

Asokumar Buvanendran

List of Publications by Citations

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141
papers

5,557
citations

35
h-index

72
g-index

157
ext. papers

6,666
ext. citations

3.7
avg, IF

5.62
L-index

#	Paper	IF	Citations
141	Validation of proposed diagnostic criteria (the "Budapest Criteria") for Complex Regional Pain Syndrome. <i>Pain</i> , 2010 , 150, 268-274	8	643
140	Multimodal analgesia for controlling acute postoperative pain. <i>Current Opinion in Anaesthesiology</i> , 2009 , 22, 588-93	2.9	329
139	Perioperative oral pregabalin reduces chronic pain after total knee arthroplasty: a prospective, randomized, controlled trial. <i>Anesthesia and Analgesia</i> , 2010 , 110, 199-207	3.9	323
138	The appropriate use of neurostimulation of the spinal cord and peripheral nervous system for the treatment of chronic pain and ischemic diseases: the Neuromodulation Appropriateness Consensus Committee. <i>Neuromodulation</i> , 2014 , 17, 515-50; discussion 550	3.1	318
137	Effects of perioperative administration of a selective cyclooxygenase 2 inhibitor on pain management and recovery of function after knee replacement: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 2411-8	27.4	267
136	Upregulation of prostaglandin E2 and interleukins in the central nervous system and peripheral tissue during and after surgery in humans. <i>Anesthesiology</i> , 2006 , 104, 403-10	4.3	225
135	Interventional spine and pain procedures in patients on antiplatelet and anticoagulant medications: guidelines from the American Society of Regional Anesthesia and Pain Medicine, the European Society of Regional Anaesthesia and Pain Therapy, the American Academy of Pain Medicine, the International Society of Regional Anesthesia, the North American Neurological Society, and the American Society of Anesthesiologists. <i>Anesthesiology</i> , 2015 , 122, 974-84	3.4	183
134	Safeguards to prevent neurologic complications after epidural steroid injections: consensus opinions from a multidisciplinary working group and national organizations. <i>Anesthesiology</i> , 2015 , 122, 974-84	4.3	179
133	Intrathecal Magnesium Prolongs Fentanyl Analgesia: A Prospective, Randomized, Controlled Trial. <i>Anesthesia and Analgesia</i> , 2002 , 95, 661-666	3.9	136
132	Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Acute Pain Management From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists. <i>Regional Anesthesia and Pain Medicine</i> , 2018 , 43, 456-466	3.4	128
131	Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Chronic Pain From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists. <i>Regional Anesthesia and Pain Medicine</i> , 2018 , 43, 521-546	3.4	109
130	Predictors for moderate to severe acute postoperative pain after total hip and knee replacement. <i>International Orthopaedics</i> , 2012 , 36, 2261-7	3.8	103
129	A cross-sectional survey on prevalence and risk factors for persistent postsurgical pain 1 year after total hip and knee replacement. <i>Regional Anesthesia and Pain Medicine</i> , 2012 , 37, 415-22	3.4	101
128	The analgesic efficacy of celecoxib, pregabalin, and their combination for spinal fusion surgery. <i>Anesthesia and Analgesia</i> , 2006 , 103, 1271-7	3.9	101
127	Clonidine prolongation of lidocaine analgesia after sciatic nerve block in rats is mediated via the hyperpolarization-activated cation current, not by alpha-adrenoreceptors. <i>Anesthesiology</i> , 2004 , 101, 488-94	4.3	87
126	Development of a severity score for CRPS. <i>Pain</i> , 2010 , 151, 870-876	8	85
125	Preventing the development of chronic pain after orthopaedic surgery with preventive multimodal analgesic techniques. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 1343-58	5.6	76

