

# Michael S Gold

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74  
papers

3,243  
citations

28  
h-index

56  
g-index

87  
ext. papers

3,785  
ext. citations

5.6  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
74	Electrophysiological Recording Techniques from Human Dorsal Root Ganglion. <i>NeuroMethods</i> , <b>2022</b> , 115-133	0.4	
73	Optogenetic inhibition of the colon epithelium reduces hypersensitivity in a mouse model of inflammatory bowel disease. <i>Pain</i> , <b>2021</b> , 162, 1126-1134	8	3
72	Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , <b>2021</b> , 109, 1426-1429	13.9	18
71	Longitudinal egg-specific regulatory T- and B-cell development: Insights from primary prevention clinical trials examining the timing of egg introduction. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 1385-1397	9.3	2
70	Developing vaccinology expertise for Africa: fifteen years and counting. <i>Pan African Medical Journal</i> , <b>2021</b> , 38, 313	1.2	
69	Current Models for Development of Disease-Modifying Osteoarthritis Drugs. <i>Tissue Engineering - Part C: Methods</i> , <b>2021</b> , 27, 124-138	2.9	10
68	Voltage gated calcium channels in human dorsal root ganglion neurons. <i>Pain</i> , <b>2021</b> ,	8	2
67	TiCT MXene Flakes for Optical Control of Neuronal Electrical Activity. <i>ACS Nano</i> , <b>2021</b> , 15, 14662-14671	16.7	10
66	Mechanisms Underlying the Selective Therapeutic Efficacy of Carbamazepine for Attenuation of Trigeminal Nerve Injury Pain. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 8991-9007	6.6	6
65	Remote nongenetic optical modulation of neuronal activity using fuzzy graphene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13339-13349	11.5	19
64	Immunization stress-related response - Redefining immunization anxiety-related reaction as an adverse event following immunization. <i>Vaccine</i> , <b>2020</b> , 38, 3015-3020	4.1	28
63	GCaMP as an indirect measure of electrical activity in rat trigeminal ganglion neurons. <i>Cell Calcium</i> , <b>2020</b> , 89, 102225	4	8
62	Distribution of functional opioid receptors in human dorsal root ganglion neurons. <i>Pain</i> , <b>2020</b> , 161, 163681649	25	
61	Developmental outcomes following vaccine-proximate febrile seizures in children. <i>Neurology</i> , <b>2020</b> , 95, e226-e238	6.5	2
60	Timeliness of signal detection for adverse events following influenza vaccination in young children: a simulation case study. <i>BMJ Open</i> , <b>2020</b> , 10, e031851	3	5
59	Molecular Biology of the Nociceptor/Transduction <b>2020</b> , 88-119		
58	OPTIMUM study protocol: an adaptive randomised controlled trial of a mixed whole-cell/acellular pertussis vaccine schedule. <i>BMJ Open</i> , <b>2020</b> , 10, e042838	3	2

57	Whole-Cell Pertussis Vaccination and Decreased Risk of IgE-Mediated Food Allergy: A Nested Case-Control Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 2004-2014	5.4	12
56	SCN1A Variants in vaccine-related febrile seizures: A prospective study. <i>Annals of Neurology</i> , <b>2020</b> , 87, 281-288	9.4	7
55	Use of different combination diphtheria-tetanus-acellular pertussis vaccines does not increase risk of 30-day infant mortality. A population-based linkage cohort study using administrative data from the Australian Childhood Immunisation Register and the National Death Index. <i>Vaccine</i> , <b>2019</b> , 37, 280-288	4.1	2
54	Nicotine Evoked Currents in Human Primary Sensory Neurons. <i>Journal of Pain</i> , <b>2019</b> , 20, 810-818	5.2	15
53	Peripheral GABA receptors regulate colonic afferent excitability and visceral nociception. <i>Journal of Physiology</i> , <b>2019</b> , 597, 3425-3439	3.9	10
52	A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2296-2299	11.5	59
51	Process trumps potential public good: better vaccine safety through linked cross-jurisdictional immunisation data in Australia. <i>Australian and New Zealand Journal of Public Health</i> , <b>2019</b> , 43, 496-503	2.3	4
50	Protocol for Pertussis Immunisation and Food Allergy (PIFA): a case-control study of the association between pertussis vaccination in infancy and the risk of IgE-mediated food allergy among Australian children. <i>BMJ Open</i> , <b>2018</b> , 8, e020232	3	3
49	Reply to Crabeaux et al and Blasco. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2018</b> , 6, 708-710	0.4	1
48	From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. <i>Pain Medicine</i> , <b>2018</b> , 19, 1525-1549	2.8	31
47	Active surveillance of 2017 seasonal influenza vaccine safety: an observational cohort study of individuals aged 6 months and older in Australia. <i>BMJ Open</i> , <b>2018</b> , 8, e023263	3	22
46	Kappa Opioid Receptor Distribution and Function in Primary Afferents. <i>Neuron</i> , <b>2018</b> , 99, 1274-1288.e6	13.9	57
45	An introduction to the Biennial Review of Pain. <i>Pain</i> , <b>2018</b> , 159 Suppl 1, S1-S2	8	
44	Sex-, stress-, and sympathetic post-ganglionic-dependent changes in identity and proportions of immune cells in the dura. <i>Cephalalgia</i> , <b>2017</b> , 37, 36-48	6.1	16
43	Paclitaxel-induced increase in mitochondrial volume mediates dysregulation of intracellular Ca in putative nociceptive glabrous skin neurons from the rat. <i>Cell Calcium</i> , <b>2017</b> , 62, 16-28	4	17
42	A PTEN-Regulated Checkpoint Controls Surface Delivery of $\mu$ Opioid Receptors. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 3741-3752	6.6	27
41	Visceral Pain <b>2017</b> , 91-106		
40	Association Between Family Characteristics and the Effect of Timing of Regular Egg Introduction in Infant Egg Allergy. <i>JAMA Pediatrics</i> , <b>2017</b> , 171, 489-490	8.3	2

