Modeling pain in vitro using nociceptor neurons reprog

Nature Neuroscience

18, 17-24

DOI: 10.1038/nn.3886

Citation Report

#	Article	IF	Citations
1	Pain and itch neurons grown in a dish. Nature, 2014, , .	13.7	0
2	The Specification and Maturation of Nociceptive Neurons from Human Embryonic Stem Cells. Scientific Reports, 2015, 5, 16821.	1.6	35
4	Mouse DRG Cell Line with Properties of Nociceptors. PLoS ONE, 2015, 10, e0128670.	1.1	18
5	Single Transcription Factor Conversion of Human Blood Fate to NPCs with CNS and PNS Developmental Capacity. Cell Reports, 2015, 11, 1367-1376.	2.9	73
6	Probing disorders of the nervous system using reprogramming approaches. EMBO Journal, 2015, 34, 1456-1477.	3.5	45
7	In vivo reprogramming for tissue repair. Nature Cell Biology, 2015, 17, 204-211.	4.6	86
8	NaV1.9: a sodium channel linked to human pain. Nature Reviews Neuroscience, 2015, 16, 511-519.	4.9	161
9	Forward engineering neuronal diversity using direct reprogramming. EMBO Journal, 2015, 34, 1445-1455.	3.5	43
10	Advances in Reprogramming-Based Study of Neurologic Disorders. Stem Cells and Development, 2015, 24, 1265-1283.	1.1	20
11	Direct somatic lineage conversion. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140368.	1.8	26
12	The Regulation of Immunological Processes by Peripheral Neurons in Homeostasis and Disease. Trends in Immunology, 2015, 36, 578-604.	2.9	140
13	MicroRNA-based conversion of human fibroblasts into striatal medium spiny neurons. Nature Protocols, 2015, 10, 1543-1555.	5.5	71
14	The sense in reprogramming. Nature Reviews Neuroscience, 2015, 16, 1-1.	4.9	37
15	The specification and wiring of mammalian cutaneous lowâ€threshold mechanoreceptors. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 389-404.	5.9	37
16	Directly Induced Glial/Neuronal Cells from Human Peripheral Tissues: AÂNovel Translational Research Tool for Neuropsychiatric Disorders. Advances in Neuroimmune Biology, 2016, 6, 95-105.	0.7	1
17	Functional Studies of Sodium Channels: From Target to Compound Identification. Current Protocols in Pharmacology, 2016, 75, 9.21.1-9.21.35.	4.0	5
18	A system to study mechanisms of neuromuscular junction development and maintenance. Development (Cambridge), 2016, 143, 2464-77.	1.2	35
19	Surgical extraction of human dorsal root ganglia from organ donors and preparation of primary sensory neuron cultures. Nature Protocols, 2016, 11, 1877-1888.	5.5	79

#	Article	IF	Citations
20	Development of a spontaneously active dorsal root ganglia assay using multiwell multielectrode arrays. Journal of Neurophysiology, 2016, 115, 3217-3228.	0.9	40
21	Neue Ziele fÃ¼r die Photopharmakologie. Angewandte Chemie, 2016, 128, 11140-11163.	1.6	105
22	Toward a Mechanism-Based Approach to Pain Diagnosis. Journal of Pain, 2016, 17, T50-T69.	0.7	244
23	Direct neuronal reprogramming: learning from and for development. Development (Cambridge), 2016, 143, 2494-2510.	1.2	112
24	Emerging Targets in Photopharmacology. Angewandte Chemie - International Edition, 2016, 55, 10978-10999.	7.2	504
25	Comparison of congruence judgment and auditory localization tasks for assessing the spatial limits of visual capture. Biological Cybernetics, 2016, 110, 455-471.	0.6	9
26	Capturing the biology of disease severity in a PSC-based model of familial dysautonomia. Nature Medicine, 2016, 22, 1421-1427.	15.2	58
27	Evaluation of inter-batch differences in stem-cell derived neurons. Stem Cell Research, 2016, 16, 140-148.	0.3	17
28	Neuroimmunity: Physiology and Pathology. Annual Review of Immunology, 2016, 34, 421-447.	9.5	159
29	Isolated node engineering of neuronal systems using laser direct write. Biofabrication, 2016, 8, 015013.	3.7	19
30	Drug Repurposing for the Development of Novel Analgesics. Trends in Pharmacological Sciences, 2016, 37, 172-183.	4.0	43
31	Direct Lineage Reprogramming Reveals Disease-Specific Phenotypes of Motor Neurons from Human ALS Patients. Cell Reports, 2016, 14, 115-128.	2.9	136
32	Chemotherapy-induced peripheral neuropathy: Current status and progress. Gynecologic Oncology, 2016, 140, 176-183.	0.6	196
33	New approaches for direct conversion of patient fibroblasts into neural cells. Brain Research, 2017, 1656, 2-13.	1.1	23
34	Studying human disease using human neurons. Brain Research, 2017, 1656, 40-48.	1.1	21
35	The G2A receptor (GPR132) contributes to oxaliplatin-induced mechanical pain hypersensitivity. Scientific Reports, 2017, 7, 446.	1.6	46
36	Ion channels and neuronal hyperexcitability in chemotherapy-induced peripheral neuropathy. Molecular Pain, 2017, 13, 174480691771469.	1.0	46
37	Breaking barriers to novel analgesic drug development. Nature Reviews Drug Discovery, 2017, 16, 545-564.	21.5	258

