

Ratan Kumar Banik

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

723
citations

623734

14
h-index

552781

26
g-index

35
all docs

35
docs citations

35
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased nerve growth factor after rat plantar incision contributes to guarding behavior and heat hyperalgesia. <i>Pain</i> , 2005, 117, 68-76.	4.2	97
2	Excitation and sensitization of nociceptors by bradykinin: what do we know?. <i>Experimental Brain Research</i> , 2009, 196, 53-65.	1.5	70
3	Spontaneous discharge and increased heat sensitivity of rat C-fiber nociceptors are present in vitro after plantar incision. <i>Pain</i> , 2004, 112, 204-213.	4.2	61
4	Trpv1 mediates spontaneous firing and heat sensitization of cutaneous primary afferents after plantar incision. <i>Pain</i> , 2009, 141, 41-51.	4.2	55
5	Sensitization of primary afferents to mechanical and heat stimuli after incision in a novel in vitro mouse glabrous skin-nerve preparation. <i>Pain</i> , 2008, 138, 380-391.	4.2	53
6	B2 Receptor-Mediated Enhanced Bradykinin Sensitivity of Rat Cutaneous C-Fiber Nociceptors During Persistent Inflammation. <i>Journal of Neurophysiology</i> , 2001, 86, 2727-2735.	1.8	52
7	Current Innovations in Peripheral Nerve Stimulation. <i>Pain Research and Treatment</i> , 2018, 2018, 1-5.	1.7	42
8	Contribution of TRPV1 to the bradykinin-evoked nociceptive behavior and excitation of cutaneous sensory neurons. <i>Neuroscience Research</i> , 2008, 62, 168-175.	1.9	38
9	Differences between the Lewis and Sprague-Dawley rats in chronic inflammation induced norepinephrine sensitivity of cutaneous C-fiber nociceptors. <i>Neuroscience Letters</i> , 2001, 299, 21-24.	2.1	33
10	Evidence of Short-Range Aerosol Transmission of SARS-CoV-2 and Call for Universal Airborne Precautions for Anesthesiologists During the COVID-19 Pandemic. <i>Anesthesia and Analgesia</i> , 2020, 131, e102-e104.	2.2	33
11	Effect of capsaicin treatment on nociceptors in rat glabrous skin one day after plantar incision. <i>Pain</i> , 2010, 148, 128-140.	4.2	32
12	A modified Hargreaves method for assessing threshold temperatures for heat nociception. <i>Journal of Neuroscience Methods</i> , 2013, 219, 41-51.	2.5	22
13	Spontaneous Pain-Like Behaviors Are More Sensitive to Morphine and Buprenorphine Than Mechanically Evoked Behaviors in a Rat Model of Acute Postoperative Pain. <i>Anesthesia and Analgesia</i> , 2015, 120, 472-478.	2.2	20
14	Interactions of bradykinin and norepinephrine on rat cutaneous nociceptors in both normal and inflamed conditions in vitro. <i>Neuroscience Research</i> , 2004, 49, 421-425.	1.9	19
15	Reexamination of the Difference in Susceptibility to Adjuvant-Induced Arthritis among LEW/Crj, Slc/Wistar/ST and Slc/SD Rats.. <i>Experimental Animals</i> , 2002, 51, 197-201.	1.1	14
16	Adverse Events and Complications Associated With Intrathecal Drug Delivery Systems: Insights From the Manufacturer and User Facility Device Experience (MAUDE) Database. <i>Neuromodulation</i> , 2021, 24, 1181-1189.	0.8	10
17	<i>In Vivo</i> Calcium Imaging Visualizes Incision-Induced Primary Afferent Sensitization and Its Amelioration by Capsaicin Pretreatment. <i>Journal of Neuroscience</i> , 2021, 41, 8494-8507.	3.6	10
18	Global transcriptome analysis of rat dorsal root ganglia to identify molecular pathways involved in incisional pain. <i>Molecular Pain</i> , 2020, 16, 174480692095648.	2.1	9

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19	Lack of relationship between epidermal denervation by capsaicin and incisional pain behaviours: A laser scanning confocal microscopy study in rats. <i>European Journal of Pain</i> , 2020, 24, 1197-1208.	2.8	9
20	Norepinephrine reduces heat responses of cutaneous C-fiber nociceptors in Sprague-Dawley rats in vitro. <i>Neuroscience Letters</i> , 2005, 378, 111-116.	2.1	8
21	Nonlinear Inverted-U Shaped Relationship Between Aging and Epidermal Innervation in the Rat Plantar Hind Paw: A Laser Scanning Confocal Microscopy Study. <i>Journal of Pain</i> , 2018, 19, 1015-1023.	1.4	8
22	Anesthetic consideration for patients with micra leadless pacemaker. <i>Annals of Cardiac Anaesthesia</i> , 2020, 23, 493.	0.6	7
23	Therapeutic benefits of placebo surgery and challenges in neuromodulation research. <i>Pain</i> , 2020, 161, 1937-1939.	4.2	5
24	Spinal Epidural Hematoma after Interlaminar Cervical Epidural Steroid Injection. <i>Anesthesiology</i> , 2019, 131, 1342-1343.	2.5	4
25	Outcomes Associated With Infection of Chronic Pain Spinal Implantable Electronic Devices: Insights From a Nationwide Inpatient Sample Study. <i>Neuromodulation</i> , 2021, 24, 126-134.	0.8	4
26	Aging: Blessing or danger for individuals with painful conditions. <i>Pain</i> , 2007, 132, 337-338.	4.2	2
27	Ziconotide for Management of Cancer Pain Refractory to Pharmacotherapy: An Update. <i>Pain Medicine</i> , 2020, 21, 3253-3259.	1.9	2
28	Industry Payments to Pain Medicine Physicians: An Analysis of the Centers for Medicare and Medicaid Services Open Payments Program. <i>Pain Medicine</i> , 2021, 22, 1376-1386.	1.9	2
29	Anesthetic Management for Emergent Repair of Tracheoinnominate Fistula. <i>Case Reports in Anesthesiology</i> , 2020, 2020, 1-4.	0.4	1
30	Incidence and Mortality Rate of Perioperative Reintubation: Case Series of 196 Patients. <i>AANA Journal</i> , 2021, 89, 476-479.	0.4	1
31	Short-Lasting Effect of Perineural Resiniferatoxin on Mechanical Hyperalgesia. <i>Anesthesia and Analgesia</i> , 2005, 101, 1560-1561.	2.2	0
32	Statistical significance versus clinical relevance. Comment on <i>Br J Anaesth</i> 2020; 124: 154-63. <i>British Journal of Anaesthesia</i> , 2020, 124, e227-e228.	3.4	0
33	Iliocostal Friction Syndrome Due to Hair-Pin Shaped Thoracic Kyphosis. <i>Pain Medicine</i> , 2021, 22, 1223-1224.	1.9	0
34	Time Is Spine. <i>Pain Medicine</i> , 2021, 22, 1705-1707.	1.9	0
35	A Predictive Model for Developing Long Term Opioid Use After Neurosurgery and Orthopedic Surgery.. <i>AANA Journal</i> , 2022, 90, 114-120.	0.4	0