Gary J Brenner

List of Publications by Year
in descending order

47 papers	5,087 citations	257450 24 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	5903 citing authors

#	Article	IF	Citations
1	Schwannoma Gene Therapy via Adeno-Associated Viral Vector Delivery of Apoptosis-Associated Speck-like Protein Containing CARD (ASC): Preclinical Efficacy and Safety. International Journal of Molecular Sciences, 2022, 23, 819.	4.1	2
2	Intratumoral injection of schwannoma with attenuated Salmonella typhimurium induces antitumor immunity and controls tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
3	Activation of GABAergic Neurons in the Rostromedial Tegmental Nucleus and Other Brainstem Regions Promotes Sedation and Facilitates Sevoflurane Anesthesia in Mice. Anesthesia and Analgesia, 2021, 132, e50-e55.	2.2	11
4	Transcriptomic signature of painful human neurofibromatosis type 2 schwannomas. Annals of Clinical and Translational Neurology, 2021, 8, 1508-1514.	3.7	3
5	Pain Education Innovations During a Global Pandemic. Pain Medicine, 2021, 22, 1891-1896.	1.9	0
6	Changes in Pain Medicine Training Programs Associated With COVID-19: Survey Results. Anesthesia and Analgesia, 2021, 132, 605-615.	2.2	7
7	NLRP3 inflammasome activation in human vestibular schwannoma: Implications for tumor-induced hearing loss. Hearing Research, 2019, 381, 107770.	2.0	33
8	Developing myelin specific promoters for schwannoma gene therapy. Journal of Neuroscience Methods, 2019, 323, 77-81.	2.5	3
9	Gene therapy with apoptosis-associated speck-like protein, a newly described schwannoma tumor suppressor, inhibits schwannoma growth in vivo. Neuro-Oncology, 2019, 21, 854-866.	1.2	18
10	The rostromedial tegmental nucleus: a key modulator of pain and opioid analgesia. Pain, 2019, 160, 2524-2534.	4.2	21
11	Schwannoma gene therapy by adeno-associated virus delivery of the pore-forming protein Gasdermin-D. Cancer Gene Therapy, 2019, 26, 259-267.	4.6	20
12	Do Pain Medicine Fellowship Programs Provide Education in Practice Management? A Survey of Pain Medicine Fellowship Programs. Pain Physician, 2018, 21, E43-E48.	0.4	4
13	635. Mechanisms of Caspase-1 Mediated Schwannoma Regression. Molecular Therapy, 2015, 23, S252.	8.2	0
14	An Important Step Forward in the Safe Use of Epidural Steroid Injections. Anesthesiology, 2015, 122, 964-966.	2.5	3
15	Headache Plus: Trigeminal and Autonomic Features in a Case of Cervicogenic Headache Responsive to Third Occipital Nerve Radiofrequency Ablation: Table 1. Pain Medicine, 2014, 15, 473-478.	1.9	8
16	Regression of Schwannomas Induced by Adeno-Associated Virus-Mediated Delivery of Caspase-1. Human Gene Therapy, 2013, 24, 152-162.	2.7	21
17	Genetically Engineered Microvesicles Carrying Suicide mRNA/Protein Inhibit Schwannoma Tumor Growth. Molecular Therapy, 2013, 21, 101-108.	8.2	282
18	Curriculum and Cases for Pain Medicine Crisis Resource Management Education. Anesthesia and Analgesia, 2013, 116, 107-110.	2.2	21

