

# Andrew J Mannes

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,688  
citations

186254

28  
h-index

189881

50  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A painful peripheral neuropathy in the rat produced by the chemotherapeutic drug, paclitaxel. <i>Pain</i> , 2001, 94, 293-304.	4.2	390
2	Deletion of vanilloid receptor 1-expressing primary afferent neurons for pain control. <i>Journal of Clinical Investigation</i> , 2004, 113, 1344-1352.	8.2	297
3	Physiologic and Antinociceptive Effects of Intrathecal Resiniferatoxin in a Canine Bone Cancer Model. <i>Anesthesiology</i> , 2005, 103, 1052-1059.	2.5	160
4	Radiofrequency Sacroiliac Joint Denervation for Sacroiliac Syndrome. <i>Regional Anesthesia and Pain Medicine</i> , 2001, 26, 137-142.	2.3	125
5	A Paracrine Paradigm for in Vivo Gene Therapy in the Central Nervous System: Treatment of Chronic Pain. <i>Human Gene Therapy</i> , 1999, 10, 1251-1257.	2.7	112
6	Molecular Signatures of Mouse TRPV1-Lineage Neurons Revealed by RNA-Seq Transcriptome Analysis. <i>Journal of Pain</i> , 2014, 15, 1338-1359.	1.4	104
7	The Vanilloid Agonist Resiniferatoxin for Interventional-Based Pain Control. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2171-2179.	2.1	83
8	RNA-Seq investigations of human post-mortem trigeminal ganglia. <i>Cephalalgia</i> , 2018, 38, 912-932.	3.9	75
9	Transcriptomic analyses of genes and tissues in inherited sensory neuropathies. <i>Experimental Neurology</i> , 2016, 283, 375-395.	4.1	72
10	Prolonged analgesic response of cornea to topical resiniferatoxin, a potent TRPV1 agonist. <i>Pain</i> , 2010, 149, 522-528.	4.2	65
11	Pain control through selective chemo-axotomy of centrally projecting TRPV1+ sensory neurons. <i>Journal of Clinical Investigation</i> , 2018, 128, 1657-1670.	8.2	61
12	Dynorphin: friend or foe?. <i>Pain</i> , 2000, 87, 235-239.	4.2	58
13	Nociception and inflammatory hyperalgesia evaluated in rodents using infrared laser stimulation after Trpv1 gene knockout or resiniferatoxin lesion. <i>Pain</i> , 2014, 155, 733-745.	4.2	58
14	A systems approach for discovering linoleic acid derivatives that potentially mediate pain and itch. <i>Science Signaling</i> , 2017, 10, .	3.6	58
15	Itch-Associated Peptides: RNA-Seq and Bioinformatic Analysis of Natriuretic Precursor Peptide B and Gastrin Releasing Peptide in Dorsal Root and Trigeminal Ganglia, and the Spinal Cord. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-44.	2.1	54
16	Peripheral targeting of the trigeminal ganglion via the infraorbital foramen as a therapeutic strategy. <i>Brain Research Protocols</i> , 2005, 15, 119-126.	1.6	53
17	Long-term pain relief in canine osteoarthritis by a single intra-articular injection of resiniferatoxin, a potent TRPV1 agonist. <i>Pain</i> , 2018, 159, 2105-2114.	4.2	52
18	Lipidomic profiling of targeted oxylipins with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6009-6029.	3.7	52

