociception associated with osteoarthritis. Arthritis Research and Therapy, 2014, 16, R10.	1.6	68
322	Participation of the TRPV1 receptor in the development of acute gout attacks. Rheumatology, 2014, 53, 240-249.	0.9	42
323	Transient receptor potential channels and occupational exposure. Current Opinion in Allergy and Clinical Immunology, 2014, 14, 77-83.	1.1	27
324	TRPV1: A Potential Drug Target for Treating Various Diseases. Cells, 2014, 3, 517-545.	1.8	115
325	Transient receptor potential (<scp>TRP</scp>) channels: a clinical perspective. British Journal of Pharmacology, 2014, 171, 2474-2507.	2.7	297
326	Constrained TRPV1 agonists synthesized via silver-mediated intramolecular azo-methine ylide cycloaddition of Î±-iminoamides. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 963-968.	1.0	8
327	Ion Channels and Migraine. Headache, 2014, 54, 619-639.	1.8	36
328	Protein kinase D: a new player among the signaling proteins that regulate functions in the nervous system. Neuroscience Bulletin, 2014, 30, 497-504.	1.5	16
329	The effects of juvenile capsaicin desensitization in rats: Behavioral impairments. Physiology and Behavior, 2014, 125, 38-44.	1.0	11
330	Neonatal capsaicin treatment in rats affects TRPV1-related noxious heat sensation and circadian body temperature rhythm. Journal of the Neurological Sciences, 2014, 341, 58-63.	0.3	14
331	Furanocoumarins Are a Novel Class of Modulators for the Transient Receptor Potential Vanilloid Type 1 (TRPV1) Channel. Journal of Biological Chemistry, 2014, 289, 9600-9610.	1.6	37
332	The blockade of transient receptor potential ankirin 1 (<scp>TRPA</scp>1) signalling mediates antidepressantâ€•and anxiolyticâ€‘like actions in mice. British Journal of Pharmacology, 2014, 171, 4289-4299.	2.7	45
333	TRP-channels as key integrators of lipid pathways in nociceptive neurons. Progress in Lipid Research, 2014, 53, 93-107.	5.3	54
334	Effects of eugenol on hepatic glucose production and AMPK signaling pathway in hepatocytes and C57BL/6J mice. FÃ¬toterapÃ¬Â¢, 2014, 93, 150-162.	1.1	35
335	Targeting TRP Channels For Novel Migraine Therapeutics. ACS Chemical Neuroscience, 2014, 5, 1085-1096.	1.7	77

#	Article	IF	Citations
336	The Endocannabinoid/Endovanilloid N-Arachidonoyl Dopamine (NADA) and Synthetic Cannabinoid WIN55,212-2 Abate the Inflammatory Activation of Human Endothelial Cells. Journal of Biological Chemistry, 2014, 289, 13079-13100.	1.6	47
337	Topical analgesics for neuropathic pain: Preclinical exploration, clinical validation, future development. European Journal of Pain, 2014, 18, 465-481.	1.4	64
338	Effects of neonatal treatment with the TRPV1 agonist, capsaicin, on adult rat brain and behaviour. Behavioural Brain Research, 2014, 272, 55-65.	1.2	16
339	Relations between Metabolic Homeostasis, Diet, and Peripheral Afferent Neuron Biology. Advances in Nutrition, 2014, 5, 386-393.	2.9	15
340	Sensitivity Testing in Irritable Bowel Syndrome With Rectal Capsaicin Stimulations: Role of TRPV1 Upregulation and Sensitization in Visceral Hypersensitivity?. American Journal of Gastroenterology, 2014, 109, 99-109.	0.2	81
341	Transient Receptor Potential Channels as Drug Targets: From the Science of Basic Research to the Art of Medicine. Pharmacological Reviews, 2014, 66, 676-814.	7.1	440
342	TRPV1 Antagonism: From Research to Clinic. RSC Drug Discovery Series, 2014, , 186-237.	0.2	1
343	No requirement of TRPV1 in long-term potentiation or long-term depression in the anterior cingulate cortex. Molecular Brain, 2014, 7, 27.	1.3	17
344	The TRPA1 Channel in Inflammatory and Neuropathic Pain and Migraine. Reviews of Physiology, Biochemistry and Pharmacology, 2014, 167, 1-43.	0.9	152
345	Modulation of defensive behavior by Transient Receptor Potential Vanilloid Type-1 (TRPV1) Channels. Neuroscience and Biobehavioral Reviews, 2014, 46, 418-428.	2.9	47
346	A reversible functional sensory neuropathy model. Neuroscience Letters, 2014, 571, 39-44.	1.0	11
347	Neonatal capsaicin treatment in rats induces chronic hyperthermia resulting in infectious disease. Experimental and Therapeutic Medicine, 2015, 10, 2417-2423.	0.8	2
348	Key role of publication of clinical data for target validation. Pharmacology Research and Perspectives, 2015, 3, e00163.	1.1	3
349	Capsinoids suppress fat accumulation via lipid metabolism. Molecular Medicine Reports, 2015, 11, 1669-1674.	1.1	25
350	Targeting TRPV1 for Body Weight Control using TRPV1â^'/â^' Mice and Electroacupuncture. Scientific Reports, 2015, 5, 17366.	1.6	30
351	Comparison of Capsaicin and Capsiateâ€™s Effects at a Meal. Chemosensory Perception, 2015, 8, 174-182.	0.7	8
352	Two TRPV1 receptor antagonists are effective in two different experimental models of migraine. Journal of Headache and Pain, 2015, 16, 57.	2.5	29
353	Ocular transient receptor potential channel function in health and disease. BMC Ophthalmology, 2015, 15, 153.	0.6	33

#	Article	IF	Citations
355	Singleâ€•and multiple dose pharmacokinetics and multiple dose pharmacodynamics of oral <scp>ABT</scp>â€•16 (a <scp>TRPV</scp>1 antagonist) in dogs. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 336-343.	0.6	3
356	Identification of Molecular Fingerprints in Human Heat Pain Thresholds by Use of an Interactive Mixture Model R Toolbox (AdaptGauss). International Journal of Molecular Sciences, 2015, 16, 25897-25911.	1.8	38
357	Photoswitchable fatty acids enable optical control of TRPV1. Nature Communications, 2015, 6, 7118.	5.8	126
358	TRPV1 ligands with hyperthermic, hypothermic and no temperature effects in rats. Temperature, 2015, 2, 297-301.	1.7	21
359	Biological activity of a polypeptide modulator of TRPV1 receptor. Doklady Biological Sciences, 2015, 465, 279-281.	0.2	7
360	Topical Mannitol Reduces Capsaicinâ€Induced Pain: Results of a Pilotâ€Level, Doubleâ€Blind, Randomized Controlled Trial. PM and R, 2015, 7, 1111-1117.	0.9	41
361	Transient receptor potential vanilloid type 1 antagonists: a patent review (2011 â€“ 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 291-318.	2.4	65
362	A novel caffeoyl triterpene attenuates cerebral ischemic injury with potent antiâ€inflammatory and hypothermic effects. Journal of Neurochemistry, 2015, 133, 93-103.	2.1	10
363	Transient receptor potential vanilloid type 1 is vital for (â˜)â€epigallocatechinâ€3â€gallate mediated activation of endothelial nitric oxide synthase. Molecular Nutrition and Food Research, 2015, 59, 646-657.	1.5	23
364	Emerging targets in treating pain. Current Opinion in Anaesthesiology, 2015, 28, 379-397.	0.9	17
365	TRPV1 modulators: Synthesis and inÂvitro evaluation of 1-heteroaryl piperidinecarboxamide and piperazinylurea derivatives. European Journal of Medicinal Chemistry, 2015, 100, 129-138.	2.6	0
366	Synovial TRPV1 is upregulated by 17-Î²-estradiol and involved in allodynia of inflamed temporomandibular joints in female rats. Archives of Oral Biology, 2015, 60, 1310-1318.	0.8	30
367	In silico research to assist the investigation of carboxamide derivatives as potent TRPV1 antagonists. Molecular BioSystems, 2015, 11, 2885-2899.	2.9	9
368	Extracellular pH Regulates Excitability of Vomeronasal Sensory Neurons. Journal of Neuroscience, 2015, 35, 4025-4039.	1.7	34
369	Silencing Nociceptor Neurons Reduces Allergic Airway Inflammation. Neuron, 2015, 87, 341-354.	3.8	299
370	Identification of orally-bioavailable antagonists of the TRPV4 ion-channel. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4011-4015.	1.0	26
371	CB2 and TRPV1 receptors oppositely modulate in vitro human osteoblast activity. Pharmacological Research, 2015, 99, 194-201.	3.1	33
372	The Role of TRPV1 in Acquired Diseases. , 2015, , 35-58.		1

