

# Xinzhong Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7061489/publications.pdf>

Version: 2024-02-01

134  
papers

13,038  
citations

34493

54  
h-index

29333

108  
g-index

144  
all docs

144  
docs citations

144  
times ranked

11840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensory neuron-expressed TRPC3 mediates acute and chronic itch. <i>Pain</i> , 2023, 164, 98-110.	2.0	10
2	Cluster Analysis of Circulating Plasma Biomarkers in Prurigo Nodularis Reveals a Distinct Systemic Inflammatory Signature in African Americans. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1300-1308.e3.	0.3	21
3	Synchronized cluster firing, a distinct form of sensory neuron activation, drives spontaneous pain. <i>Neuron</i> , 2022, 110, 209-220.e6.	3.8	38
4	Scratching the surface of itch receptors. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 168-170.	4.0	3
5	Synthesis and Biological Characterization of a Series of 2-Sulfonamidebenzamides as Allosteric Modulators of MrgX1. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 841-847.	1.3	1
6	Biliverdin reductase bridges focal adhesion kinase to Src to modulate synaptic signaling. <i>Science Signaling</i> , 2022, 15, eabh3066.	1.6	4
7	Transcription Factor MAFA Regulates Mechanical Sensation by Modulating Piezo2 Expression. <i>Neuroscience Bulletin</i> , 2022, , .	1.5	1
8	Miswiring of Merkel cell and pruriceptive C fiber drives the itch-scratch cycle. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	13
9	Peripheral mechanisms of chronic pain. <i>Medical Review</i> , 2022, 2, 251-270.	0.3	10
10	MRGPRX2 Activation Causes Increased Skin Reactivity in Patients with Chronic Spontaneous Urticaria. <i>Journal of Investigative Dermatology</i> , 2021, 141, 678-681.e2.	0.3	43
11	A basophil-neuronal axis promotes itch. <i>Cell</i> , 2021, 184, 422-440.e17.	13.5	130
12	Parathyroid hormone attenuates osteoarthritis pain by remodeling subchondral bone in mice. <i>ELife</i> , 2021, 10, .	2.8	34
13	Activation of MrgprA3 and MrgprC11 on Bladder-Innervating Afferents Induces Peripheral and Central Hypersensitivity to Bladder Distension. <i>Journal of Neuroscience</i> , 2021, 41, 3900-3916.	1.7	9
14	Pruriception and neuronal coding in nociceptor subtypes in human and nonhuman primates. <i>ELife</i> , 2021, 10, .	2.8	32
15	Transcriptomic analysis of atopic dermatitis in African Americans is characterized by Th2/Th17-centered cutaneous immune activation. <i>Scientific Reports</i> , 2021, 11, 11175.	1.6	28
16	Population Coding of Capsaicin Concentration by Sensory Neurons Revealed Using Ca <sup>2+</sup> Imaging of Dorsal Root Ganglia Explants from Adult pirt-GCaMP3 Mouse. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 428-448.	1.1	4
17	Secondary (iso)BAs cooperate with endogenous ligands to activate FXR under physiological and pathological conditions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166153.	1.8	5
18	A group of cationic amphiphilic drugs activates MRGPRX2 and induces scratching behavior in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 506-522.e8.	1.5	29