39	Evidence Refuting the Existence of Autoimmune/Autoinflammatory Syndrome Induced by Adjuvants (ASIA). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2017</b> , 5, 1551-1555.e1	5.4	38
38	Randomized controlled trial of early regular egg intake to prevent egg allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1600-1607.e2	11.5	120
37	Voltage-gated Na currents in human dorsal root ganglion neurons. <i>ELife</i> , <b>2017</b> , 6,	8.9	47
36	Transiently increased IgE responses in infants and pre-schoolers receiving only acellular Diphtheria-Pertussis-Tetanus (DTaP) vaccines compared to those initially receiving at least one dose of cellular vaccine (DTwP) - Immunological curiosity or canary in the mine?. <i>Vaccine</i> , <b>2016</b> , 34, 4257-4262	4.1	9
35	International Consensus (ICON): allergic reactions to vaccines. <i>World Allergy Organization Journal</i> , <b>2016</b> , 9, 32	5.2	88
34	Prenatal Fish Oil Supplementation and Allergy: 6-Year Follow-up of a Randomized Controlled Trial. <i>Pediatrics</i> , <b>2016</b> , 137,	7.4	35
33	Paclitaxel-induced increase in NCX activity in subpopulations of nociceptive afferents: A protective mechanism against chemotherapy-induced peripheral neuropathy?. <i>Cell Calcium</i> , <b>2016</b> , 60, 25-31	4	9
32	Trafficking of Na <sup>+</sup> /Ca <sup>2+</sup> exchanger to the site of persistent inflammation in nociceptive afferents. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 8423-32	6.6	11
31	μOpioid receptor 6-transmembrane isoform: A potential therapeutic target for new effective opioids. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 62, 61-7	5.5	23
30	Temporomandibular joint fibrocartilage degeneration from unilateral dental splints. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 1-11	2.8	15
29	Sex-, Stress-, and Sympathetic Post-Ganglionic Neuron-Dependent Changes in the Expression of Pro- and Anti-Inflammatory Mediators in Rat Dural Immune Cells. <i>Headache</i> , <b>2015</b> , 55, 943-57	4.2	8
28	Artemin growth factor increases nicotinic cholinergic receptor subunit expression and activity in nociceptive sensory neurons. <i>Molecular Pain</i> , <b>2014</b> , 10, 31	3.4	24
27	Mechanisms underlying midazolam-induced peripheral nerve block and neurotoxicity. <i>Regional Anesthesia and Pain Medicine</i> , <b>2014</b> , 39, 525-33	3.4	11
26	Contribution of endoplasmic reticulum Ca <sup>2+</sup> regulatory mechanisms to the inflammation-induced increase in the evoked Ca <sup>2+</sup> transient in rat cutaneous dorsal root ganglion neurons. <i>Cell Calcium</i> , <b>2013</b> , 54, 46-56	4	15
25	Inflammatory mediators potentiate high affinity GABA(A) currents in rat dorsal root ganglion neurons. <i>Neuroscience Letters</i> , <b>2012</b> , 518, 128-32	3.3	13
24	Whole-cell recording in isolated primary sensory neurons. <i>Methods in Molecular Biology</i> , <b>2012</b> , 851, 73-97	1.4	3
23	Inflammation-induced changes in BK(Ca) currents in cutaneous dorsal root ganglion neurons from the adult rat. <i>Molecular Pain</i> , <b>2012</b> , 8, 37	3.4	26
22	Inflammation-induced shift in spinal GABA(A) signaling is associated with a tyrosine kinase-dependent increase in GABA(A) current density in nociceptive afferents. <i>Journal of Neurophysiology</i> , <b>2012</b> , 108, 2581-93	3.2	10