#	Article	IF	Citations
373	Clinical and Preclinical Experience with TRPV1 Antagonists as Potential Analgesic Agents. , 2015, , 129-144.		10
374	Transient Receptor Potential (TRP) Cation Channels in Diabetes. , 2015, , 343-363.		3
375	RPF151, a novel capsaicin-like analogue: in vitro studies and in vivo preclinical antitumor evaluation in a breast cancer model. Tumor Biology, 2015, 36, 7251-7267.	0.8	18
376	Evaluation of the antitumour activity of Rinvanil and Phenylacetylrinvanil on the cervical cancer tumour cell lines HeLa, CaSKi and ViBo. European Journal of Pharmacology, 2015, 758, 129-136.	1.7	7
377	Identifying the integrated neural networks involved in capsaicin-induced pain using fMRI in awake TRPV1 knockout and wild-type rats. Frontiers in Systems Neuroscience, 2015, 9, 15.	1.2	27
378	Î±-Spinasterol, a TRPV1 receptor antagonist, elevates the seizure threshold in three acute seizure tests in mice. Journal of Neural Transmission, 2015, 122, 1239-1247.	1.4	25
379	Analgesic effects of botulinum neurotoxin type A in a model of allyl isothiocyanate- and capsaicin-induced pain in mice. Toxicon, 2015, 94, 23-28.	0.8	20
380	Synthesis of Mavatrep: A Potent Antagonist of Transient Receptor Potential Vanilloid-1. Organic Process Research and Development, 2015, 19, 1774-1783.	1.3	6
381	Alcohol sensory processing and its relevance for ingestion. Physiology and Behavior, 2015, 148, 65-70.	1.0	14
382	Evaluation of Antiâ€inflammatory and Analgesic Effects of Synthesized Derivatives of Ibuprofen. Chemical Biology and Drug Design, 2015, 85, 623-632.	1.5	10
383	Toxic Phytochemicals and Their Potential Risks for Human Cancer. Cancer Prevention Research, 2015, 8, 1-8.	0.7	90
384	Intestinal Fibroblast/Myofibroblast TRP Channels in Inflammatory Bowel Disease. , 0, , .		0
385	Opioids and TRPV1 Receptors. , 2016, , 433-442.		0
386	Vanilloid Receptor 1 Agonists, Capsaicin and Resiniferatoxin, Enhance MHC Class I-restricted Viral Antigen Presentation in Virus-infected Dendritic Cells. Immune Network, 2016, 16, 233.	1.6	14
387	Safety and Efficacy Clinical Trials for SYL1001, a Novel Short Interfering RNA for the Treatment of Dry Eye Disease. , 2016, 57, 6447.		73
388	Tolerability of Capsaicinoids fromCapsicumExtract in a Beadlet Form: A Pilot Study. Journal of Toxicology, 2016, 2016, 1-8.	1.4	10
389	The Role of Visceral Hypersensitivity in Irritable Bowel Syndrome: Pharmacological Targets and Novel Treatments. Journal of Neurogastroenterology and Motility, 2016, 22, 558-574.	0.8	138
390	Harnessing the Therapeutic Potential of Capsaicin and Its Analogues in Pain and Other Diseases. Molecules, 2016, 21, 966.	1.7	128

#	Article	IF	Citations
391	Capsaicin, Nociception and Pain. Molecules, 2016, 21, 797.	1.7	140
392	TRP Channels as Therapeutic Targets in Diabetes and Obesity. Pharmaceuticals, 2016, 9, 50.	1.7	35
393	CPEB3 Deficiency Elevates TRPV1 Expression in Dorsal Root Ganglia Neurons to Potentiate Thermosensation. PLoS ONE, 2016, 11, e0148491.	1.1	11
394	Detailed Analysis of the Binding Mode of Vanilloids to Transient Receptor Potential Vanilloid Type I (TRPV1) by a Mutational and Computational Study. PLoS ONE, 2016, 11, e0162543.	1.1	24
395	Dietary Capsaicin Protects Cardiometabolic Organs from Dysfunction. Nutrients, 2016, 8, 174.	1.7	91
396	Synthesis of Analogues of <scp>BCTC</scp> Incorporating a Pyrrolidinyl Linker and Biological Evaluation as Transient Receptor Potential Vanilloid 1 Antagonists. Chemical Biology and Drug Design, 2016, 87, 306-311.	1.5	9
397	Competitive inhibition of TRPV1â€“calmodulin interaction by vanilloids. FEBS Letters, 2016, 590, 2768-2775.	1.3	8
398	Synthesis of Redshifted Azobenzene Photoswitches by Lateâ€Stage Functionalization. Chemistry - A European Journal, 2016, 22, 4364-4368.	1.7	108
399	Increased xanthine oxidase-related ROS production and TRPV1 synthesis preceding DOMS post-eccentric exercise in rats. Life Sciences, 2016, 152, 52-59.	2.0	16
400	Differential regulation of TRPV1 channels by H2O2: implications for diabetic microvascular dysfunction. Basic Research in Cardiology, 2016, 111, 21.	2.5	35
401	A novel 3-(4,5-diphenyl-1,3-oxazol-2-yl)propanal oxime compound is a potent Transient Receptor Potential Ankyrin 1 and Vanilloid 1 (TRPA1 and V1) receptor antagonist. Neuroscience, 2016, 324, 151-162.	1.1	22
402	Endothelin receptor antagonists in sickle cell disease: A promising new therapeutic approach. Life Sciences, 2016, 159, 15-19.	2.0	13
403	Beyond the classic eicosanoids: Peripherally-acting oxygenated metabolites of polyunsaturated fatty acids mediate pain associated with tissue injury and inflammation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 111, 45-61.	1.0	34
404	TRP functions in the broncho-pulmonary system. Seminars in Immunopathology, 2016, 38, 321-329.	2.8	36
405	Involvement of the TRPV1 receptor in plasma extravasation in airways of rats treated with an angiotensin-converting enzyme inhibitor. Pulmonary Pharmacology and Therapeutics, 2016, 41, 25-33.	1.1	8
406	Preclinical Assessment of Inflammatory Pain. CNS Neuroscience and Therapeutics, 2016, 22, 88-101.	1.9	124
407	Endocannabinoids and Skin Barrier Function: Molecular Pathways and Therapeutic Opportunities. , 2016, , 301-323.		4
408	<scp>TRPV</scp>1 receptor in the human trigeminal ganglion and spinal nucleus: immunohistochemical localization and comparison with the neuropeptides <scp>CGRP</scp> and <scp>SP</scp>. Journal of Anatomy, 2016, 229, 755-767.	0.9	31