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19	Ethical Challenges and Interventional Pain Medicine. Current Pain and Headache Reports, 2012, 16, 1-8.	2.9	3
20	A novel imaging-compatible sciatic nerve schwannoma model. Journal of Neuroscience Methods, 2011, 195, 75-77.	2.5	15
21	miRNA-7 Attenuation in Schwannoma Tumors Stimulates Growth by Upregulating Three Oncogenic Signaling Pathways. Cancer Research, 2011, 71, 852-861.	0.9	142
22	The BMP Coreceptor RGMb Promotes While the Endogenous BMP Antagonist Noggin Reduces Neurite Outgrowth and Peripheral Nerve Regeneration by Modulating BMP Signaling. Journal of Neuroscience, 2011, 31, 18391-18400.	3.6	64
23	Accelerating axonal growth promotes motor recovery after peripheral nerve injury in mice. Journal of Clinical Investigation, 2011, 121, 4332-4347.	8.2	195
24	Imaging and therapy of experimental schwannomas using HSV amplicon vector-encoding apoptotic protein under Schwann cell promoter. Cancer Gene Therapy, 2010, 17, 266-274.	4.6	15
25	Dragon Enhances BMP Signaling and Increases Transepithelial Resistance in Kidney Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2010, 21, 666-677.	6.1	32
26	TRPA1 Contributes to Cold Hypersensitivity. Journal of Neuroscience, 2010, 30, 15165-15174.	3.6	248
27	T-Cell Infiltration and Signaling in the Adult Dorsal Spinal Cord Is a Major Contributor to Neuropathic Pain-Like Hypersensitivity. Journal of Neuroscience, 2009, 29, 14415-14422.	3.6	380
28	Nociceptors Are Interleukin-1Î² Sensors. Journal of Neuroscience, 2008, 28, 14062-14073.	3.6	533
29	Bradykinin Enhances AMPA and NMDA Receptor Activity in Spinal Cord Dorsal Horn Neurons by Activating Multiple Kinases to Produce Pain Hypersensitivity. Journal of Neuroscience, 2008, 28, 4533-4540.	3.6	99
30	Complement Induction in Spinal Cord Microglia Results in Anaphylatoxin C5a-Mediated Pain Hypersensitivity. Journal of Neuroscience, 2007, 27, 8699-8708.	3.6	211
31	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. Nature Neuroscience, 2007, 10, 870-879.	14.8	504
32	Bradykinin and peripheral sensitization. Biological Chemistry, 2006, 387, 11-4.	2.5	79
33	Bradykinin Produces Pain Hypersensitivity by Potentiating Spinal Cord Glutamatergic Synaptic Transmission. Journal of Neuroscience, 2005, 25, 7986-7992.	3.6	130
34	Localization and Action of Dragon (Repulsive Guidance Molecule b), a Novel Bone Morphogenetic Protein Coreceptor, throughout the Reproductive Axis. Endocrinology, 2005, 146, 3614-3621.	2.8	30
35	Ionotropic and Metabotropic Receptors, Protein Kinase A, Protein Kinase C, and Src Contribute to C-Fiber-Induced ERK Activation and cAMP Response Element-Binding Protein Phosphorylation in Dorsal Horn Neurons, Leading to Central Sensitization. Journal of Neuroscience, 2004, 24, 8310-8321.	3.6	348
36	Peripheral noxious stimulation induces phosphorylation of the NMDA receptor NR1 subunit at the PKC-dependent site, serine-896, in spinal cord dorsal horn neurons. European Journal of Neuroscience, 2004, 20, 375-384.	2.6	125

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37	ERK MAP Kinase Activation in Superficial Spinal Cord Neurons Induces Prodynorphin and NK-1 Upregulation and Contributes to Persistent Inflammatory Pain Hypersensitivity. Journal of Neuroscience, 2002, 22, 478-485.	3.6	429
38	Nociceptive-specific activation of ERK in spinal neurons contributes to pain hypersensitivity. Nature Neuroscience, 1999, 2, 1114-1119.	14.8	699
39	Neural, Endocrine, and Immune System Interactions. Advances in Experimental Medicine and Biology, 1998, 438, 541-549.	1.6	12
40	Stressor-Induced Alterations in Immune Response and Viral Clearance Following Infection with Herpes Simplex Virus-Type 1 in BALB/c and C57Bl/6 Mice. Brain, Behavior, and Immunity, 1997, 11, 9-23.	4.1	33
41	Similar Immune Response to Nonlethal Infection with Herpes Simplex Virus-1 in Sensitive (BALB/c) and Resistant (C57BL/6) Strains of Mice. Cellular Immunology, 1994, 157, 510-524.	3.0	43
42	Sympathetic nervous system modulation of the immune system. III. Alterations in T and B cell proliferation and differentiation in vitro following chemical sympathectomy. Journal of Neuroimmunology, 1994, 49, 77-87.	2.3	135
43	The Effects of Handling Adult Mice on Immunologically Relevant Processes. Annals of the New York Academy of Sciences, 1992, 650, 262-267.	3.8	11
44	Sympathetic nervous system modulation of tumor metastases and host defense mechanisms. Journal of Neuroimmunology, 1992, 37, 191-201.	2.3	21
45	Increased pulmonary metastases and natural killer cell activity in mice following handling. Life Sciences, 1990, 47, 1813-1819.	4.3	24
46	The effects of handling on antibody production, mitogen responses, spleen cell number, and lymphocyte subpopulations. Life Sciences, 1990, 46, 1937-1944.	4.3	34
47	Repeated intraperitoneal injections of saline attenuate the antibody response to a subsequent intraperitoneal injection of antigen. Brain, Behavior, and Immunity, 1989, 3, 90-96.	4.1	23