124	Characterization of a new animal model for evaluation of persistent postthoracotomy pain. <i>Anesthesia and Analgesia</i> , 2004 , 99, 1453-1460	3.9	74
123	The Incidence and Severity of Postoperative Pain following Inpatient Surgery. <i>Pain Medicine</i> , 2015 , 16, 2277-83	2.8	72
122	Recent advances in multimodal analgesia. <i>Anesthesiology Clinics</i> , 2012 , 30, 91-100	2.3	66
121	Useful adjuvants for postoperative pain management. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2007 , 21, 31-49	4	65
120	Consensus practice guidelines on interventions for lumbar facet joint pain from a multispecialty, international working group. <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 424-467	3.4	57
119	Relationships Between Sleep Quality and Pain-Related Factors for People with Chronic Low Back Pain: Tests of Reciprocal and Time of Day Effects. <i>Annals of Behavioral Medicine</i> , 2017 , 51, 365-375	4.5	57
118	Local anesthetic sciatic nerve block and nerve fiber damage in diabetic rats. <i>Regional Anesthesia and Pain Medicine</i> , 2010 , 35, 343-50	3.4	57
117	Anesthesia and Analgesia Practice Pathway Options for Total Knee Arthroplasty: An Evidence-Based Review by the American and European Societies of Regional Anesthesia and Pain Medicine. <i>Regional Anesthesia and Pain Medicine</i> , 2017 , 42, 683-697	3.4	54
116	The mechanisms of intracranial pressure modulation by epidural blood and other injectates in a postdural puncture rat model. <i>Anesthesia and Analgesia</i> , 2002 , 95, 423-9, table of contents	3.9	53
115	Focus on the COX-1 and COX-2 agents: renal events of nonsteroidal and anti-inflammatory drugs-NSAIDs. <i>American Journal of Therapeutics</i> , 2004 , 11, 124-9	1	48
114	Can a single dose of 300 mg of pregabalin reach acute antihyperalgesic levels in the central nervous system?. <i>Regional Anesthesia and Pain Medicine</i> , 2010 , 35, 535-8	3.4	47
113	Preventing the Development of Chronic Pain After Orthopaedic Surgery with Preventive Multimodal Analgesic Techniques. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 1343-1358	5.6	45
112	Upregulation of cerebrospinal fluid and peripheral prostaglandin E2 in a rat postoperative pain model. <i>Anesthesia and Analgesia</i> , 2006 , 103, 334-43, table of contents	3.9	43
111	The James A. Rand Young Investigator Award: Large Opioid Prescriptions Are Unnecessary After Total Joint Arthroplasty: A Randomized Controlled Trial. <i>Journal of Arthroplasty</i> , 2019 , 34, S4-S10	4.4	40
110	Predictive Factors for Developing Chronic Pain After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018 , 33, 3372-3378	4.4	39
109	The rat intervertebral disk degeneration pain model: relationships between biological and structural alterations and pain. <i>Arthritis Research and Therapy</i> , 2011 , 13, R165	5.7	37
108	Anger arousal and behavioral anger regulation in everyday life among patients with chronic low back pain: Relationships to patient pain and function. <i>Health Psychology</i> , 2015 , 34, 547-55	5	36
107	Multimodal Analgesia Versus Intravenous Patient-Controlled Analgesia for Minimally Invasive Transforaminal Lumbar Interbody Fusion Procedures. <i>Spine</i> , 2017 , 42, 1145-1150	3.3	35