#	Article	IF	Citations
409	Drugs Affecting TRP Channels. Handbook of Experimental Pharmacology, 2016, 237, 213-241.	0.9	16
410	Effects of intranasal administration of the peptide antagonist of type I vaniloid receptor (TRPV1) in the rodent central nervous system. Doklady Biological Sciences, 2016, 470, 234-236.	0.2	2
411	TRPV1 is crucial for proinflammatory STAT3 signaling and thermoregulation-associated pathways in the brain during inflammation. Scientific Reports, 2016, 6, 26088.	1.6	56
412	Dextrose Prolotherapy. Physical Medicine and Rehabilitation Clinics of North America, 2016, 27, 783-823.	0.7	77
413	Anti-nociceptive and desensitizing effects of olvanil on capsaicin-induced thermal hyperalgesia in the rat. BMC Pharmacology & Toxicology, 2016, 17, 31.	1.0	17
414	TRP channels: potential drug target for neuropathic pain. Inflammopharmacology, 2016, 24, 305-317.	1.9	71
415	Tyrosine Residue in the TRPV1 Vanilloid Binding Pocket Regulates Deactivation Kinetics. Journal of Biological Chemistry, 2016, 291, 13855-13863.	1.6	17
416	Vanilloids selectively sensitize thermal glutamate release from TRPV1 expressing solitary tract afferents. Neuropharmacology, 2016, 101, 401-411.	2.0	17
417	Why do people living in hot climates like their food spicy?. Temperature, 2016, 3, 52-53.	1.7	3
418	Blocking of TRPV-1 in the parodontium relieves orthodontic pain by inhibiting the expression of TRPV-1 in the trigeminal ganglion during experimental tooth movement in rats. Neuroscience Letters, 2016, 628, 67-72.	1.0	16
419	Arylboronic acids as dual-action FAAH and TRPV1 ligands. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1401-1405.	1.0	13
420	Polymodal Transient Receptor Potential Vanilloid Type 1 Nocisensor. Advances in Protein Chemistry and Structural Biology, 2016, 104, 81-125.	1.0	38
421	Evaluation of the antidepressant- and anxiolytic-like activity of Î±-spinasterol, a plant derivative with TRPV1 antagonistic effects, in mice. Behavioural Brain Research, 2016, 303, 19-25.	1.2	31
422	Development of a Multikilogram Scale Synthesis of a TRPV1 Antagonist. Organic Process Research and Development, 2016, 20, 227-232.	1.3	7
423	Estrogen-dependent up-regulation of TRPA1 and TRPV1 receptor proteins in the rat endometrium. Journal of Molecular Endocrinology, 2016, 56, 135-149.	1.1	57
424	Synthesis of fluorinated isoxazoles using Selectfluorâ„¢: preparation and characterization of 4-fluoroisoxazole, 4,4,5-trifluoroisoxazoline and 4,4-difluoro-5-hydroxyisoxazoline systems from one-pot and multi-step processes. Tetrahedron, 2016, 72, 1690-1698.	1.0	21
425	Effects of chronic exercise on the endocannabinoid system in Wistar rats with high-fat diet-induced obesity. Journal of Physiology and Biochemistry, 2016, 72, 183-199.	1.3	20
426	Neuroimmunity: Physiology and Pathology. Annual Review of Immunology, 2016, 34, 421-447.	9.5	159

#	Article	IF	Citations
427	New approaches to treating pain. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1103-1119.	1.0	35
428	Understanding TRPV1 activation by ligands: Insights from the binding modes of capsaicin and resiniferatoxin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E137-45.	3.3	127
429	Lessons from black pepper: piperine and derivatives thereof. Expert Opinion on Therapeutic Patents, 2016, 26, 245-264.	2.4	31
430	Selective Activation of Nociceptor TRPV1 Channel and Reversal of Inflammatory Pain in Mice by a Novel Coumarin Derivative Muralatin L from Murraya alata. Journal of Biological Chemistry, 2016, 291, 640-651.	1.6	20
431	Transient Receptor Potential (TRP) channels in T cells. Seminars in Immunopathology, 2016, 38, 309-319.	2.8	36
432	Inhibition of TRPV 1 prevented skin irritancy induced by phenoxyethanol. A preliminary in vitro and in vivo study. International Journal of Cosmetic Science, 2017, 39, 11-16.	1.2	13
433	TRPV1 antagonism by piperazinyl-aryl compounds: A Topomer-CoMFA study and its use in virtual screening for identification of novel antagonists. Journal of Molecular Graphics and Modelling, 2017, 72, 112-128.	1.3	8
434	Erythropoietin and <scp>TRPV</scp>1 together in new formation. Acta Physiologica, 2017, 219, 341-342.	1.8	0
435	Ipomoea pes-caprae (L.) R. Br (Convolvulaceae) relieved nociception and inflammation in mice â€“ A topical herbal medicine against effects due to cnidarian venom-skin contact. Journal of Ethnopharmacology, 2017, 200, 156-164.	2.0	12
436	The role of transient receptor potential vanilloid type 1 in unimodal and multimodal object recognition task in rats. Pharmacological Reports, 2017, 69, 526-531.	1.5	6
437	Interaction of capsaicinoids with cell membrane models does not correlate with pungency of peppers. Chemical Physics Letters, 2017, 673, 78-83.	1.2	6
438	Construction of Prediction Models for the Transient Receptor Potential Vanilloid Subtype 1 (TRPV1)-Stimulating Activity of Ginger and Processed Ginger Based on LC-HRMS Data and PLS Regression Analyses. Journal of Agricultural and Food Chemistry, 2017, 65, 3581-3588.	2.4	6
439	Local upregulation of transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1 ion channels in rectosigmoid deep infiltrating endometriosis. Molecular Pain, 2017, 13, 174480691770556.	1.0	33
440	Analgesic Effects of Transcutaneous Ultrasound Nerve Stimulation in a Rat Model of Oxaliplatin-Induced Mechanical Hyperalgesia and Cold Allodynia. Ultrasound in Medicine and Biology, 2017, 43, 1466-1475.	0.7	6
441	Grifolin derivatives from Albatrellus ovinus as <scp>TRPV</scp>1 receptor blockers for cosmetic applications. International Journal of Cosmetic Science, 2017, 39, 379-385.	1.2	6
442	Tricyclic Spirolactones as Modular TRPV1 Synthetic Agonists. ACS Chemical Neuroscience, 2017, 8, 1688-1696.	1.7	5
443	TRPV4 mediates the calcium influx required for Flightless-non-muscle myosin interaction and collagen remodeling. Journal of Cell Science, 2017, 130, 2196-2208.	1.2	29
444	Breaking barriers to novel analgesic drug development. Nature Reviews Drug Discovery, 2017, 16, 545-564.	21.5	258

#	Article	IF	Citations
445	Irritable Bowel Syndrome: The effect of FODMAPs and meditation on pain management. European Journal of Integrative Medicine, 2017, 12, 117-121.	0.8	1
446	Metabolomics analysis identifies different metabotypes of asthma severity. European Respiratory Journal, 2017, 49, 1601740.	3.1	143
447	Transient Receptor Potential Channels in Intestinal Inflammation: What Is the Impact of Cigarette Smoking?. Pathobiology, 2017, 84, 1-15.	1.9	23
448	The Race of 10 Synthetic RNAi-Based Drugs to the Pharmaceutical Market. Pharmaceutical Research, 2017, 34, 1339-1363.	1.7	158
449	Medicinal Chemistry, Pharmacology, and Clinical Implications of TRPV1 Receptor Antagonists. Medicinal Research Reviews, 2017, 37, 936-983.	5.0	99
450	Mediating Role of TRPV1 Ion Channels in the Co-exposure to PM2.5 and Formaldehyde of Balb/c Mice Asthma Model. Scientific Reports, 2017, 7, 11926.	1.6	27
451	Review article: transient receptor potential channels as possible therapeutic targets in irritable bowel syndrome. Alimentary Pharmacology and Therapeutics, 2017, 46, 938-952.	1.9	34
452	Conjugated polymers mediate effective activation of the Mammalian Ion Channel Transient Receptor Potential Vanilloid 1. Scientific Reports, 2017, 7, 8477.	1.6	39
453	Expression of granulocyte colony-stimulating factor 3 receptor in the spinal dorsal horn following spinal nerve ligation-induced neuropathic pain. Molecular Medicine Reports, 2017, 16, 2009-2015.	1.1	7
454	Grip strength in mice with joint inflammation: A rheumatology function test sensitive to pain and analgesia. Neuropharmacology, 2017, 125, 231-242.	2.0	56
455	Mouse retinal ganglion cell signalling is dynamically modulated through parallel anterograde activation of cannabinoid and vanilloid pathways. Journal of Physiology, 2017, 595, 6499-6516.	1.3	28
456	N-Arachidonoyl Dopamine: A Novel Endocannabinoid and Endovanilloid with Widespread Physiological and Pharmacological Activities. Cannabis and Cannabinoid Research, 2017, 2, 183-196.	1.5	34
457	Single mutation in peptide inhibitor of TRPV1 receptor changes its effect from hypothermic to hyperthermic level in animals. Russian Journal of Bioorganic Chemistry, 2017, 43, 509-516.	0.3	4
458	TRPV1: A Potential Therapeutic Target in Type 2 Diabetes and Comorbidities?. Trends in Molecular Medicine, 2017, 23, 1002-1013.	3.5	36
459	Alternative in vitro assays to assess the potency of sensory irritantsâ€"Is one TRP channel enough?. NeuroToxicology, 2017, 60, 178-186.	1.4	11
460	Capsicum: A Natural Pain Modulator. , 2017, , 107-119.		3
461	Cannabinoids and Vanilloids in Schizophrenia: Neurophysiological Evidence and Directions for Basic Research. Frontiers in Pharmacology, 2017, 8, 399.	1.6	25
462	Transient Receptor Potential (TRP) Channels in Drug Discovery: Old Concepts & New Thoughts. Pharmaceuticals, 2017, 10, 64.	1.7	11