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19	Cystatin C as a cerebrospinal fluid biomarker for pain in humans. <i>Pain</i> , 2003, 102, 251-256.	4.2	50
20	Perineural Resiniferatoxin Selectively Inhibits Inflammatory Hyperalgesia. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-3.	2.1	50
21	Actions of intrathecal diphtheria toxin-substance P fusion protein on models of persistent pain. <i>Pain</i> , 1999, 79, 243-253.	4.2	48
22	Dietary alteration of n-3 and n-6 fatty acids for headache reduction in adults with migraine: randomized controlled trial. <i>BMJ, The</i> , 2021, 374, n1448.	6.0	43
23	Disruption of the Transient Receptor Potential Vanilloid 1 Can Affect Survival, Bacterial Clearance, and Cytokine Gene Expression during Murine Sepsis. <i>Anesthesiology</i> , 2011, 114, 1190-1199.	2.5	42
24	A Randomized Trial of the N-Methyl-d-Aspartate Receptor Glycine Site Antagonist Prodrug 4-Chlorokynurenine in Treatment-Resistant Depression. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 417-425.	2.1	42
25	Resiniferatoxin-Induced Loss of Plasma Membrane in Vanilloid Receptor Expressing Cells. <i>NeuroToxicology</i> , 2003, 24, 895-908.	3.0	40
26	Transcriptional Changes in Dorsal Spinal Cord Persist after Surgical Incision Despite Preemptive Analgesia with Peripheral Resiniferatoxin. <i>Anesthesiology</i> , 2018, 128, 620-635.	2.5	36
27	Dynorphin and Enkephalin Opioid Peptides and Transcripts in Spinal Cord and Dorsal Root Ganglion During Peripheral Inflammatory Hyperalgesia and Allodynia. <i>Journal of Pain</i> , 2020, 21, 988-1004.	1.4	35
28	Image-guided Nerve Cryoablation for Post-thoracotomy Pain Syndrome. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 843-846.	2.0	32
29	Music Listening Among Postoperative Patients in the Intensive Care Unit: A Randomized Controlled Trial with Mixed-Methods Analysis. <i>Integrative Medicine Insights</i> , 2017, 12, 117863371771645.	4.2	30
30	Transcriptomic analysis of human sensory neurons in painful diabetic neuropathy reveals inflammation and neuronal loss. <i>Scientific Reports</i> , 2022, 12, 4729.	3.3	30
31	Spinal k1 and k2 opioid binding sites in rats, guinea pigs, monkeys and humans. <i>NeuroReport</i> , 1998, 9, 2523-2525.	1.2	27
32	Anti-cytokine autoantibodies in postherpetic neuralgia. <i>Journal of Translational Medicine</i> , 2015, 13, 333.	4.4	26
33	Phosphorylation of the Transient Receptor Potential Ankyrin 1 by Cyclin-dependent Kinase 5 affects Chemo-nociception. <i>Scientific Reports</i> , 2018, 8, 1177.	3.3	22
34	Haploinsufficiency of the brain-derived neurotrophic factor gene is associated with reduced pain sensitivity. <i>Pain</i> , 2019, 160, 1070-1081.	4.2	22
35	Comparative Analysis of Dorsal Root, Nodose and Sympathetic Ganglia for the Development of New Analgesics. <i>Frontiers in Neuroscience</i> , 2020, 14, 615362.	2.8	21
36	PET ligands [ <sup>18</sup> F]LSN3316612 and [ <sup>11</sup> C]LSN3316612 quantify <sup>125</sup> I-linked <sup>125</sup> I-acetyl-glucosamine hydrolase in the brain. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	21