#	ARTICLE	IF	CITATIONS
19	Prurigo Nodularis Is Characterized by Systemic and Cutaneous T Helper 22 Immune Polarization. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2208-2218.e14.	0.3	54
20	Calcium imaging in population of dorsal root ganglion neurons unravels novel mechanisms of visceral pain sensitization and referred somatic hypersensitivity. <i>Pain</i> , 2021, 162, 1068-1081.	2.0	22
21	Astrocytes contribute to pain gating in the spinal cord. <i>Science Advances</i> , 2021, 7, eabi6287.	4.7	40
22	Role of primary sensory neurone cannabinoid type-1 receptors in pain and the analgesic effects of the peripherally acting agonist CB-13 in mice. <i>British Journal of Anaesthesia</i> , 2021, , .	1.5	2
23	Activation of $\mu$ - $\tau$ opioid receptor heteromers inhibits neuropathic pain behavior in rodents. <i>Pain</i> , 2020, 161, 842-855.	2.0	43
24	Acute activation of bronchopulmonary vagal nociceptors by type I interferons. <i>Journal of Physiology</i> , 2020, 598, 5541-5554.	1.3	24
25	Neuropathic Itch. <i>Cells</i> , 2020, 9, 2263.	1.8	10
26	The odorant receptor OR2W3 on airway smooth muscle evokes bronchodilation via a cooperative chemosensory tradeoff between TMEM16A and CFTR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28485-28495.	3.3	11
27	Neural Mechanisms of Itch. <i>Annual Review of Neuroscience</i> , 2020, 43, 187-205.	5.0	54
28	Nociceptor $\mu$ -Mast Cell Sensory Clusters as Regulators of Skin Homeostasis. <i>Trends in Neurosciences</i> , 2020, 43, 130-132.	4.2	22
29	Aberrant subchondral osteoblastic metabolism modifies NaV1.8 for osteoarthritis. <i>ELife</i> , 2020, 9, .	2.8	34
30	Role of peripheral sensory neuron mu-opioid receptors in nociceptive, inflammatory, and neuropathic pain. <i>Regional Anesthesia and Pain Medicine</i> , 2020, 45, 907-916.	1.1	9
31	Facilitation of MrgprD by TRPA1 promotes neuropathic pain. <i>FASEB Journal</i> , 2019, 33, 1360-1373.	0.2	55
32	Development of a Mouse Pain Scale Using Sub-second Behavioral Mapping and Statistical Modeling. <i>Cell Reports</i> , 2019, 28, 1623-1634.e4.	2.9	65
33	A Connective Tissue Mast-Cell-Specific Receptor Detects Bacterial Quorum-Sensing Molecules and Mediates Antibacterial Immunity. <i>Cell Host and Microbe</i> , 2019, 26, 114-122.e8.	5.1	89
34	A Mast Cell $\mu$ -Specific Receptor Is Critical for Granuloma Induced by Intrathecal Morphine Infusion. <i>Journal of Immunology</i> , 2019, 203, 1701-1714.	0.4	26
35	FAM19A1, a brain $\mu$ -enriched and metabolically responsive neurokinin, regulates food intake patterns and mouse behaviors. <i>FASEB Journal</i> , 2019, 33, 14734-14747.	0.2	20
36	Diacylglycerol kinase $\beta$ promotes allergic airway inflammation and airway hyperresponsiveness through distinct mechanisms. <i>Science Signaling</i> , 2019, 12, .	1.6	20