#	Article	IF	Citations
463	A Combined Water Extract of Frankincense and Myrrh Alleviates Neuropathic Pain in Mice via Modulation of TRPV1. Neural Plasticity, 2017, 2017, 1-11.	1.0	23
464	Sodium tanshinone IIA sulfonate stimulated Clâ˜ secretion in mouse trachea. PLoS ONE, 2017, 12, e0178226.	1.1	9
465	Next-generation sequencing of the human TRPV1 gene and the regulating co-players LTB4R and LTB4R2 based on a custom AmpliSeqâ„¢ panel. PLoS ONE, 2017, 12, e0180116.	1.1	9
466	Effects of coadministration of low dose cannabinoid type 2 receptor agonist and morphine on vanilloid receptor 1 expression in a rat model of cancer pain. Molecular Medicine Reports, 2017, 16, 7025-7031.	1.1	12
467	TRPV1 gain-of-function mutation impairs pain and itch sensations in mice. Molecular Pain, 2018, 14, 174480691876203.	1.0	20
468	TRPV1 SUMOylation regulates nociceptive signaling in models of inflammatory pain. Nature Communications, 2018, 9, 1529.	5.8	52
469	Investigation of TRPV1 loss-of-function phenotypes in TRPV1 Leu206Stop mice generated by N-ethyl-N-nitrosourea mutagenesis. Biochemical and Biophysical Research Communications, 2018, 500, 456-461.	1.0	2
470	2-Methylacrylamide as a bioisoster of thiourea group for 1,3-dibenzylthioureido TRPV1 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2080-2083.	1.0	4
471	Sensory Stimulation Treatments for Oropharyngeal Dysphagia. Medical Radiology, 2018, , 763-779.	0.0	4
472	Stimulation of TRPV1 channels activates the AP-1 transcription factor. Biochemical Pharmacology, 2018, 150, 160-169.	2.0	16
473	Advancements in drug development for diarrhea-predominant irritable bowel syndrome. Expert Opinion on Investigational Drugs, 2018, 27, 251-263.	1.9	6
474	Ion Channel Sensing: Are Fluctuations the Crux of the Matter?. Journal of Physical Chemistry Letters, 2018, 9, 1260-1264.	2.1	43
475	Progress in understanding mechanisms of opioid-induced gastrointestinal adverse effects and respiratory depression. Neuropharmacology, 2018, 131, 238-255.	2.0	97
476	The research of the possible mechanism and the treatment for capsaicin-induced cough. Pulmonary Pharmacology and Therapeutics, 2018, 49, 1-9.	1.1	17
477	Sensing the heat with TRPM3. Pflugers Archiv European Journal of Physiology, 2018, 470, 799-807.	1.3	33
478	Targeting Transient Receptor Potential Vanilloid 1 (TRPV1) Channel Softly: The Discovery of Passerini Adducts as a Topical Treatment for Inflammatory Skin Disorders. Journal of Medicinal Chemistry, 2018, 61, 4436-4455.	2.9	28
479	Contribution of membrane receptor signalling to chronic visceral pain. International Journal of Biochemistry and Cell Biology, 2018, 98, 10-23.	1.2	29
480	Is heterotopic ossification getting nervous?: The role of the peripheral nervous system in heterotopic ossification. Bone, 2018, 109, 22-27.	1.4	36

#	Article	IF	Citations
481	Natural product modulators of human sensations and mood: molecular mechanisms and therapeutic potential. Chemical Society Reviews, 2018, 47, 1592-1637.	18.7	28
482	Targeting nociceptive transient receptor potential channels to treat chronic pain: current state of the field. British Journal of Pharmacology, 2018, 175, 2185-2203.	2.7	154
483	Activation of astrocytic PAR1 receptors in the rat nucleus of the solitary tract regulates breathing through modulation of presynaptic TRPV1. Journal of Physiology, 2018, 596, 497-513.	1.3	11
484	TRPV1 alterations in urinary bladder dysfunction in a rat model of STZ-induced diabetes. Life Sciences, 2018, 193, 207-213.	2.0	17
485	Do TRPV1 antagonists increase the risk for skin tumourigenesis? A collaborative in vitro and in vivo assessment. Cell Biology and Toxicology, 2018, 34, 143-162.	2.4	14
486	Defining Molecular Initiating Events of Airway Sensory Irritation in Support of Predictive Testing Approaches. Applied in Vitro Toxicology, 2018, 4, 317-331.	0.6	4
487	Differences in the effects of TRPV1 antagonists on energy metabolism in mice . Biomedical Research, 2018, 39, 279-286.	0.3	1
488	Taurine Inhibits TRPV-Dependent Activity to Overcome Oxidative Stress in Caenorhabditis elegans. Biological and Pharmaceutical Bulletin, 2018, 41, 1672-1677.	0.6	7
489	Complex Role of Capsaicin-Sensitive Afferents in the Collagen Antibody-Induced Autoimmune Arthritis of the Mouse. Scientific Reports, 2018, 8, 15916.	1.6	11
490	TRPV1-Like Immunoreactivity in the Human Locus K, a Distinct Subregion of the Cuneate Nucleus. Cells, 2018, 7, 72.	1.8	2
491	Inhibition of TRPV1 Channel Activity in Human CD4+ T Cells by Nanodiamond and Nanoplatinum Liquid, DPV576. Nanomaterials, 2018, 8, 770.	1.9	9
492	Expression of trpv channels during Xenopus laevis embryogenesis. Gene Expression Patterns, 2018, 30, 64-70.	0.3	2
493	Pain-Causing Venom Peptides: Insights into Sensory Neuron Pharmacology. Toxins, 2018, 10, 15.	1.5	27
494	Sympatho-excitatory response to pulmonary chemosensitive spinal afferent activation in anesthetized, vagotomized rats. Physiological Reports, 2018, 6, e13742.	0.7	15
495	Human peptidergic nociceptive sensory neurons generated from human epidermal neural crest stem cells (hEPI-NCSC). PLoS ONE, 2018, 13, e0199996.	1.1	13
496	Evaluation of the antinociceptive and anti-inflammatory activities of piperic acid: Involvement of the cholinergic and vanilloid systems. European Journal of Pharmacology, 2018, 834, 54-64.	1.7	9
497	Visceral Hypersensitivity Through Transient Receptor Potential Vanilloid 1 Channels (TRPV1) in Functional Dyspepsia. , 2018, , 117-126.		0
498	Generation of iPSC-Derived Human Peripheral Sensory Neurons Releasing Substance P Elicited by TRPV1 Agonists. Frontiers in Molecular Neuroscience, 2018, 11, 277.	1.4	33