#	Article	IF	Citations
38	Next generation human skin constructs as advanced tools for drug development. Experimental Biology and Medicine, 2017, 242, 1657-1668.	1.1	71
39	Engineering kidney cells: reprogramming and directed differentiation to renal tissues. Cell and Tissue Research, 2017, 369, 185-197.	1.5	17
40	KCa3.1 channels modulate the processing of noxious chemical stimuli in mice. Neuropharmacology, 2017, 125, 386-395.	2.0	24
41	Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. Cell Reports, 2017, 20, 1136-1147.	2.9	26
42	Characterisation of Nav1.7 functional expression in rat dorsal root ganglia neurons by using an electrical field stimulation assay. Molecular Pain, 2017, 13, 174480691774517.	1.0	6
43	Direct induction of functional neuronal cells from fibroblast-like cells derived from adult human retina. Stem Cell Research, 2017, 23, 61-72.	0.3	7
44	Animal and cellular models of familial dysautonomia. Clinical Autonomic Research, 2017, 27, 235-243.	1.4	27
45	Generation of Integrationâ€Free Induced Neurons Using Graphene Oxideâ€Polyethylenimine. Small, 2017, 13, 1601993.	5.2	32
46	Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain. Frontiers in Physiology, 2017, 8, 1040.	1.3	90
47	A Mechanistic Understanding of Axon Degeneration in Chemotherapy-Induced Peripheral Neuropathy. Frontiers in Neuroscience, 2017, 11, 481.	1.4	164
48	Direct Neuronal Reprogramming for Disease Modeling Studies Using Patient-Derived Neurons: What Have We Learned?. Frontiers in Neuroscience, 2017, 11, 530.	1.4	48
49	Translational Model Systems for Complex Sodium Channel Pathophysiology in Pain. Handbook of Experimental Pharmacology, 2018, 246, 355-369.	0.9	8
50	Na V 1.7 as a Pharmacogenomic Target for Pain: Moving Toward Precision Medicine. Trends in Pharmacological Sciences, 2018, 39, 258-275.	4.0	54
51	Comparative transcriptome profiling of the human and mouse dorsal root ganglia: an RNA-seqâ€"based resource for pain and sensory neuroscience research. Pain, 2018, 159, 1325-1345.	2.0	306
52	Ex vivo study of human visceral nociceptors. Gut, 2018, 67, 86-96.	6.1	37
53	Combining Human and Rodent Genetics to Identify New Analgesics. Neuroscience Bulletin, 2018, 34, 143-155.	1.5	15
54	Human vs. Mouse Nociceptors â€" Similarities and Differences. Neuroscience, 2018, 387, 13-27.	1.1	115
55	Potentials of Cellular Reprogramming as a Novel Strategy for Neuroregeneration. Frontiers in Cellular Neuroscience, 2018, 12, 460.	1.8	21