#	ARTICLE	IF	CITATIONS
37	A Pungent and Painful Toxin. <i>Cell</i> , 2019, 178, 1279-1281.	13.5	4
38	Discovery of Benzamidine- and 1-Aminoisoquinoline-Based Human MAS-Related G-Protein-Coupled Receptor X1 (MRGPRX1) Agonists. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8631-8641.	2.9	19
39	Cholestatic pruritus: Emerging mechanisms and therapeutics. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 1371-1378.	0.6	23
40	Spicy Immunity: Pain to Gain. <i>Immunity</i> , 2019, 51, 426-428.	6.6	3
41	A Mast-Cell-Specific Receptor Mediates Neurogenic Inflammation and Pain. <i>Neuron</i> , 2019, 101, 412-420.e3.	3.8	237
42	Adjacent intact nociceptive neurons drive the acute outburst of pain following peripheral axotomy. <i>Scientific Reports</i> , 2019, 9, 7651.	1.6	11
43	Subchondral bone osteoclasts induce sensory innervation and osteoarthritis pain. <i>Journal of Clinical Investigation</i> , 2019, 129, 1076-1093.	3.9	239
44	MRGPRX4 is a G protein-coupled receptor activated by bile acids that may contribute to cholestatic pruritus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10525-10530.	3.3	100
45	Clonal V $\beta$ 6 <sup>+</sup> V $\gamma$ 4 <sup>+</sup> T cells promote IL-17-mediated immunity against <i>Staphylococcus aureus</i> skin infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10917-10926.	3.3	75
46	Activation of Mast-Cell-Expressed Mas-Related G-Protein-Coupled Receptors Drives Non-histaminergic Itch. <i>Immunity</i> , 2019, 50, 1163-1171.e5.	6.6	213
47	Development and application of a high-content virion display human GPCR array. <i>Nature Communications</i> , 2019, 10, 1997.	5.8	13
48	Pirt deficiency has subtle female-specific effects on energy and glucose metabolism in mice. <i>Molecular Metabolism</i> , 2019, 23, 75-81.	3.0	6
49	Calcium imaging approaches in investigation of pain mechanism in the spinal cord. <i>Experimental Neurology</i> , 2019, 317, 129-132.	2.0	7
50	Effects of ginger constituent 6-gingerol on gastroesophageal vagal afferent C-fibers. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13585.	1.6	7
51	Sphingosine-1-phosphate activates mouse vagal airway afferent C-fibres via S1PR3 receptors. <i>Journal of Physiology</i> , 2019, 597, 2007-2019.	1.3	23
52	MrgprX1 mediates neuronal excitability and itch through tetrodotoxin-resistant sodium channels. <i>Itch (Philadelphia, Pa)</i> , 2019, 4, e28-e28.	1.0	16
53	House dust mites activate nociceptor-mast cell clusters to drive type 2 skin inflammation. <i>Nature Immunology</i> , 2019, 20, 1435-1443.	7.0	196
54	Sensory innervation in porous endplates by Netrin-1 from osteoclasts mediates PGE2-induced spinal hypersensitivity in mice. <i>Nature Communications</i> , 2019, 10, 5643.	5.8	72

#	ARTICLE	IF	CITATIONS
55	STIM1 thermosensitivity defines the optimal preference temperature for warm sensation in mice. <i>Cell Research</i> , 2019, 29, 95-109.	5.7	17
56	Role of P2X3 receptors in scratching behavior in mouse models. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1252-1254.e8.	1.5	15
57	Prostaglandin E2 mediates sensory nerve regulation of bone homeostasis. <i>Nature Communications</i> , 2019, 10, 181.	5.8	152
58	Activation of pruritogenic TGR5, MrgprA3, and MrgprC11 on colon-innervating afferents induces visceral hypersensitivity. <i>JCI Insight</i> , 2019, 4, .	2.3	59
59	Neuronal Fc $\epsilon$ RI mediates acute and chronic joint pain. <i>Journal of Clinical Investigation</i> , 2019, 129, 3754-3769.	3.9	30
60	Identification of a bilirubin receptor that may mediate a component of cholestatic itch. <i>ELife</i> , 2019, 8, .	2.8	86
61	Mrgprs on vagal sensory neurons contribute to bronchoconstriction and airway hyper-responsiveness. <i>Nature Neuroscience</i> , 2018, 21, 324-328.	7.1	46
62	Saikosaponin A inhibits compound 48/80-induced pseudo-allergy via the Mrgprx2 pathway in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2018, 148, 147-154.	2.0	56
63	Peripheral and Central Mechanisms of Itch. <i>Neuron</i> , 2018, 98, 482-494.	3.8	250
64	Peripherally Acting $\mu$ -Opioid Receptor Agonists Attenuate Ongoing Pain-associated Behavior and Spontaneous Neuronal Activity after Nerve Injury in Rats. <i>Anesthesiology</i> , 2018, 128, 1220-1236.	1.3	39
65	Investigation of Pain Mechanisms by Calcium Imaging Approaches. <i>Neuroscience Bulletin</i> , 2018, 34, 194-199.	1.5	42
66	Visualization of Peripheral Neuron Sensitization in a Surgical Mouse Model of Osteoarthritis by In Vivo Calcium Imaging. <i>Arthritis and Rheumatology</i> , 2018, 70, 88-97.	2.9	41
67	A disease mutation reveals a role for Nav1.9 in acute itch. <i>Journal of Clinical Investigation</i> , 2018, 128, 5434-5447.	3.9	42
68	Matrine inhibits itching by lowering the activity of calcium channel. <i>Scientific Reports</i> , 2018, 8, 11328.	1.6	17
69	Melanotan II causes hypothermia in mice by activation of mast cells and stimulation of histamine 1 receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E357-E366.	1.8	7
70	Oligomerization of MrgC11 and $\mu$ -opioid receptors in sensory neurons enhances morphine analgesia. <i>Science Signaling</i> , 2018, 11, .	1.6	16
71	Targeting human Mas-related G protein-coupled receptor X1 to inhibit persistent pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1996-E2005.	3.3	53
72	Leaky Gate Model: Intensity-Dependent Coding of Pain and Itch in the Spinal Cord. <i>Neuron</i> , 2017, 93, 840-853.e5.	3.8	131