#	Article	IF	Citations
499	On the inhibition of capsaicin response in dorsal root ganglion neurons by nobilamide B and analogues: a structureâ€“activity relationship study. MedChemComm, 2018, 9, 1673-1678.	3.5	1
500	Analgesic Activity of a Polypeptide Modulator of TRPV1 Receptors. Pharmaceutical Chemistry Journal, 2018, 52, 213-215.	0.3	0
501	Static magnetic field enhances the anticancer efficacy of capsaicin on HepG2 cells via capsaicin receptor TRPV1. PLoS ONE, 2018, 13, e0191078.	1.1	28
502	Update on novel pharmacological therapies for osteoarthritis. Therapeutic Advances in Musculoskeletal Disease, 2019, 11, 1759720X1986449.	1.2	75
503	Marine Toxins and Nociception: Potential Therapeutic Use in the Treatment of Visceral Pain Associated with Gastrointestinal Disorders. Toxins, 2019, 11, 449.	1.5	12
504	Multifunctional TRPV1 Ion Channels in Physiology and Pathology with Focus on the Brain, Vasculature, and Some Visceral Systems. BioMed Research International, 2019, 2019, 1-12.	0.9	47
505	Cutaneous TRPV1+ Neurons Trigger Protective Innate Type 17 Anticipatory Immunity. Cell, 2019, 178, 919-932.e14.	13.5	202
506	TRPV1 Antagonists as Novel Anti-Diabetic Agents: Regulation of Oral Glucose Tolerance and Insulin Secretion Through Reduction of Low-Grade Inflammation?. Medical Sciences (Basel, Switzerland), 2019, 7, 82.	1.3	11
507	Synergy Between Low Dose Metronomic Chemotherapy and the pH-centered Approach Against Cancer. International Journal of Molecular Sciences, 2019, 20, 5438.	1.8	5
508	Nonsteroidal anti-inflammatory drugs and acetaminophen ameliorate muscular mechanical hyperalgesia developed after lengthening contractions via cyclooxygenase-2 independent mechanisms in rats. PLoS ONE, 2019, 14, e0224809.	1.1	7
509	The Pivotal Role of TRP Channels in Homeostasis and Diseases throughout the Gastrointestinal Tract. International Journal of Molecular Sciences, 2019, 20, 5277.	1.8	21
510	Dry Eye Disease: A Review of Epidemiology in Taiwan, and its Clinical Treatment and Merits. Journal of Clinical Medicine, 2019, 8, 1227.	1.0	30
511	The Role of Transient Receptor Potential (TRP) Channels in the Transduction of Dental Pain. International Journal of Molecular Sciences, 2019, 20, 526.	1.8	43
512	Co-administration of Shexiang Baoxin Pill and Chemotherapy Drugs Potentiated Cancer Therapy by Vascular-Promoting Strategy. Frontiers in Pharmacology, 2019, 10, 565.	1.6	10
513	CGRP signalling inhibits NO production through pannexin-1 channel activation in endothelial cells. Scientific Reports, 2019, 9, 7932.	1.6	19
514	Transient receptor potential ion-channel subfamily V member 4: a potential target for cancer treatment. Cell Death and Disease, 2019, 10, 497.	2.7	37
515	Design, synthesis and biological evaluation of novel 2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole triazole derivatives as potent TRPV1 antagonists. European Journal of Medicinal Chemistry, 2019, 178, 433-445.	2.6	13
516	Redox TRPs in diabetes and diabetic complications: Mechanisms and pharmacological modulation. Pharmacological Research, 2019, 146, 104271.	3.1	24

#	Article	IF	Citations
517	Sensory receptor repertoire in cyprid antennules of the barnacle Balanus improvisus. PLoS ONE, 2019, 14, e0216294.	1.1	11
518	Behavioral Compensations and Neuronal Remodeling in a Rodent Model of Chronic Intervertebral Disc Degeneration. Scientific Reports, 2019, 9, 3759.	1.6	26
519	TRPV1 channel contributes to remifentanil-induced postoperative hyperalgesia via regulation of NMDA receptor trafficking in dorsal root ganglion . Journal of Pain Research, 2019, Volume 12, 667-677.	0.8	15
520	Sensory Neuropathy Affects Cardiac miRNA Expression Network Targeting IGF-1, SLC2a-12, EIF-4e, and ULK-2 mRNAs. International Journal of Molecular Sciences, 2019, 20, 991.	1.8	16
521	Functional food development: Insights from TRP channels. Journal of Functional Foods, 2019, 56, 384-394.	1.6	12
522	Photic sneeze reflex: another variant of the trigeminocardiac reflex?. Future Neurology, 2019, 14, FNL32.	0.9	2
523	The immunological anatomy of the skin. Nature Reviews Immunology, 2019, 19, 19-30.	10.6	370
524	Interaction between TRPV1-expressing neurons in the hypothalamus. Journal of Neurophysiology, 2019, 121, 140-151.	0.9	22
525	Inhibition of Transient Receptor Potential Vanilloid 1 Attenuates Bloodâ€“Brain Barrier Disruption after Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2019, 36, 1279-1290.	1.7	21
526	Role of palmitoylethanolamide (PEA) in depression: Translational evidence. Journal of Affective Disorders, 2019, 255, 195-200.	2.0	22
527	The investigation of allosteric regulation mechanism of analgesic effect using SD rat taste bud tissue biosensor. Biosensors and Bioelectronics, 2019, 126, 815-823.	5.3	27
528	Design, synthesis and biological evaluation of N1-(isoquinolin-5-yl)-N2-phenylpyrrolidine-1,2-dicarboxamide derivatives as potent TRPV1 antagonists. Bioorganic Chemistry, 2019, 82, 100-108.	2.0	4
529	A new coumarin from Murraya alata activates TRPV1 channel. Natural Product Research, 2020, 34, 1068-1073.	1.0	5
530	Involvement of TRPV1 and the efficacy of Î±-spinasterol on experimental fibromyalgia symptoms in mice. Neurochemistry International, 2020, 134, 104673.	1.9	17
531	Ca2+-permeable TRPV1 pain receptor knockout rescues memory deficits and reduces amyloid-Î² and tau in a mouse model of Alzheimerâ€™s disease. Human Molecular Genetics, 2020, 29, 228-237.	1.4	23
532	Role of TRPV1 in colonic mucin production and gut microbiota profile. European Journal of Pharmacology, 2020, 888, 173567.	1.7	14
533	Resolvin D1 and D2 Inhibit Transient Receptor Potential Vanilloid 1 and Ankyrin 1 Ion Channel Activation on Sensory Neurons via Lipid Raft Modification. International Journal of Molecular Sciences, 2020, 21, 5019.	1.8	18
534	Vitamin D is an endogenous partial agonist of the transient receptor potential vanilloid 1 channel. Journal of Physiology, 2020, 598, 4321-4338.	1.3	24

#	Article	IF	Citations
535	A Closer Look at Anandamide Interaction With TRPV1. Frontiers in Molecular Biosciences, 2020, 7, 144.	1.6	29
536	Reduction of extracellular sodium evokes nociceptive behaviors in the chicken via activation of TRPV1. Brain Research, 2020, 1747, 147052.	1.1	1
537	In Vivo Photopharmacology Enabled by Multifunctional Fibers. ACS Chemical Neuroscience, 2020, 11, 3802-3813.	1.7	23
538	TRPV1 expressed throughout the arterial circulation regulates vasoconstriction and blood pressure. Journal of Physiology, 2020, 598, 5639-5659.	1.3	37
539	Targeting Chemosensory Ion Channels in Peripheral Swallowing-Related Regions for the Management of Oropharyngeal Dysphagia. International Journal of Molecular Sciences, 2020, 21, 6214.	1.8	13
540	Role of TRP Channels in Shaping the Gut Microbiome. Pathogens, 2020, 9, 753.	1.2	10
541	Transient Receptor Potential (TRP) Channels in Head-and-Neck Squamous Cell Carcinomas: Diagnostic, Prognostic, and Therapeutic Potentials. International Journal of Molecular Sciences, 2020, 21, 6374.	1.8	18
542	An Analysis of the Putative CBD Binding Site in the Ionotropic Cannabinoid Receptors. Frontiers in Cellular Neuroscience, 2020, 14, 615811.	1.8	12
543	Di-(2-ethylhexyl) phthalate limits the pleiotropic effects of statins in chronic kidney disease patients undergoing dialysis and endothelial cells. Environmental Pollution, 2020, 267, 115548.	3.7	8
544	A single TRPV1 amino acid controls species sensitivity to capsaicin. Scientific Reports, 2020, 10, 8038.	1.6	28
545	TRPV1 Responses in the Cerebellum Lobules V, VIa and VII Using Electroacupuncture Treatment for Inflammatory Hyperalgesia in Murine Model. International Journal of Molecular Sciences, 2020, 21, 3312.	1.8	14
546	Multitargeted Compounds Derived from (2,5-Dioxopyrrolidin-1-yl)(phenyl)-Acetamides as Candidates for Effective Anticonvulsant and Antinociceptive Agents. ACS Chemical Neuroscience, 2020, 11, 1996-2008.	1.7	19
547	TRPV1: Structure, Endogenous Agonists, and Mechanisms. International Journal of Molecular Sciences, 2020, 21, 3421.	1.8	71
548	Capsaicin-sensitive fibers mediate periorbital allodynia and activation of inflammatory cells after traumatic brain injury in rats: Involvement of TRPV1 channels in post-traumatic headache. Neuropharmacology, 2020, 176, 108215.	2.0	10
549	Transient Receptor Potential Channels and Inflammatory Bowel Disease. Frontiers in Immunology, 2020, 11, 180.	2.2	27
550	Neuro-immune Interactions in the Tissues. Immunity, 2020, 52, 464-474.	6.6	144
551	Plant-derived seasonings as sodium salt replacers in food. Trends in Food Science and Technology, 2020, 99, 194-202.	7.8	33
552	TRPV1 Antagonist DWP05195 Induces ER Stress-Dependent Apoptosis through the ROS-p38-CHOP Pathway in Human Ovarian Cancer Cells. Cancers, 2020, 12, 1702.	1.7	19