#	Article	IF	Citations
56	Development of an innervated tissue-engineered skin with human sensory neurons and Schwann cells differentiated from iPS cells. Acta Biomaterialia, 2018, 82, 93-101.	4.1	66
57	Comparative genomic analysis of embryonic, lineage-converted, and stem cell-derived motor neurons. Development (Cambridge), 2018, 145, .	1.2	10
58	Development and validation of an in vitro model system to study peripheral sensory neuron development and injury. Scientific Reports, 2018, 8, 15961.	1.6	30
59	Computational functional genomics-based approaches in analgesic drug discovery and repurposing. Pharmacogenomics, 2018, 19, 783-797.	0.6	23
60	Modelling the dorsal root ganglia using human pluripotent stem cells: A platform to study peripheral neuropathies. International Journal of Biochemistry and Cell Biology, 2018, 100, 61-68.	1.2	12
61	Human peptidergic nociceptive sensory neurons generated from human epidermal neural crest stem cells (hEPI-NCSC). PLoS ONE, 2018, 13, e0199996.	1.1	13
62	Human visceral nociception: findings from translational studies in human tissue. American Journal of Physiology - Renal Physiology, 2018, 315, G464-G472.	1.6	16
63	Representing Diversity in the Dish: Using Patient-Derived in Vitro Models to Recreate the Heterogeneity of Neurological Disease. Frontiers in Neuroscience, 2018, 12, 56.	1.4	29
64	Mechanistic Insights Into MicroRNA-Induced Neuronal Reprogramming of Human Adult Fibroblasts. Frontiers in Neuroscience, 2018, 12, 522.	1.4	29
65	Human Corneal Tissue Model for Nociceptive Assessments. Advanced Healthcare Materials, 2018, 7, e1800488.	3.9	21
66	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
67	Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8775-E8782.	3.3	58
68	Sensory neuropathy and nociception in rodent models of Parkinson's disease. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	22
69	Chemotherapy-Induced Neuropathy and Drug Discovery Platform Using Human Sensory Neurons Converted Directly from Adult Peripheral Blood. Stem Cells Translational Medicine, 2019, 8, 1180-1191.	1.6	22
70	Dual modulation of neuronâ€specific microRNAs and the REST complex promotes functional maturation of human adult induced neurons. FEBS Letters, 2019, 593, 3370-3380.	1.3	18
71	Hindbrain V2a Neurons Pattern Rhythmic Activity of Motor Neurons in a Reticulospinal Coculture. Frontiers in Neuroscience, 2019, 13, 1077.	1.4	2
72	Acquisition of functional neurons by direct conversion: Switching the developmental clock directly. Journal of Genetics and Genomics, 2019, 46, 459-465.	1.7	6
73	Issues in the future development of new analgesic drugs. Current Opinion in Supportive and Palliative Care, 2019, 13, 107-110.	0.5	3

