

Michael S Gold

List of Publications by Citations

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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 | Nociceptor sensitization in pain pathogenesis. <i>Nature Medicine</i> , 2010 , 16, 1248-57 | 50.5 | 484 |
| 73 | Redistribution of Na(V)1.8 in uninjured axons enables neuropathic pain. <i>Journal of Neuroscience</i> , 2003 , 23, 158-66 | 6.6 | 312 |
| 72 | The role of sodium channels in chronic inflammatory and neuropathic pain. <i>Journal of Pain</i> , 2006 , 7, S1-29. | 3.2 | 245 |
| 71 | Calcium channel alpha2delta1 subunit mediates spinal hyperexcitability in pain modulation. <i>Pain</i> , 2006 , 125, 20-34 | 8 | 195 |
| 70 | Chloride regulation in the pain pathway. <i>Brain Research Reviews</i> , 2009 , 60, 149-70 | | 192 |
| 69 | Randomized controlled trial of early regular egg intake to prevent egg allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1600-1607.e2 | 11.5 | 120 |
| 68 | Estrogen and inflammation increase the excitability of rat temporomandibular joint afferent neurons. <i>Journal of Neurophysiology</i> , 2005 , 93, 1585-97 | 3.2 | 97 |
| 67 | Role of a Ca(2+)-dependent slow afterhyperpolarization in prostaglandin E2-induced sensitization of cultured rat sensory neurons. <i>Neuroscience Letters</i> , 1996 , 205, 161-4 | 3.3 | 97 |
| 66 | Prostaglandin E(2) modulates TTX-R I(Na) in rat colonic sensory neurons. <i>Journal of Neurophysiology</i> , 2002 , 88, 1512-22 | 3.2 | 96 |
| 65 | Combination drug therapy for chronic pain: a call for more clinical studies. <i>Journal of Pain</i> , 2011 , 12, 157-66 | 5.6 | 89 |
| 64 | International Consensus (ICON): allergic reactions to vaccines. <i>World Allergy Organization Journal</i> , 2016 , 9, 32 | 5.2 | 88 |
| 63 | Intracellular calcium regulation among subpopulations of rat dorsal root ganglion neurons. <i>Journal of Physiology</i> , 2006 , 577, 169-90 | 3.9 | 79 |
| 62 | A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2296-2299 | 11.5 | 59 |
| 61 | Kappa Opioid Receptor Distribution and Function in Primary Afferents. <i>Neuron</i> , 2018 , 99, 1274-1288.e6 | 13.9 | 57 |
| 60 | 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> , 2004 , 91, 2524-31 | 2.31 | 56 |
| 59 | Ionic mechanisms underlying inflammatory mediator-induced sensitization of dural afferents. <i>Journal of Neuroscience</i> , 2010 , 30, 7878-88 | 6.6 | 54 |
| 58 | Persistent inflammation alters the density and distribution of voltage-activated calcium channels in subpopulations of rat cutaneous DRG neurons. <i>Pain</i> , 2010 , 151, 633-643 | 8 | 54 |

