Aaron D Mickle

List of Publications by Year
in descending order

27	1,949	394390 19	526264 27
papers	citations	h-index	g-index

31	31	31	2933
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Open source timed pressure control hardware and software for delivery of air mediated distensions in animal models. HardwareX, 2022, 11, e00271.	2.2	0
2	Characterization of a method to study urodynamics and bladder nociception in male and female mice. LUTS: Lower Urinary Tract Symptoms, 2021, 13, 319-324.	1.3	1
3	Battery-free, fully implantable optofluidic cuff system for wireless optogenetic and pharmacological neuromodulation of peripheral nerves. Science Advances, 2019, 5, eaaw5296.	10.3	127
4	A wireless closed-loop system for optogenetic peripheral neuromodulation. Nature, 2019, 565, 361-365.	27.8	358
5	Miniaturized, Batteryâ€Free Optofluidic Systems with Potential for Wireless Pharmacology and Optogenetics. Small, 2018, 14, 1702479.	10.0	91
6	A bright future? Optogenetics in the periphery for pain research and therapy. Pain, 2018, 159, S65-S73.	4.2	23
7	Parathyroid hormoneâ€related peptide activates and modulates <scp>TRPV</scp>1 channel in human <scp>DRG</scp> neurons. European Journal of Pain, 2018, 22, 1685-1690.	2.8	8
8	Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain. Journal of Neuroscience, 2018, 38, 7032-7057.	3.6	92
9	Natural Wax for Transient Electronics. Advanced Functional Materials, 2018, 28, 1801819.	14.9	90
10	Parathyroid Hormone-Related Peptide Elicits Peripheral TRPV1-dependent Mechanical Hypersensitivity. Frontiers in Cellular Neuroscience, 2018, 12, 38.	3.7	20
11	Macrophage angiotensin II type 2 receptor triggers neuropathic pain. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8057-E8066.	7.1	107
12	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. Neuron, 2017, 93, 509-521.e3.	8.1	323
13	Optogenetic silencing of nociceptive primary afferents reduces evoked and ongoing bladder pain. Scientific Reports, 2017, 7, 15865.	3.3	49
14	Fully implantable, battery-free wireless optoelectronic devices for spinal optogenetics. Pain, 2017, 158, 2108-2116.	4.2	93
15	Nociceptive TRP Channels: Sensory Detectors and Transducers in Multiple Pain Pathologies. Pharmaceuticals, 2016, 9, 72.	3.8	92
16	Stretchable multichannel antennas in soft wireless optoelectronic implants for optogenetics. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8169-E8177.	7.1	111
17	Induction of thermal and mechanical hypersensitivity by parathyroid hormoneâ€“related peptide through upregulation of TRPV1 function and trafficking. Pain, 2015, 156, 1620-1636.	4.2	24
18	Sensory TRP Channels. Progress in Molecular Biology and Translational Science, 2015, 131, 73-118.	1.7	117

#	Article	IF	Citations
19	Interference With Peroxisome Proliferator-Activated Receptor-Î³ in Vascular Smooth Muscle Causes Baroreflex Impairment and Autonomic Dysfunction. Hypertension, 2014, 64, 590-596.	2.7	13
20	NMDA receptor mediates chronic visceral pain induced by neonatal noxious somatic stimulation. European Journal of Pharmacology, 2014, 744, 28-35.	3.5	13
21	Visceral analgesic effect of 5-HT4 receptor agonist in rats involves the rostroventral medulla (RVM). Neuropharmacology, 2014, 79, 345-358.	4.1	17
22	The C-Type Natriuretic Peptide Induces Thermal Hyperalgesia through a Noncanonical GÎ²Î³-dependent Modulation of TRPV1 Channel. Journal of Neuroscience, 2012, 32, 11942-11955.	3.6	44
23	Distinct Modifications in Kv2.1 Channel via Chemokine Receptor CXCR4 Regulate Neuronal Survival-Death Dynamics. Journal of Neuroscience, 2012, 32, 17725-17739.	3.6	33
24	Pronociceptive effect of 5-HT1A receptor agonist on visceral pain involves spinal N-methyl-d-aspartate (NMDA) receptor. Neuroscience, 2012, 219, 243-254.	2.3	11
25	Neonatal cystitis-induced colonic hypersensitivity in adult rats: a model of viscero-visceral convergence. Neurogastroenterology and Motility, 2011, 23, 683-e281.	3.0	29
26	Antinociceptive effects of melatonin in a rat model of post-inflammatory visceral hyperalgesia: A centrally mediated process. Pain, 2010, 149, 555-564.	4.2	38
27	Altered mechanosensitive properties of vagal afferent fibers innervating the stomach following gastric surgery in rats. Neuroscience, 2009, 162, 1299-1306.	2.3	18