#	Article	IF	Citations
553	A novel approach for detection of functional expression of TRPV1 channels on regenerated neurons following nerve injury. Journal of Oral Science, 2020, 62, 136-139.	0.7	4
554	Prospects for Therapies in Osteoarthritis. Calcified Tissue International, 2021, 109, 339-350.	1.5	37
555	Potential neuro-immune therapeutic targets in irritable bowel syndrome. Therapeutic Advances in Gastroenterology, 2020, 13, 175628482091063.	1.4	18
556	TRPV1-Targeted Drugs in Development for Human Pain Conditions. Drugs, 2021, 81, 7-27.	4.9	91
557	Indazole scaffold: a generalist for marketed and clinical drugs. Medicinal Chemistry Research, 2021, 30, 501-518.	1.1	23
558	Quaternary Lidocaine Derivatives: Past, Present, and Future. Drug Design, Development and Therapy, 2021, Volume 15, 195-207.	2.0	5
559	TRPV1 channels as a newly identified target for vitamin D. Channels, 2021, 15, 360-374.	1.5	6
560	Effective tools for RNA-derived therapeutics: siRNA interference or miRNA mimicry. Theranostics, 2021, 11, 8771-8796.	4.6	50
561	Small extracellular vesicles ameliorate peripheral neuropathy and enhance chemotherapy of oxaliplatin on ovarian cancer. Journal of Extracellular Vesicles, 2021, 10, e12073.	5.5	21
562	A proposed modulatory role of the endocannabinoid system on adipose tissue metabolism and appetite in periparturient dairy cows. Journal of Animal Science and Biotechnology, 2021, 12, 21.	2.1	15
563	Vascular smooth muscle-derived Trpv1+ progenitors are a source of cold-induced thermogenic adipocytes. Nature Metabolism, 2021, 3, 485-495.	5.1	64
564	Toll-like receptor 2 induced senescence in intervertebral disc cells of patients with back pain can be attenuated by o-vanillin. Arthritis Research and Therapy, 2021, 23, 117.	1.6	17
565	Indazole as a Privileged Scaffold: The Derivatives and their Therapeutic Applications. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 839-860.	0.9	20
566	Electroacupuncture reduces cold stress-induced pain through microglial inactivation and transient receptor potential V1 in mice. Chinese Medicine, 2021, 16, 43.	1.6	9
567	Discovery of Methylene Thioacetal-Incorporated Î±-RgIA Analogues as Potent and Stable Antagonists of the Human Î±9Î±10 Nicotinic Acetylcholine Receptor for the Treatment of Neuropathic Pain. Journal of Medicinal Chemistry, 2021, 64, 9513-9524.	2.9	14
568	High-Throughput Screening of TRPV1 Ligands in the Light of the Bioluminescence Resonance Energy Transfer Technique. Molecular Pharmacology, 2021, 100, 237-257.	1.0	6
569	Surfactant cocamide monoethanolamide causes eye irritation by activating nociceptor TRPV1 channels. British Journal of Pharmacology, 2021, 178, 3448-3462.	2.7	4
570	Effects of cigarette smoke on the aggravation of ovalbumin-induced asthma and the expressions of TRPA1 and tight junctions in mice. Molecular Immunology, 2021, 135, 62-72.	1.0	9

#	Article	IF	Citations
572	Advances in TRP channel drug discovery: from target validation to clinical studies. Nature Reviews Drug Discovery, 2022, 21, 41-59.	21.5	206
573	TRPV1 activation induces cell death of TM3 mouse Leydig cells. Journal of Animal Reproduciton and Biotechnology, 2021, 36, 145-153.	0.3	1
574	Pharmacological use of transient receptor potential (TRP) ion channel agonists in neurological disease and aging. , 2021, , 343-353.		0
575	New developments in osteoarthritis pharmacological therapies. Rheumatology, 2021, 60, vi1-vi11.	0.9	10
577	Vanilloid (TRPV1) and Other Transient Receptor Potential Channels. , 0, , 175-213.		1
580	Role of TRPV1 Receptors in Osteoarthritic Pain. , 0, , 175-190.		1
582	Modulation of Urinary Bladder Innervation: TRPV1 and Botulinum Toxin A. Handbook of Experimental Pharmacology, 2011, , 345-374.	0.9	9
583	Dental Pulp Innervation. , 2014, , 75-95.		6
584	Transient Receptor Potential Channels and Itch: How Deep Should We Scratch?. Handbook of Experimental Pharmacology, 2015, 226, 89-133.	0.9	23
585	Synthetic Modulators of TRP Channel Activity. Advances in Experimental Medicine and Biology, 2011, 704, 87-106.	0.8	27
586	Probing temperature and capsaicin-induced activation of TRPV1 channel via computationally guided point mutations in its pore and TRP domains. International Journal of Biological Macromolecules, 2020, 158, 1175-1183.	3.6	3
587	A patent review of transient receptor potential vanilloid type 1 modulators (2014â€“present). Expert Opinion on Therapeutic Patents, 2021, 31, 169-187.	2.4	16
588	The Quaternary Lidocaine Derivative, QX-314, Exerts Biphasic Effects on Transient Receptor Potential Vanilloid Subtype 1 Channels In VitroÂ. Anesthesiology, 2011, 114, 1425-1434.	1.3	27
590	Fungal Seed Pathogens of Wild Chili Peppers Possess Multiple Mechanisms To Tolerate Capsaicinoids. Applied and Environmental Microbiology, 2020, 86, .	1.4	6
591	Dissecting the role of TRPV1 in detecting multiple trigeminal irritants in three behavioral assays for sensory irritation. F1000Research, 2013, 2, 74.	0.8	18
592	Selective Targeting of TRPV1 Expressing Sensory Nerve Terminals in the Spinal Cord for Long Lasting Analgesia. PLoS ONE, 2009, 4, e7021.	1.1	86
593	Distinct BOLD fMRI Responses of Capsaicin-Induced Thermal Sensation Reveal Pain-Related Brain Activation in Nonhuman Primates. PLoS ONE, 2016, 11, e0156805.	1.1	12
594	Capsaicin: A Potential Therapy Adjuvant for Intestinal Bowel Disease. Journal of Digestive Disorders and Diagnosis, 2019, 2, 8-16.	1.0	5