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| 57 | Voltage-gated Na currents in human dorsal root ganglion neurons. <i>ELife</i> , 2017 , 6, | 8.9 | 47 |
| 56 | BKCa currents are enriched in a subpopulation of adult rat cutaneous nociceptive dorsal root ganglion neurons. <i>European Journal of Neuroscience</i> , 2010 , 31, 450-62 | 3.5 | 46 |
| 55 | Electrophysiological properties of dural afferents in the absence and presence of inflammatory mediators. <i>Journal of Neurophysiology</i> , 2009 , 101, 3126-34 | 3.2 | 43 |
| 54 | Inflammation-induced shift in the valence of spinal GABA-A receptor-mediated modulation of nociception in the adult rat. <i>Journal of Pain</i> , 2008 , 9, 732-8 | 5.2 | 39 |
| 53 | Evidence Refuting the Existence of Autoimmune/Autoinflammatory Syndrome Induced by Adjuvants (ASIA). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 1551-1555.e1 | 5.4 | 38 |
| 52 | Prenatal Fish Oil Supplementation and Allergy: 6-Year Follow-up of a Randomized Controlled Trial. <i>Pediatrics</i> , 2016 , 137, | 7.4 | 35 |
| 51 | Inflammation alters sodium currents and excitability of temporomandibular joint afferents. <i>Neuroscience Letters</i> , 2005 , 384, 294-9 | 3.3 | 34 |
| 50 | Contribution of primary afferent channels to neuropathic pain. <i>Current Pain and Headache Reports</i> , 2009 , 13, 197-207 | 4.2 | 33 |
| 49 | From Mechanism to Cure: Renewing the Goal to Eliminate the Disease of Pain. <i>Pain Medicine</i> , 2018 , 19, 1525-1549 | 2.8 | 31 |
| 48 | Absence of an association between axotomy-induced changes in sodium currents and excitability in DRG neurons from the adult rat. <i>Pain</i> , 2004 , 109, 471-480 | 8 | 31 |
| 47 | Immunization stress-related response - Redefining immunization anxiety-related reaction as an adverse event following immunization. <i>Vaccine</i> , 2020 , 38, 3015-3020 | 4.1 | 28 |
| 46 | A PTEN-Regulated Checkpoint Controls Surface Delivery of μ Opioid Receptors. <i>Journal of Neuroscience</i> , 2017 , 37, 3741-3752 | 6.6 | 27 |
| 45 | Inflammation-induced changes in BK(Ca) currents in cutaneous dorsal root ganglion neurons from the adult rat. <i>Molecular Pain</i> , 2012 , 8, 37 | 3.4 | 26 |
| 44 | Distribution of functional opioid receptors in human dorsal root ganglion neurons. <i>Pain</i> , 2020 , 161, 163681649 | 25 | |
| 43 | Artemin growth factor increases nicotinic cholinergic receptor subunit expression and activity in nociceptive sensory neurons. <i>Molecular Pain</i> , 2014 , 10, 31 | 3.4 | 24 |
| 42 | μ Opioid receptor 6-transmembrane isoform: A potential therapeutic target for new effective opioids. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 62, 61-7 | 5.5 | 23 |
| 41 | Na(+) channel blockers for the treatment of pain: context is everything, almost. <i>Experimental Neurology</i> , 2008 , 210, 1-6 | 5.7 | 22 |
| 40 | 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> , 2018 , 8, e023263 | 3 | 22 |

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| 39 | 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> , 2020 , 117, 13339-13349 | 11.5 | 19 |
| 38 | Human cells and networks of pain: Transforming pain target identification and therapeutic development. <i>Neuron</i> , 2021 , 109, 1426-1429 | 13.9 | 18 |
| 37 | Paclitaxel-induced increase in mitochondrial volume mediates dysregulation of intracellular Ca in putative nociceptive glabrous skin neurons from the rat. <i>Cell Calcium</i> , 2017 , 62, 16-28 | 4 | 17 |
| 36 | Sex-, stress-, and sympathetic post-ganglionic-dependent changes in identity and proportions of immune cells in the dura. <i>Cephalalgia</i> , 2017 , 37, 36-48 | 6.1 | 16 |
| 35 | Nicotine Evoked Currents in Human Primary Sensory Neurons. <i>Journal of Pain</i> , 2019 , 20, 810-818 | 5.2 | 15 |
| 34 | Temporomandibular joint fibrocartilage degeneration from unilateral dental splints. <i>Archives of Oral Biology</i> , 2015 , 60, 1-11 | 2.8 | 15 |
| 33 | Contribution of endoplasmic reticulum Ca ²⁺ regulatory mechanisms to the inflammation-induced increase in the evoked Ca ²⁺ transient in rat cutaneous dorsal root ganglion neurons. <i>Cell Calcium</i> , 2013 , 54, 46-56 | 4 | 15 |
| 32 | Bladder urothelial cells from patients with interstitial cystitis have an increased sensitivity to carbachol. <i>Neurourology and Urodynamics</i> , 2009 , 28, 1022-7 | 2.3 | 14 |
| 31 | Inflammatory mediators potentiate high affinity GABA(A) currents in rat dorsal root ganglion neurons. <i>Neuroscience Letters</i> , 2012 , 518, 128-32 | 3.3 | 13 |
| 30 | 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> , 2020 , 8, 2004-2014 | 5.4 | 12 |
| 29 | Trafficking of Na ⁺ /Ca ²⁺ exchanger to the site of persistent inflammation in nociceptive afferents. <i>Journal of Neuroscience</i> , 2015 , 35, 8423-32 | 6.6 | 11 |
| 28 | Mechanisms underlying midazolam-induced peripheral nerve block and neurotoxicity. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 525-33 | 3.4 | 11 |
| 27 | Peripheral GABA receptors regulate colonic afferent excitability and visceral nociception. <i>Journal of Physiology</i> , 2019 , 597, 3425-3439 | 3.9 | 10 |
| 26 | 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> , 2012 , 108, 2581-93 | 3.2 | 10 |
| 25 | Current Models for Development of Disease-Modifying Osteoarthritis Drugs. <i>Tissue Engineering - Part C: Methods</i> , 2021 , 27, 124-138 | 2.9 | 10 |
| 24 | TiCT MXene Flakes for Optical Control of Neuronal Electrical Activity. <i>ACS Nano</i> , 2021 , 15, 14662-14671 | 16.7 | 10 |
| 23 | 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> , 2016 , 34, 4257-4262 | 4.1 | 9 |
| 22 | Paclitaxel-induced increase in NCX activity in subpopulations of nociceptive afferents: A protective mechanism against chemotherapy-induced peripheral neuropathy?. <i>Cell Calcium</i> , 2016 , 60, 25-31 | 4 | 9 |