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37	Intrathecal administered cholera toxin blocks allodynia and hyperalgesia in persistent pain models. <i>Journal of Pain</i> , 2001, 2, 118-127.	1.4	18
38	Bite force and pattern measurements for dental pain assessment in the rat. <i>Neuroscience Letters</i> , 2008, 447, 175-178.	2.1	12
39	Pain Treatment in the Companion Canine Model to Validate Rodent Results and Incentivize the Transition to Human Clinical Trials. <i>Frontiers in Pharmacology</i> , 2021, 12, 705743.	3.5	11
40	Molecular Pathways Linking Oxylipins to Nociception in Rats. <i>Journal of Pain</i> , 2021, 22, 275-299.	1.4	10
41	Identifying oxidized lipid mediators as prognostic biomarkers of chronic posttraumatic headache. <i>Pain</i> , 2020, 161, 2775-2785.	4.2	10
42	Analgesia by deletion of spinal neurokinin 1 receptor expressing neurons using a bioengineered substance P- <i>Pseudomonas</i> exotoxin conjugate. <i>Molecular Pain</i> , 2017, 13, 174480691772765.	2.1	9
43	Thermal A- $\delta$ Nociceptors, Identified by Transcriptomics, Express Higher Levels of Anesthesia-Sensitive Receptors Than Thermal C-Fibers and Are More Suppressible by Low-Dose Isoflurane. <i>Anesthesia and Analgesia</i> , 2018, 127, 263-266.	2.2	9
44	Sensitization of spinal cord nociceptive neurons with a conjugate of substance P and cholera toxin. <i>BMC Neuroscience</i> , 2007, 8, 30.	1.9	8
45	Potential downsides of perfect pain relief. <i>Nature</i> , 2007, 446, 24-24.	27.8	7
46	Postoperative elevation in creatine kinase and its impact on renal function in patients undergoing complex partial nephrectomy. <i>International Urology and Nephrology</i> , 2016, 48, 1047-1053.	1.4	7
47	Longitudinal peripheral tissue RNA-seq transcriptomic profiling, hyperalgesia, and wound healing in the rat plantar surgical incision model. <i>FASEB Journal</i> , 2021, 35, e21852.	0.5	6
48	Complete pain relief: potential problems and diagnostic solutions. <i>Nature Clinical Practice Neurology</i> , 2007, 3, 648-649.	2.5	5
49	The Persistent Pain Transcriptome: Identification of Cells and Molecules Activated by Hyperalgesia. <i>Journal of Pain</i> , 2021, 22, 1146-1179.	1.4	5
50	Anatomical Analysis of Transient Potential Vanilloid Receptor 1 (Trpv1+) and Mu-Opioid Receptor (Oprm1+) Co-expression in Rat Dorsal Root Ganglion Neurons. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	2.9	5
51	Measurement of resiniferatoxin in cerebrospinal fluid by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 780, 475-479.	2.3	4
52	Longitudinal Transcriptomic Profiling in Carrageenan-Induced Rat Hind Paw Peripheral Inflammation and Hyperalgesia Reveals Progressive Recruitment of Innate Immune System Components. <i>Journal of Pain</i> , 2021, 22, 322-343.	1.4	4
53	Be in it for the Long Haul: A Commentary on Human Tissue Recovery Initiatives. <i>Journal of Pain</i> , 2022, 23, 1646-1650.	1.4	4
54	Measurement of resiniferatoxin in serum samples by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 823, 184-188.	2.3	3

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55	Resolution of diplopia with late treatment of post-dural puncture headache and intracranial hypotension. Canadian Journal of Anaesthesia, 2008, 55, 256-257.	1.6	2
56	Transcriptional Activation, Deactivation and Rebound Patterns in Cortex, Hippocampus and Amygdala in Response to Ketamine Infusion in Rats. Frontiers in Molecular Neuroscience, 2022, 15, .	2.9	2
57	Î²-ENDORPHIN EXPRESSION BY A REPLICATION-DEFECTIVE ADENOVIRUS. Regional Anesthesia and Pain Medicine, 1999, 24, 24.	2.3	1
58	The Assessment of Analgesia Associated With Intravenous Propofol. Regional Anesthesia and Pain Medicine, 1998, 23, 107.	2.3	0
59	The Author's Reply: inappropriate adrenoreceptor blockade prior to pheochromocytoma removal "â€" timely reappraisalâ€™™. Clinical Endocrinology, 2016, 85, 990-991.	2.4	0
60	Intrathecal Drug Delivery for Cancer Pain. , 2019, , 501-520.		0
61	Activation of Spinal kappa2Opioid Receptors. Expert Opinion on Therapeutic Targets, 1997, 1, 109-112.	1.0	0