21	Combination drug therapy for chronic pain: a call for more clinical studies. <i>Journal of Pain</i> , <b>2011</b> , 12, 157-66		89
20	Nociceptor sensitization in pain pathogenesis. <i>Nature Medicine</i> , <b>2010</b> , 16, 1248-57	50.5	484
19	BKCa currents are enriched in a subpopulation of adult rat cutaneous nociceptive dorsal root ganglion neurons. <i>European Journal of Neuroscience</i> , <b>2010</b> , 31, 450-62	3.5	46
18	Ionic mechanisms underlying inflammatory mediator-induced sensitization of dural afferents. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 7878-88	6.6	54
17	Persistent inflammation alters the density and distribution of voltage-activated calcium channels in subpopulations of rat cutaneous DRG neurons. <i>Pain</i> , <b>2010</b> , 151, 633-643	8	54
16	Electrophysiological properties of dural afferents in the absence and presence of inflammatory mediators. <i>Journal of Neurophysiology</i> , <b>2009</b> , 101, 3126-34	3.2	43
15	Chloride regulation in the pain pathway. <i>Brain Research Reviews</i> , <b>2009</b> , 60, 149-70		192
14	Bladder urothelial cells from patients with interstitial cystitis have an increased sensitivity to carbachol. <i>Neurourology and Urodynamics</i> , <b>2009</b> , 28, 1022-7	2.3	14
13	Contribution of primary afferent channels to neuropathic pain. <i>Current Pain and Headache Reports</i> , <b>2009</b> , 13, 197-207	4.2	33
12	Na(+) channel blockers for the treatment of pain: context is everything, almost. <i>Experimental Neurology</i> , <b>2008</b> , 210, 1-6	5.7	22
11	Inflammation-induced shift in the valence of spinal GABA-A receptor-mediated modulation of nociception in the adult rat. <i>Journal of Pain</i> , <b>2008</b> , 9, 732-8	5.2	39
10	The role of sodium channels in chronic inflammatory and neuropathic pain. <i>Journal of Pain</i> , <b>2006</b> , 7, S1-29	3.2	245
9	Calcium channel alpha2delta1 subunit mediates spinal hyperexcitability in pain modulation. <i>Pain</i> , <b>2006</b> , 125, 20-34	8	195
8	Intracellular calcium regulation among subpopulations of rat dorsal root ganglion neurons. <i>Journal of Physiology</i> , <b>2006</b> , 577, 169-90	3.9	79
7	Estrogen and inflammation increase the excitability of rat temporomandibular joint afferent neurons. <i>Journal of Neurophysiology</i> , <b>2005</b> , 93, 1585-97	3.2	97
6	Inflammation alters sodium currents and excitability of temporomandibular joint afferents. <i>Neuroscience Letters</i> , <b>2005</b> , 384, 294-9	3.3	34
5	Cutaneous and colonic rat DRG neurons differ with respect to both baseline and PGE2-induced changes in passive and active electrophysiological properties. <i>Journal of Neurophysiology</i> , <b>2004</b> , 91, 2524-31	2.3	56
4	Absence of an association between axotomy-induced changes in sodium currents and excitability in DRG neurons from the adult rat. <i>Pain</i> , <b>2004</b> , 109, 471-480	8	31

- 3    Redistribution of Na(V)1.8 in uninjured axons enables neuropathic pain. *Journal of Neuroscience*, **2003**, 23, 158-66    6.6    312
- 2    Prostaglandin E(2) modulates TTX-R I(Na) in rat colonic sensory neurons. *Journal of Neurophysiology*, **2002**, 88, 1512-22    3.2    96
- 1    Role of a Ca(2+)-dependent slow afterhyperpolarization in prostaglandin E2-induced sensitization of cultured rat sensory neurons. *Neuroscience Letters*, **1996**, 205, 161-4    3.3    97