#	Article	IF	Citations
74	Novel Approaches to Persistent Pain Therapy. Trends in Pharmacological Sciences, 2019, 40, 367-377.	4.0	8
75	Repeated Testing With the Hypertonic Saline Assay in Mice for Screening of Analgesic Activity. Anesthesia and Analgesia, 2019, 129, 269-275.	1.1	1
76	Composite Pain Biomarker Signatures for Objective Assessment and Effective Treatment. Neuron, 2019, 101, 783-800.	3.8	153
77	Comparison of three congruent patient-specific cell types for the modelling of a human genetic Schwann-cell disorder. Nature Biomedical Engineering, 2019, 3, 571-582.	11.6	18
78	Direct Neuronal Reprogramming Reveals Unknown Functions for Known Transcription Factors. Frontiers in Neuroscience, 2019, 13, 283.	1.4	20
79	Pathophysiological characterization of MERRF patient-specific induced neurons generated by direct reprogramming. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 861-881.	1.9	22
80	The Role of Voltage-Gated Sodium Channels in Pain Signaling. Physiological Reviews, 2019, 99, 1079-1151.	13.1	408
81	The role of Nav1.7 in human nociceptors: insights from human induced pluripotent stem cellâ€“derived sensory neurons of erythromelalgia patients. Pain, 2019, 160, 1327-1341.	2.0	74
82	Immune aspects of the bi-directional neuroimmune facilitator TRPV1. Molecular Biology Reports, 2019, 46, 1499-1510.	1.0	10
83	Emerging neurotechnology for antinoceptive mechanisms and therapeutics discovery. Biosensors and Bioelectronics, 2019, 126, 679-689.	5.3	19
84	Corneal pain and experimental model development. Progress in Retinal and Eye Research, 2019, 71, 88-113.	7.3	43
85	Bundling of axons through a capillary alginate gel enhances the detection of axonal action potentials using microelectrode arrays. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 385-395.	1.3	5
86	Induced pluripotent stem cells for disease modeling, cell therapy and drug discovery in genetic autonomic disorders: a review. Clinical Autonomic Research, 2019, 29, 367-384.	1.4	12
87	bHLH transcription factors in neural development, disease, and reprogramming. Brain Research, 2019, 1705, 48-65.	1.1	171
88	Capturing Novel Non-opioid Pain Targets. Biological Psychiatry, 2020, 87, 74-81.	0.7	69
89	Pathogenesis of platinum-induced peripheral neurotoxicity: Insights from preclinical studies. Experimental Neurology, 2020, 325, 113141.	2.0	49
90	Pathogenesis of paclitaxel-induced peripheral neuropathy: A current review of in vitro and in vivo findings using rodent and human model systems. Experimental Neurology, 2020, 324, 113121.	2.0	118
91	How to reprogram human fibroblasts to neurons. Cell and Bioscience, 2020, 10, 116.	2.1	26

#	Article	IF	Citations
92	Quick Commitment and Efficient Reprogramming Route of Direct Induction of Retinal Ganglion Cell-like Neurons. Stem Cell Reports, 2020, 15, 1095-1110.	2.3	16
93	The biology and engineered modeling strategies of cancer-nerve crosstalk. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188406.	3.3	9
94	Molecular and Functional Characterization of Neurogenin-2 Induced Human Sensory Neurons. Frontiers in Cellular Neuroscience, 2020, 14, 600895.	1.8	16
95	Human sensory neurons derived from pluripotent stem cells for disease modelling and personalized medicine. Neurobiology of Pain (Cambridge, Mass), 2020, 8, 100055.	1.0	27
96	Physiomimetic Models of Adenomyosis. Seminars in Reproductive Medicine, 2020, 38, 179-196.	0.5	11
97	Selected Ionotropic Receptors and Voltage-Gated Ion Channels: More Functional Competence for Human Induced Pluripotent Stem Cell (iPSC)-Derived Nociceptors. Brain Sciences, 2020, 10, 344.	1.1	15
98	Generation of self-organized sensory ganglion organoids and retinal ganglion cells from fibroblasts. Science Advances, 2020, 6, eaaz5858.	4.7	33
99	Neuronal Reprogramming for Tissue Repair and Neuroregeneration. International Journal of Molecular Sciences, 2020, 21, 4273.	1.8	4
100	Neuroregeneration: Regulation in Neurodegenerative Diseases and Aging. Biochemistry (Moscow), 2020, 85, 108-130.	0.7	13
101	Transcriptional Programming of Human Mechanosensory Neuron Subtypes from Pluripotent Stem Cells. Cell Reports, 2020, 30, 932-946.e7.	2.9	57
102	Functional expression and pharmacological modulation of TRPM3 in human sensory neurons. British Journal of Pharmacology, 2020, 177, 2683-2695.	2.7	32
103	Human Induced Pluripotent Stem Cell Derived Sensory Neurons are Sensitive to the Neurotoxic Effects of Paclitaxel. Clinical and Translational Science, 2021, 14, 568-581.	1.5	27
104	Insights Into the Role and Potential of Schwann Cells for Peripheral Nerve Repair From Studies of Development and Injury. Frontiers in Molecular Neuroscience, 2020, 13, 608442.	1.4	54
105	Chemotherapy-Induced Peripheral Neuropathy. , 2021, , .		0
106	Drug Repositioning for the Prevention and Treatment of Chemotherapy-Induced Peripheral Neuropathy: A Mechanism- and Screening-Based Strategy. Frontiers in Pharmacology, 2020, 11, 607780.	1.6	26
107	A Novel Combinatorial Approach for the Reduction of Multi-compartmental Model into a Single-Compartment Pyramidal Neuron Model. Lecture Notes in Networks and Systems, 2021, , 517-525.	0.5	0
108	Generation of Induced Dopaminergic Neurons from Human Fetal Fibroblasts. Methods in Molecular Biology, 2021, 2352, 97-115.	0.4	1
109	Enhanced efficiency of nonviral direct neuronal reprogramming on topographical patterns. Biomaterials Science, 2021, 9, 5175-5191.	2.6	9