106	Postoperative pain and analgesic responses are similar in male and female Sprague-Dawley rats. <i>Canadian Journal of Anaesthesia</i> , 2003 , 50, 904-8	3	35
105	Upregulation of spinal cyclooxygenase-2 in rats after surgical incision. <i>Anesthesiology</i> , 2004 , 100, 364-9	4.3	34
104	The Mechanisms of Intracranial Pressure Modulation by Epidural Blood and Other Injectates in a Postdural Puncture Rat Model. <i>Anesthesia and Analgesia</i> , 2002 , 95, 423-429	3.9	34
103	Preoperative and postoperative anesthetic and analgesic techniques for minimally invasive surgery of the spine. <i>Spine</i> , 2010 , 35, S274-80	3.3	33
102	Endogenous opioid function mediates the association between laboratory-evoked pain sensitivity and morphine analgesic responses. <i>Pain</i> , 2013 , 154, 1856-1864	8	32
101	Cyclooxygenase-2 Inhibition Potentiates Morphine Antinociception At the Spinal Level in a Postoperative Pain Model. <i>Regional Anesthesia and Pain Medicine</i> , 2002 , 27, 451-455	3.4	32
100	The ACTION-APS-AAPM Pain Taxonomy (AAAPT) Multidimensional Approach to Classifying Acute Pain Conditions. <i>Journal of Pain</i> , 2017 , 18, 479-489	5.2	31
99	An International Survey to Understand Infection Control Practices for Spinal Cord Stimulation. <i>Neuromodulation</i> , 2016 , 19, 71-84	3.1	31
98	Characterization of a new animal model for evaluation and treatment of back pain due to lumbar facet joint osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2966-73		30
97	A new knee surgery model in rats to evaluate functional measures of postoperative pain. <i>Anesthesia and Analgesia</i> , 2008 , 107, 300-8	3.9	30
96	The Communal Coping Model of Pain Catastrophizing in Daily Life: A Within-Couples Daily Diary Study. <i>Journal of Pain</i> , 2015 , 16, 1163-75	5.2	28
95	Cerebrospinal fluid neurotransmitter changes during the perioperative period in patients undergoing total knee replacement: a randomized trial. <i>Anesthesia and Analgesia</i> , 2012 , 114, 434-41	3.9	28
94	The ACTION-APS-AAPM Pain Taxonomy (AAAPT) Multidimensional Approach to Classifying Acute Pain Conditions. <i>Pain Medicine</i> , 2017 , 18, 947-958	2.8	27
93	Multimodal Versus Patient-Controlled Analgesia After an Anterior Cervical Decompression and Fusion. <i>Spine</i> , 2016 , 41, 994-998	3.3	26
92	Acute postoperative pain is an independent predictor of chronic postsurgical pain following total knee arthroplasty at 6 months: a prospective cohort study. <i>Regional Anesthesia and Pain Medicine</i> , 2019 , 44,	3.4	26
91	Spinal epidural hematoma after spinal cord stimulator trial lead placement in a patient taking aspirin. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 70-2	3.4	25
90	Postoperative modulation of central nervous system prostaglandin E2 by cyclooxygenase inhibitors after vascular surgery. <i>Anesthesiology</i> , 2006 , 104, 411-6	4.3	25
89	Occult cervical (C1-2) dural tear causing bilateral recurrent subdural hematomas and repaired with cervical epidural blood patch. <i>Journal of Neurosurgery: Spine</i> , 2008 , 9, 483-7	2.8	24

88	Efficacy of Transverse Tripolar Spinal Cord Stimulator for the Relief of Chronic Low Back Pain from Failed Back Surgery. <i>Pain Physician</i> , 2008 , 3;11, 333-338	1.8	23
87	Spouse criticism and hostility during marital interaction: effects on pain intensity and behaviors among individuals with chronic low back pain. <i>Pain</i> , 2018 , 159, 25-32	8	22
86	Efficacy of transverse tripolar spinal cord stimulator for the relief of chronic low back pain from failed back surgery. <i>Pain Physician</i> , 2008 , 11, 333-8	1.8	22
85	Cerebrospinal fluid and plasma pharmacokinetics of the cyclooxygenase 2 inhibitor rofecoxib in humans: single and multiple oral drug administration. <i>Anesthesia and Analgesia</i> , 2005 , 100, 1320-1324	3.9	21
84	Anesthetic techniques for minimally invasive total knee arthroplasty. <i>Journal of Knee Surgery</i> , 2006 , 19, 133-6	2.4	20
83	Associations Between Sleep Disturbance and Chronic Pain Intensity and Function: A Test of Direct and Indirect Pathways. <i>Clinical Journal of Pain</i> , 2019 , 35, 569-576	3.5	19
82	Continuous Adductor Canal Blocks Provide Superior Ambulation and Pain Control Compared to Epidural Analgesia for Primary Knee Arthroplasty: A Randomized, Controlled Trial. <i>Journal of Arthroplasty</i> , 2018 , 33, 1040-1044.e1	4.4	19
81	Variability in negative emotions among individuals with chronic low back pain: relationships with pain and function. <i>Pain</i> , 2018 , 159, 342-350	8	19
80	Psychosocial factors predict opioid analgesia through endogenous opioid function. <i>Pain</i> , 2017 , 158, 391-899		18
79	Absorption and distribution of etoricoxib in plasma, CSF, and wound tissue in patients following hip surgery--a pilot study. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010 , 381, 127-36	3.4	17
78	Efficacy of the ketamine metabolite (2R,6R)-hydroxynorketamine in mice models of pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 , 44, 111-117	3.4	16
77	Endogenous opioid inhibition of chronic low-back pain influences degree of back pain relief after morphine administration. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 120-5	3.4	16
76	Anti-cytokine autoantibodies in postherpetic neuralgia. <i>Journal of Translational Medicine</i> , 2015 , 13, 333	8.5	15
75	Short-term glycemic control is effective in reducing surgical site infection in diabetic rats. <i>Anesthesia and Analgesia</i> , 2015 , 120, 1289-96	3.9	15
74	Effect of acute versus continuous glycemic control on duration of local anesthetic sciatic nerve block in diabetic rats. <i>Regional Anesthesia and Pain Medicine</i> , 2012 , 37, 595-600	3.4	15
73	Cyclooxygenase-2 inhibition potentiates morphine antinociception at the spinal level in a postoperative pain model. <i>Regional Anesthesia and Pain Medicine</i> , 2002 , 27, 451-5	3.4	15
72	Anger arousal and behavioral anger regulation in everyday life among people with chronic low back pain: Relationships with spouse responses and negative affect. <i>Health Psychology</i> , 2016 , 35, 29-40	5	14
71	Expectancy Effects on Conditioned Pain Modulation Are Not Influenced by Naloxone or Morphine. <i>Annals of Behavioral Medicine</i> , 2016 , 50, 497-505	4.5	14