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|----|--|-----|---|
| 21 | GCaMP as an indirect measure of electrical activity in rat trigeminal ganglion neurons. <i>Cell Calcium</i> , 2020 , 89, 102225 | 4 | 8 |
| 20 | 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> , 2015 , 55, 943-57 | 4.2 | 8 |
| 19 | SCN1A Variants in vaccine-related febrile seizures: A prospective study. <i>Annals of Neurology</i> , 2020 , 87, 281-288 | 9.4 | 7 |
| 18 | Mechanisms Underlying the Selective Therapeutic Efficacy of Carbamazepine for Attenuation of Trigeminal Nerve Injury Pain. <i>Journal of Neuroscience</i> , 2021 , 41, 8991-9007 | 6.6 | 6 |
| 17 | Timeliness of signal detection for adverse events following influenza vaccination in young children: a simulation case study. <i>BMJ Open</i> , 2020 , 10, e031851 | 3 | 5 |
| 16 | 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> , 2019 , 43, 496-503 | 2.3 | 4 |
| 15 | 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> , 2018 , 8, e020232 | 3 | 3 |
| 14 | Whole-cell recording in isolated primary sensory neurons. <i>Methods in Molecular Biology</i> , 2012 , 851, 73-97 | 1.4 | 3 |
| 13 | Optogenetic inhibition of the colon epithelium reduces hypersensitivity in a mouse model of inflammatory bowel disease. <i>Pain</i> , 2021 , 162, 1126-1134 | 8 | 3 |
| 12 | Association Between Family Characteristics and the Effect of Timing of Regular Egg Introduction in Infant Egg Allergy. <i>JAMA Pediatrics</i> , 2017 , 171, 489-490 | 8.3 | 2 |
| 11 | 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> , 2019 , 37, 280-288 | 4.1 | 2 |
| 10 | Developmental outcomes following vaccine-proximate febrile seizures in children. <i>Neurology</i> , 2020 , 95, e226-e238 | 6.5 | 2 |
| 9 | OPTIMUM study protocol: an adaptive randomised controlled trial of a mixed whole-cell/acellular pertussis vaccine schedule. <i>BMJ Open</i> , 2020 , 10, e042838 | 3 | 2 |
| 8 | 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> , 2021 , 76, 1385-1397 | 9.3 | 2 |
| 7 | Voltage gated calcium channels in human dorsal root ganglion neurons. <i>Pain</i> , 2021 , | 8 | 2 |
| 6 | Reply to Cr̄peaux et al and Blasco. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 708-710 | 9.4 | 1 |
| 5 | Visceral Pain 2017 , 91-106 | | |
| 4 | Molecular Biology of the Nociceptor/Transduction 2020 , 88-119 | | |

- 3 Developing vaccinology expertise for Africa: fifteen years and counting. *Pan African Medical Journal*, **2021**, 38, 313 1.2
- 2 An introduction to the Biennial Review of Pain. *Pain*, **2018**, 159 Suppl 1, S1-S2 8
- 1 Electrophysiological Recording Techniques from Human Dorsal Root Ganglion. *Neuromethods*, **2022**, 115-133 0.4