#	ARTICLE	IF	CITATIONS
73	Adult enteric nervous system in health is maintained by a dynamic balance between neuronal apoptosis and neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3709-E3718.	3.3	208
74	An Intrinsic Epigenetic Barrier for Functional Axon Regeneration. <i>Neuron</i> , 2017, 94, 337-346.e6.	3.8	130
75	Electroacupuncture Promotes Central Nervous System-Dependent Release of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017, 35, 1303-1315.	1.4	37
76	MRGPRX2 is essential for sinomenine hydrochloride induced anaphylactoid reactions. <i>Biochemical Pharmacology</i> , 2017, 146, 214-223.	2.0	54
77	Use of the relative release index for histamine in LAD2 cells to evaluate the potential anaphylactoid effects of drugs. <i>Scientific Reports</i> , 2017, 7, 13714.	1.6	37
78	Typical antimicrobials induce mast cell degranulation and anaphylactoid reactions via MRGPRX2 and its murine homologue MRGPRB2. <i>European Journal of Immunology</i> , 2017, 47, 1949-1958.	1.6	62
79	Mas-Related G Protein-Coupled Receptors and the Biology of Itch Sensation. <i>Annual Review of Genetics</i> , 2017, 51, 103-121.	3.2	97
80	A hypomorphic PIGA gene mutation causes severe defects in neuron development and susceptibility to complement-mediated toxicity in a human iPSC model. <i>PLoS ONE</i> , 2017, 12, e0174074.	1.1	13
81	Distinct and common expression of receptors for inflammatory mediators in vagal nodose versus jugular capsaicin-sensitive/TRPV1-positive neurons detected by low input RNA sequencing. <i>PLoS ONE</i> , 2017, 12, e0185985.	1.1	75
82	Investigating the role of MRGPC11 and capsaicin-sensitive afferent nerves in the anti-influenza effects exerted by SLIGRL-amide in murine airways. <i>Respiratory Research</i> , 2016, 17, 62.	1.4	7
83	miR-365 targets $\beta$ -arrestin 2 to reverse morphine tolerance in rats. <i>Scientific Reports</i> , 2016, 6, 38285.	1.6	44
84	The cell biology of acute itch. <i>Journal of Cell Biology</i> , 2016, 213, 155-161.	2.3	58
85	Coupled Activation of Primary Sensory Neurons Contributes to Chronic Pain. <i>Neuron</i> , 2016, 91, 1085-1096.	3.8	216
86	Simultaneous optical and electrical in vivo analysis of the enteric nervous system. <i>Nature Communications</i> , 2016, 7, 11800.	5.8	51
87	In vivo characterization of distinct modality-specific subsets of somatosensory neurons using GCaMP. <i>Science Advances</i> , 2016, 2, e1600990.	4.7	87
88	Activation of cannabinoid CB1 receptor contributes to suppression of spinal nociceptive transmission and inhibition of mechanical hypersensitivity by $A\beta$ -fiber stimulation. <i>Pain</i> , 2016, 157, 2582-2593.	2.0	50
89	Functional Coupling with Cardiac Muscle Promotes Maturation of hPSC-Derived Sympathetic Neurons. <i>Cell Stem Cell</i> , 2016, 19, 95-106.	5.2	91
90	Activation of Peripheral $\mu$ -opioid Receptors by Dermorphin [ $\beta$ -Arg2, Lys4] (1-4) Amide Leads to Modality-preferred Inhibition of Neuropathic Pain. <i>Anesthesiology</i> , 2016, 124, 706-720.	1.3	40