#	Article	IF	Citations
595	ACTIVATION OF TRPV1 BY NITRIC OXIDE DONORS REQUIRES CO-APPLICATION OF SULFHYDRIL-CONTAINING REAGENT. Fiziologicheskii Zhurnal, 2017, 63, 3-9.	0.2	2
596	Heterotopic Ossification Has Some Nerve. Critical Reviews in Eukaryotic Gene Expression, 2010, 20, 313-324.	0.4	34
597	siRNA. BioDrugs, 2012, 26, 401-412.	2.2	5
598	Transient Receptor Potential (TRP) Cation Channels in Diabetes. Current Topics in Medicinal Chemistry, 2013, 13, 258-269.	1.0	20
599	Tumour-Derived Glutamate: Linking Aberrant Cancer Cell Metabolism to Peripheral Sensory Pain Pathways. Current Neuropharmacology, 2017, 15, 620-636.	1.4	13
600	Nociceptor Sensitization by Proinflammatory Cytokines And Chemokines. Open Pain Journal, 2010, 3, 97-107.	0.4	21
601	Changes in TRP Channels Expression in Painful Conditions. Open Pain Journal, 2013, 6, 10-22.	0.4	10
602	The Role of TRP Channels in Migraine. Open Pain Journal, 2013, 6, 37-49.	0.4	15
603	TRPV1 Antagonists as Analgesic Agents. Open Pain Journal, 2013, 6, 108-118.	0.4	29
604	Changes in Spinal Cord Following Inflammatory and Neuropathic Pain and the Effectiveness of Resiniferatoxin. Open Pain Journal, 2016, 9, 1-14.	0.4	7
605	Transient Receptor Potential channels (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	7
606	The endocannabinoid system in sepsis â€“ a potential target to improve microcirculation?. Signa Vitae, 2011, 6, 7.	0.8	6
607	Transient Receptor Potential Vanilloid 1 Agonists as Candidates for Anti-inflammatory Agents. Inflammation and Regeneration, 2011, 31, 95-101.	1.5	1
608	The role of spinal cord vanilloid (TRPV1) receptors in pain modulation. Physiological Research, 2008, 57 Suppl 3, S69-S77.	0.4	49
609	Substance MCS-18 Isolated from Helleborus Purpurascens Is a Potent Antagonist of the Capsaicin Receptor, TRPV1, in Rat Cultured Sensory Neurons. Physiological Research, 2010, 59, 289-298.	0.4	12
610	Parvalbumin and TRPV1 receptor expression in dorsal root ganglion neurons after acute peripheral inflammation. Physiological Research, 2009, 58, 305-309.	0.4	10
611	The Mysteries of Capsaicin-Sensitive Afferents. Frontiers in Physiology, 2020, 11, 554195.	1.3	29
612	Role of oxidative stress & transient receptor potential in chronic obstructive pulmonary disease. Indian Journal of Medical Research, 2015, 142, 245.	0.4	9

#	Article	IF	Citations
613	Discovery of Novel TRPV1 Ligands through Rational Approach Based on Its Putative Endogenous Ligand, 12(S)-HPETE. Bulletin of the Korean Chemical Society, 2010, 31, 1501-1505.	1.0	1
614	Role of Ca²⁺ signaling in skeletal muscle hypertrophy and atrophy. The Journal of Physical Fitness and Sports Medicine, 2015, 4, 171-176.	0.2	4
615	Capsazepine prolongation of the duration of lidocaine block of sensory transmission in mice may be mediated by modulation of HCN channel currents. PeerJ, 2019, 7, e7111.	0.9	3
616	2D vs 3D morphological analysis of dorsal root ganglia in health and painful neuropathy. European Journal of Histochemistry, 2021, 65, .	0.6	3
617	Trophic Factors and Their Receptors in Pain Pathways. , 2009, , 21-45.		1
618	Role of transient receptor potential vanilloid 1 channel in pancreatitis. Academic Journal of Second Military Medical University, 2010, 29, 830-833.	0.0	0
619	Reactive Oxygen Species (ROS) and the Sensory Neurovascular Component. , 2010, , 87-107.		0
620	The Pathophysiological Implications of TRP Channels in Cardiac Arrhythmia. , 0, , .		1
621	Roles of Glia, Immune Cells and the Thermo-TRP Channels, TRPV1, TRPA1 and TRPM8, in Pathological Pain. The Open Neuroscience Journal, 2012, 6, 10-26.	0.8	3
623	Novel Mechanisms of G Protein-Coupled Receptor Oligomer and Ion Channel Interactions in Nociception. Methods in Pharmacology and Toxicology, 2014, , 347-364.	0.1	1
624	TRPV1 channels induce Knee osteoarthritis pain: in vivo patchâ€“clamp analysis. Pain Research, 2014, 29, 171-179.	0.1	1
625	Respiratory Homeostatic Dysfunction, Lower Respiratory Tract Dysfunction. , 2014, , 99-250.		0
626	Herbal Compounds: Important Role as TRPV1 Channel Modulator in Pain Sensation. Postdoc Journal, 0, , .	0.4	0
627	Distinct Reactivity of Transient Receptor Potential Vanilloid Subtype 1 in a Murine Model of Atopic Dermatitis with Serious Scratching. The Open Allergy Journal, 2014, 7, 10-16.	0.5	0
628	Updated Mechanisms of Sickle Cell Disease-Associated Chronic pain. Translational Perioperative and Pain Medicine, 2015, 2, .	0.0	12
629	Transient Receptor Potential Vanilloid 3. , 2018, , 5679-5679.		0
630	Understanding cannabinoid receptors: structure and function. Acta Universitatis Lodziensis Folia Biologica Et Oecologica, 0, 14, 1-13.	1.0	1
631	Features of the pharmacological activity of polypeptide modulators on acid-sensitive ion channels in the experiment. Research Results in Pharmacology, 2019, 5, 65-70.	0.1	0

#	Article	IF	Citations
635	Total Sesquiterpene Glycosides from Loquat Leaves Ameliorate HFD-Induced Insulin Resistance by Modulating IRS-1/GLUT4, TRPV1, and SIRT6/Nrf2 Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	12
636	Endocannabinoid System. , 2021, , 7-56.		0
638	Design, Synthesis, and Evaluation of Isoquinoline Ureas as TRPV1 Antagonists. Medicinal Chemistry, 2020, 16, 202-211.	0.7	2
641	Modulation of excitatory synaptic transmissions by TRPV1 in the spinal trigeminal subnucleus caudalis neurons of neuropathic pain rats. European Journal of Pharmacology, 2021, 913, 174625.	1.7	3
642	Transient Receptor Potential Vanilloid Subtype 1: Potential Role in Infection, Susceptibility, Symptoms and Treatment of COVID-19. Frontiers in Medicine, 2021, 8, 753819.	1.2	8
645	TRPV1: a stress response protein in the central nervous system. American Journal of Neurodegenerative Disease, 2012, 1, 1-14.	0.1	70
647	Updated Mechanisms of Sickle Cell Disease-Associated Chronic pain. Translational Perioperative and Pain Medicine, 2015, 2, 8-17.	0.0	15
648	Effects of the diphenylheptane extract of rhizomes on ethanol-induced gastric ulcers in mice. Iranian Journal of Basic Medical Sciences, 2021, 24, 657-665.	1.0	3
649	The role of TRP ion channels in migraine and headache. Neuroscience Letters, 2022, 768, 136380.	1.0	31
650	Mucin secretory action of capsaicin prevents high fat diet-induced gut barrier dysfunction in C57BL/6 mice colon. Biomedicine and Pharmacotherapy, 2022, 145, 112452.	2.5	16
651	Midbrain Dopamine Neurons Defined by TrpV1 Modulate Psychomotor Behavior. Frontiers in Neural Circuits, 2021, 15, 726893.	1.4	7
652	Conventional and emerging approaches for reducing dietary intake of salt. Food Research International, 2022, 152, 110933.	2.9	23
653	Capsaicin and cancer: Guilty as charged or innocent until proven guilty?. Temperature, 2023, 10, 35-49.	1.7	5
654	Functional Transient Receptor Potential Ankyrin 1 and Vanilloid 1 Ion Channels Are Overexpressed in Human Oral Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2022, 23, 1921.	1.8	12
656	The Role of TRP Channels in Nicotinic Provoked Pain and Irritation from the Oral Cavity and Throat: Translating Animal Data to Humans. Nicotine and Tobacco Research, 2022, , .	1.4	0
657	Anti-Inflammatory Effect of Beta-Caryophyllene Mediated by the Involvement of TRPV1, BDNF and trkB in the Rat Cerebral Cortex after Hypoperfusion/Reperfusion. International Journal of Molecular Sciences, 2022, 23, 3633.	1.8	6
658	Effects of Environmental Heat Load on Endocannabinoid System Components in Adipose Tissue of High Yielding Dairy Cows. Animals, 2022, 12, 795.	1.0	4
659	Therapeutic Approaches to Nociplastic Pain Based on Findings in the Reserpine-Induced Fibromyalgia-Like Animal Model. Journal of Pharmacology and Experimental Therapeutics, 2022, , JPET-MR-2021-001051.	1.3	0