#	Article	IF	Citations
110	Adult mouse dorsal root ganglia neurons form aberrant glutamatergic connections in dissociated cultures. PLoS ONE, 2021, 16, e0246924.	1.1	1
112	Current Methods to Investigate Nociception and Pain in Zebrafish. Frontiers in Neuroscience, 2021, 15, 632634.	1.4	17
113	In Vitro, In Vivo and Ex Vivo Models for Peripheral Nerve Injury and Regeneration. Current Neuropharmacology, 2022, 20, 344-361.	1.4	6
114	Neuropathic pain: Spotlighting anatomy, experimental models, mechanisms, and therapeutic aspects. European Journal of Neuroscience, 2021, 54, 4475-4496.	1.2	15
115	A high-content platform for physiological profiling and unbiased classification of individual neurons. Cell Reports Methods, 2021, 1, 100004.	1.4	6
116	Studying human nociceptors: from fundamentals to clinic. Brain, 2021, 144, 1312-1335.	3.7	77
117	Engineering human skin model innervated with itch sensory neuronâ€like cells differentiated from induced pluripotent stem cells. Bioengineering and Translational Medicine, 2022, 7, e10247.	3.9	7
118	Human sensorimotor organoids derived from healthy and amyotrophic lateral sclerosis stem cells form neuromuscular junctions. Nature Communications, 2021, 12, 4744.	5.8	69
119	Cellular models of pain: New technologies and their potential to progress preclinical research. Neurobiology of Pain (Cambridge, Mass), 2021, 10, 100063.	1.0	8
120	Cortical hyperexcitability: Diagnostic and pathogenic biomarker of ALS. Neuroscience Letters, 2021, 759, 136039.	1.0	24
121	Neuronal Cell-type Engineering by Transcriptional Activation. Frontiers in Genome Editing, 2021, 3, 715697.	2.7	5
122	Mechanisms of peripheral neurotoxicity associated with four chemotherapy drugs using human induced pluripotent stem cell-derived peripheral neurons. Toxicology in Vitro, 2021, 77, 105233.	1.1	12
125	Neuroimmune modulation of pain and regenerative pain medicine. Journal of Clinical Investigation, 2020, 130, 2164-2176.	3.9	27
126	Evolving principles underlying neural lineage conversion and their relevance for biomedical translation. F1000Research, 2019, 8, 1548.	0.8	12
127	Assessment of Spontaneous Neuronal Activity<i>In Vitro</i>Using Multi-Well Multi-Electrode Arrays: Implications for Assay Development. ENeuro, 2020, 7, ENEURO.0080-19.2019.	0.9	38
128	Insights into platinum-induced peripheral neuropathyâ€"current perspective. Neural Regeneration Research, 2020, 15, 1623.	1.6	14
129	Using transcription factors for direct reprogramming of neurons <i>in vitro</i>. World Journal of Stem Cells, 2019, 11, 431-444.	1.3	15
130	Transcriptional profiling at whole population and single cell levels reveals somatosensory neuron molecular diversity. ELife, 2014, 3, .	2.8	208