#	ARTICLE	IF	CITATIONS
91	Mas-Related G Protein-Coupled Receptors Offer Potential New Targets for Pain Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2016, 904, 87-103.	0.8	18
92	Voltage-gated potassium channels involved in regulation of physiological function in MrgprA3-specific itch neurons. <i>Brain Research</i> , 2016, 1636, 161-171.	1.1	11
93	Trp channels and itch. <i>Seminars in Immunopathology</i> , 2016, 38, 293-307.	2.8	63
94	Different activation signals induce distinct mast cell degranulation strategies. <i>Journal of Clinical Investigation</i> , 2016, 126, 3981-3998.	3.9	285
95	Pirt Contributes to Uterine Contraction-Induced Pain in Mice. <i>Molecular Pain</i> , 2015, 11, s12990-015-0054.	1.0	17
96	Tmem100 Is a Regulator of TRPA1-TRPV1 Complex and Contributes to Persistent Pain. <i>Neuron</i> , 2015, 85, 833-846.	3.8	143
97	Redefining the concept of protease-activated receptors: cathepsin S evokes itch via activation of Mrgprs. <i>Nature Communications</i> , 2015, 6, 7864.	5.8	95
98	Supporting itch: a new role for astrocytes in chronic itch. <i>Nature Medicine</i> , 2015, 21, 841-842.	15.2	14
99	Selective keratinocyte stimulation is sufficient to evoke nociception in mice. <i>Pain</i> , 2015, 156, 656-665.	2.0	121
100	Discovery and Characterization of 2-((Cyclopropanesulfonamido)amino)-N-(2-ethoxyphenyl)benzamide, ML382: a Potent and Selective Positive Allosteric Modulator of MrgX1. <i>ChemMedChem</i> , 2015, 10, 57-61.	1.6	11
101	Identification of a mast-cell-specific receptor crucial for pseudo-allergic drug reactions. <i>Nature</i> , 2015, 519, 237-241.	13.7	926
102	Electrical stimulation of low-threshold afferent fibers induces a prolonged synaptic depression in lamina II dorsal horn neurons to high-threshold afferent inputs in mice. <i>Pain</i> , 2015, 156, 1008-1017.	2.0	63
103	Development and Evaluation of Small Peptidomimetic Ligands to Protease-Activated Receptor-2 (PAR2) through the Use of Lipid Tethering. <i>PLoS ONE</i> , 2014, 9, e99140.	1.1	16
104	Enhanced excitability of MRGPRA3- and MRGPRD-positive nociceptors in a model of inflammatory itch and pain. <i>Brain</i> , 2014, 137, 1039-1050.	3.7	97
105	Sensory neurons and circuits mediating itch. <i>Nature Reviews Neuroscience</i> , 2014, 15, 19-31.	4.9	259
106	Central Terminal Sensitization of TRPV1 by Descending Serotonergic Facilitation Modulates Chronic Pain. <i>Neuron</i> , 2014, 81, 873-887.	3.8	262
107	Peptidomimetics of Arg-Phe-NH <sub>2</sub> as small molecule agonists of Mas-related gene C (MrgC) receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5831-5837.	1.4	5
108	Three functionally distinct classes of C-fibre nociceptors in primates. <i>Nature Communications</i> , 2014, 5, 4122.	5.8	85