#	Article	IF	Citations
660	Vanilloid agonist-mediated activation of TRPV1 channels requires coordinated movement of the S1â€“S4 bundle rather than a quiescent state. Science Bulletin, 2022, 67, 1062-1076.	4.3	9
661	TRP Channels as Molecular Targets to Relieve Cancer Pain. Biomolecules, 2022, 12, 1.	1.8	27
662	Toll-Like Receptor 4 in Pain: Bridging Molecules-to-Cells-to-Systems. Handbook of Experimental Pharmacology, 2022, , 1.	0.9	1
663	Physiological and Pathological Significance of Esophageal TRP Channels: Special Focus on TRPV4 in Esophageal Epithelial Cells. International Journal of Molecular Sciences, 2022, 23, 4550.	1.8	4
683	TRPV1 and Inflammatory Pain. , 0, , 151-174.		0
684	The desensitization of the transient receptor potential vanilloid 1 by nonpungent agonists and its resensitization by bradykinin. NeuroReport, 2020, 31, 781-786.	0.6	5
686	[6]-shogaol induces CaÂ²â¸ signals by activating the TRPV1 channels in the rat insulinoma INS-1E cells. JOP: Journal of the Pancreas, 2014, 15, 33-7.	1.5	9
687	Transient Receptor Potential Vanilloid1 (TRPV1) Channel Opens Sesame of T Cell Responses and T Cell-Mediated Inflammatory Diseases. Frontiers in Immunology, 2022, 13, .	2.2	4
688	Imaging the influence of peripheral TRPV1-signaling on cerebral nociceptive processing applying fMRI-based graph theory in a resiniferatoxin rat model. PLoS ONE, 2022, 17, e0266669.	1.1	1
689	Evaluating Plasma and Brain TRPV1 Channels in the Animal Model of Episodic and Chronic Migraine: The Possible Role of Somatosensory Cortex TRPV1 in Migraine Transformation. Archives of Neuroscience, 2022, 9, .	0.1	0
690	Venom Peptide Toxins Targeting the Outer Pore Region of Transient Receptor Potential Vanilloid 1 in Pain: Implications for Analgesic Drug Development. International Journal of Molecular Sciences, 2022, 23, 5772.	1.8	3
691	Anatomical Analysis of Transient Potential Vanilloid Receptor 1 (Trpv1+) and Mu-Opioid Receptor (Oprm1+) Co-expression in Rat Dorsal Root Ganglion Neurons. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	5
692	Capsaicin for Weight Control: â€œExercise in a Pillâ€•(or Just Another Fad)?. Pharmaceuticals, 2022, 15, 851.	1.7	13
693	Ambient NO2 exposure induces migraine in rats: Evidence, mechanisms and interventions. Science of the Total Environment, 2022, 844, 157102.	3.9	7
694	Identification of a Partial and Selective TRPV1 Agonist CPIPC for Alleviation of Inflammatory Pain. Molecules, 2022, 27, 5428.	1.7	5
695	Human milk oligosaccharide 2'-fucosyllactose promotes melanin degradation via the autophagic AMPKâ€“ULK1 signaling axis. Scientific Reports, 2022, 12, .	1.6	2
696	Acrid and Bitter Chinese Herbs in Decoction Effectively Relieve Lung Inflammation and Regulation of TRPV1/TAS2R14 Channels in a Rat Asthmatic Model. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	1
697	Effect of electroacupuncture on cyclic adenosine monophosphate-protein kinase A-vanillic acid receptor subtype 1 of the transient receptor potential/PLK-protein kinase C-vanillic acid receptor subtype 1 of the transient receptor potential pathway based on RNA-seq analysis in prostate tissue in rats with chronic prostatitis/chronic pelvic pain syndrome. Frontiers in Neuroscience, 0, 16, .	1.4	4

#	Article	IF	Citations
698	Role of Src kinase in regulating protein kinase C mediated phosphorylation of <scp>TRPV1</scp>. European Journal of Pain, 2022, 26, 1967-1978.	1.4	6
699	Magnetothermal Modulation of Calciumâ€Dependent Nerve Growth. Advanced Functional Materials, 2022, 32, .	7.8	9
700	Transcriptional landscape of TRPV1, TRPA1, TRPV4, and TRPM8 channels throughout human tissues. Life Sciences, 2022, 308, 120977.	2.0	5
701	N-Methylamide-structured SB366791 derivatives with high TRPV1 antagonistic activity: toward PET radiotracers to visualize TRPV1. RSC Medicinal Chemistry, 2022, 13, 1197-1204.	1.7	2
702	Dextrose-Based Perineural Injection Treatment, and Ultrasound Hydrodissection. , 2022, , 375-395.		0
704	The Single-Cell Revelation of Thermogenic Adipose Tissue. Molecules and Cells, 2022, 45, 673-684.	1.0	2
706	Dithiolâ€Activated Bioorthogonal Chemistry for Endoplasmic Reâ€ticulumâ€Targeted Synergistic Chemophototherapy. Angewandte Chemie, 0, , .	1.6	0
707	Research progress and challenges of TRPV1 channel modulators as a prospective therapy for diabetic neuropathic pain. European Journal of Medicinal Chemistry, 2023, 245, 114893.	2.6	8
708	Dithiolâ€Activated Bioorthogonal Chemistry for Endoplasmic Reticulumâ€Targeted Synergistic Chemophototherapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	13
709	Transient Receptor Potential Vanilloid 1 Signaling Is Independent on Protein Kinase A Phosphorylation of Ankyrin-Rich Membrane Spanning Protein. Medical Sciences (Basel, Switzerland), 2022, 10, 63.	1.3	0
710	Topical Ocular TRPV1 Antagonist SAF312 (Libvatrep) Demonstrates Safety, Low Systemic Exposure, and No Anesthetic Effect in Healthy Participants. Translational Vision Science and Technology, 2022, 11, 15.	1.1	3
711	The FKBP51 Inhibitor SAFit2 Restores the Pain-Relieving C16 Dihydroceramide after Nerve Injury. International Journal of Molecular Sciences, 2022, 23, 14274.	1.8	3
712	Capsazepine antagonizes TRPV1 activation induced by thermal and osmotic stimuli in human odontoblast-like cells. Journal of Oral Biology and Craniofacial Research, 2023, 13, 71-77.	0.8	1
713	Dietary Capsaicin: A Spicy Way to Improve Cardio-Metabolic Health?. Biomolecules, 2022, 12, 1783.	1.8	3
714	Capsaicin-Induced Endocytosis of Endogenous Presynaptic CaV2.2 in DRG-Spinal Cord Co-Cultures Inhibits Presynaptic Function. Function, 2022, 4, .	1.1	0
715	New Frontiers on ER Stress Modulation: Are TRP Channels the Leading Actors?. International Journal of Molecular Sciences, 2023, 24, 185.	1.8	5
716	An ensemble docking-based virtual screening according to different TRPV1 pore states toward identifying phytochemical activators. New Journal of Chemistry, 0, , .	1.4	0
717	Progress in the Structural Basis of thermoTRP Channel Polymodal Gating. International Journal of Molecular Sciences, 2023, 24, 743.	1.8	5

#	Article	IF	Citations
718	Central Nervous System Nanotechnology. Micro/Nano Technologies, 2023, , 655-692.	0.1	0
719	Natural Active Ingredients and TRPV1 Modulation: Focus on Key Chemical Moieties Involved in Ligandâ€“Target Interaction. Plants, 2023, 12, 339.	1.6	1
720	Vascular and Neural Response to Focal Vibration, Sensory Feedback, and Piezo Ion Channel Signaling. , 2023, 2, 42-90.		0
721	Electroacupuncture Alleviates Diabetic Neuropathic Pain and Downregulates p-PKC and TRPV1 in Dorsal Root Ganglions and Spinal Cord Dorsal Horn. Evidence-based Complementary and Alternative Medicine, 2023, 2023, 1-14.	0.5	1
723	Novel neuroendocrine role of Î³-aminobutyric acid and gastrin-releasing peptide in the host response to influenza infection. Mucosal Immunology, 2023, , .	2.7	0
724	5â€Alkoxyâ€1â€arylâ€3â€polyfluoroalkylpyrazoles with Antinociceptive Activity: Partial Agonists of TRPV1 Ion Channels. ChemMedChem, 2023, 18, .	1.6	1
729	TRP (transient receptor potential) ion channel family: structures, biological functions and therapeutic interventions for diseases. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	20
732	Indazole as a privileged scaffold in drug discovery. , 2023, , 199-226.		0
739	Evaluation of Potential Anxiolytic Activity of TRPV1 Antagonists Using Pharmacophore-Based Virtual Screening. Engineering Materials, 2024, , 209-234.	0.3	0