#	Article	IF	Citations
131	Transcription Factors of Direct Neuronal Reprogramming in Ontogenesis and Ex Vivo. Molecular Biology, 2021, 55, 645-669.	0.4	3
138	Investigating the Function of Adult DRG Neuron Axons Using an In Vitro Microfluidic Culture System. Micromachines, 2021, 12, 1317.	1.4	7
139	3D culture platform of human iPSCs-derived nociceptors for peripheral nerve modeling and tissue innervation. Biofabrication, 2022, 14, 014105.	3.7	12
140	Innovations and advances in modelling and measuring pain in animals. Nature Reviews Neuroscience, 2022, 23, 70-85.	4.9	72
141	Developing nociceptor-selective treatments for acute and chronic pain. Science Translational Medicine, 2021, 13, eabj9837.	5.8	22
142	Varicella Zoster Virus Neuronal Latency and Reactivation Modeled in Vitro. Current Topics in Microbiology and Immunology, 2021, , .	0.7	1
143	Revealing nervous and cardiac system interactions by iPSC-Based platforms. , 2022, , 1-28.		0
144	Induced pluripotent stem cells for studying genetic autonomic disorders. , 2022, , 167-196.		0
146	Generation and characterization of hair-bearing skin organoids from human pluripotent stem cells. Nature Protocols, 2022, 17, 1266-1305.	5.5	28
147	An ACVR1 activating mutation causes neuropathic pain and sensory neuron hyperexcitability in humans. Pain, 2022, Publish Ahead of Print, .	2.0	3
171	Cellular and Molecular Machinery of Neuropathic Pain: an Emerging Insight. Current Pharmacology Reports, 2022, 8, 227-235.	1.5	2
172	Disease Modeling of Neurodegenerative Disorders Using Direct Neural Reprogramming. Cellular Reprogramming, 0, , .	0.5	4
173	Global analyses of <scp>mRNA</scp> expression in human sensory neurons reveal <scp>eIF5A</scp> as a conserved target for inflammatory pain. FASEB Journal, 2022, 36, .	0.2	6
174	Analysis of Airway Vagal Neurons. Methods in Molecular Biology, 2022, , 297-314.	0.4	1
175	A compendium of validated pain genes. WIREs Mechanisms of Disease, 2022, 14, .	1.5	5
176	Cellular Pathogenesis of Chemotherapy-Induced Peripheral Neuropathy: Insights From Drosophila and Human-Engineered Skin Models. Frontiers in Pain Research, 0, 3, .	0.9	2
177	Recent advances for using human induced-pluripotent stem cells as pain-in-a-dish models of neuropathic pain. Experimental Neurology, 2022, 358, 114223.	2.0	9
179	Human Stem Cell-Derived TRPV1-Positive Sensory Neurons: A New Tool to Study Mechanisms of Sensitization. Cells, 2022, 11, 2905.	1.8	4

#	Article	IF	Citations
180	Biomimetic Strategies for Peripheral Nerve Injury Repair: An Exploration of Microarchitecture and Cellularization. , 2023, 1, 21-37.		0
181	Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. Immunity, 2022, 55, 2352-2368.e7.	6.6	11
182	Phenotypic assay development with iPSC-derived neurons. , 2023, , 25-43.		0
183	The bHLH Transcription Factors in Neural Development and Therapeutic Applications for Neurodegenerative Diseases. International Journal of Molecular Sciences, 2022, 23, 13936.	1.8	5
184	The sigmaâ€1 receptor curtails endogenous opioid analgesia during sensitization of TRPV1 nociceptors. British Journal of Pharmacology, 2023, 180, 1148-1167.	2.7	7
186	Inhibition of Nonsense-Mediated Decay Induces Nociceptive Sensitization through Activation of the Integrated Stress Response. Journal of Neuroscience, 2023, 43, 2921-2933.	1.7	2
187	Electrically-evoked oscillating calcium transients in mono- and co-cultures of iPSC glia and sensory neurons. Frontiers in Cellular Neuroscience, 0, 17, .	1.8	2
188	Somatic Cell Reprogramming for Nervous System Diseases: Techniques, Mechanisms, Potential Applications, and Challenges. Brain Sciences, 2023, 13, 524.	1.1	2
189	Scalable generation of sensory neurons from human pluripotent stem cells. Stem Cell Reports, 2023, 18, 1030-1047.	2.3	8
191	Preclinical pain testing: a short guide to where we are and where we are going. , 2023, , 725-739.		0
192	Inflammatory Mediators, Nociceptors, and Their Interactions in Pain. , 2023, , 87-119.		0
194	The Potential of Human Induced Pluripotent Stem Cells (hiPSCs) for the Study of Channelopathies: Advances and Future Directions. Biochemistry, 0, , .	0.8	0