#	ARTICLE	IF	CITATIONS
109	Generation of Multipotent Induced Neural Crest by Direct Reprogramming of Human Postnatal Fibroblasts with a Single Transcription Factor. <i>Cell Stem Cell</i> , 2014, 15, 497-506.	5.2	128
110	Itch Mechanisms and Circuits. <i>Annual Review of Biophysics</i> , 2014, 43, 331-355.	4.5	148
111	A subpopulation of nociceptors specifically linked to itch. <i>Nature Neuroscience</i> , 2013, 16, 174-182.	7.1	477
112	A long noncoding RNA contributes to neuropathic pain by silencing <i>Kcna2</i> in primary afferent neurons. <i>Nature Neuroscience</i> , 2013, 16, 1024-1031.	7.1	319
113	Conventional and Kilohertz-frequency Spinal Cord Stimulation Produces Intensity- and Frequency-dependent Inhibition of Mechanical Hypersensitivity in a Rat Model of Neuropathic Pain. <i>Anesthesiology</i> , 2013, 119, 422-432.	1.3	160
114	Mechanisms of Itch Evoked by $\hat{I}^2$ -Alanine. <i>Journal of Neuroscience</i> , 2012, 32, 14532-14537.	1.7	275
115	<i>Preso1</i> dynamically regulates group I metabotropic glutamate receptors. <i>Nature Neuroscience</i> , 2012, 15, 836-844.	7.1	79
116	Peripheral mechanisms of itch. <i>Neuroscience Bulletin</i> , 2012, 28, 100-110.	1.5	47
117	TLR3 deficiency impairs spinal cord synaptic transmission, central sensitization, and pruritus in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2195-2207.	3.9	143
118	TRPA1 is required for histamine-independent, Mas-related G protein-coupled receptor-mediated itch. <i>Nature Neuroscience</i> , 2011, 14, 595-602.	7.1	523
119	Itch: Cells, Molecules, and Circuits. <i>ACS Chemical Neuroscience</i> , 2011, 2, 17-25.	1.7	27
120	The Distinct Roles of Two GPCRs, <i>MrgprC11</i> and <i>PAR2</i> , in Itch and Hyperalgesia. <i>Science Signaling</i> , 2011, 4, ra45.	1.6	195
121	BAM8-22 Peptide Produces Itch and Nociceptive Sensations in Humans Independent of Histamine Release. <i>Journal of Neuroscience</i> , 2011, 31, 7563-7567.	1.7	176
122	<i>Pirt</i> , a TRPV1 Modulator, Is Required for Histamine-Dependent and -Independent Itch. <i>PLoS ONE</i> , 2011, 6, e20559.	1.1	51
123	Mas-related G-protein-coupled receptors inhibit pathological pain in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15933-15938.	3.3	74
124	An Itch To Be Scratched. <i>Neuron</i> , 2010, 68, 334-339.	3.8	55
125	Sensory Neuron-Specific GPCR <i>Mrgprs</i> Are Itch Receptors Mediating Chloroquine-Induced Pruritus. <i>Cell</i> , 2009, 139, 1353-1365.	13.5	681
126	<i>Pirt</i> , a Phosphoinositide-Binding Protein, Functions as a Regulatory Subunit of TRPV1. <i>Cell</i> , 2008, 133, 475-485.	13.5	185



#	ARTICLE	IF	CITATIONS
127	Mechanisms of Compartmentalized Expression of Mrg Class G-Protein-Coupled Sensory Receptors. <i>Journal of Neuroscience</i> , 2008, 28, 125-132.	1.7	84
128	Agonists of the Mas-Related Gene (Mrgs) Orphan Receptors as Novel Mediators of Mast Cell-Sensory Nerve Interactions. <i>Journal of Immunology</i> , 2008, 180, 2251-2255.	0.4	39
129	Selective Stimulation of Astrocyte Calcium In Situ Does Not Affect Neuronal Excitatory Synaptic Activity. <i>Neuron</i> , 2007, 54, 611-626.	3.8	275
130	Molecular genetic visualization of a rare subset of unmyelinated sensory neurons that may detect gentle touch. <i>Nature Neuroscience</i> , 2007, 10, 946-948.	7.1	185
131	Atypical expansion in mice of the sensory neuron-specific Mrg G protein-coupled receptor family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10043-10048.	3.3	227
132	Orphan G protein-coupled receptors MrgA1 and MrgC11 are distinctively activated by RF-amide-related peptides through the G $\alpha$ q/11 pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14740-14745.	3.3	152
133	A Diverse Family of GPCRs Expressed in Specific Subsets of Nociceptive Sensory Neurons. <i>Cell</i> , 2001, 106, 619-632.	13.5	611
134	Polyglutamine-Expanded Human Huntingtin Transgenes Induce Degeneration of Drosophila Photoreceptor Neurons. <i>Neuron</i> , 1998, 21, 633-642.	3.8	490