70	The Contribution of Differential Opioid Responsiveness to Identification of Opioid Risk in Chronic Pain Patients. <i>Journal of Pain</i> , 2015 , 16, 666-75	5.2	13
69	Upregulation of dorsal horn microglial cyclooxygenase-1 and neuronal cyclooxygenase-2 after thoracic deep muscle incisions in the rat. <i>Anesthesia and Analgesia</i> , 2008 , 106, 1288-95, table of contents ^{3,9}	3.9	13
68	Multimodal analgesia in pain management after spine surgery. <i>Journal of Spine Surgery</i> , 2019 , 5, S154-S159	5.9	12
67	Safety of local anesthetics administered intrathecally in diabetic rats. <i>Pain Medicine</i> , 2012 , 13, 802-7	2.8	12
66	Biochemical and Pharmacological Characterization of a Mice Model of Complex Regional Pain Syndrome. <i>Regional Anesthesia and Pain Medicine</i> , 2017 , 42, 507-516	3.4	12
65	Characterization of pain and pharmacologic responses in an animal model of lumbar adhesive arachnoiditis. <i>Spine</i> , 2005 , 30, 1828-31	3.3	11
64	Regional Anesthesia in Total Joint Arthroplasty: What Is the Evidence?. <i>Journal of Arthroplasty</i> , 2017 , 32, S74-S76	4.4	10
63	Endogenous Opioid Function and Responses to Morphine: The Moderating Effects of Anger Expressiveness. <i>Journal of Pain</i> , 2017 , 18, 923-932	5.2	10
62	Opioids in Total Joint Arthroplasty: The Clinical Practice Guidelines of the American Association of Hip and Knee Surgeons, American Society of Regional Anesthesia and Pain Medicine, American Academy of Orthopaedic Surgeons, Hip Society, and Knee Society. <i>Journal of Arthroplasty</i> , 2020 , 35, 2709-2714	4.4	10
61	Oral Ketamine for Acute Pain Management After Amputation Surgery. <i>Pain Medicine</i> , 2018 , 19, 1265-1270	5.8	10
60	Lumiracoxib. <i>Drugs of Today</i> , 2007 , 43, 137-47	2.5	10
59	Brain activity associated with chronic cancer pain. <i>Pain Physician</i> , 2010 , 13, E337-42	1.8	10
58	The shortened infusion time of intravenous ibuprofen, part 2: a multicenter, open-label, surgical surveillance trial to evaluate safety. <i>Clinical Therapeutics</i> , 2015 , 37, 368-75	3.5	9
57	Are endogenous opioid mechanisms involved in the effects of aerobic exercise training on chronic low back pain? A randomized controlled trial. <i>Pain</i> , 2020 , 161, 2887-2897	8	9
56	Anesthesia and postoperative pain control-multimodal anesthesia protocol. <i>Journal of Spine Surgery</i> , 2019 , 5, S160-S165	2.5	9
55	Cytokine gene expression after total hip arthroplasty: surgical site versus circulating neutrophil response. <i>Anesthesia and Analgesia</i> , 2009 , 109, 959-64	3.9	9
54	The use of brain positron emission tomography to identify sites of postoperative pain processing with and without epidural analgesia. <i>Anesthesia and Analgesia</i> , 2007 , 105, 1784-6, table of contents	3.9	9
53	Enhanced Recovery After Surgery Pathway for Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion Decreases Length of Stay and Opioid Consumption. <i>Neurosurgery</i> , 2021 , 88, 648-657	3.2	9

52	Preoperative cognitive-behavioral therapy for reducing pain catastrophizing and improving pain outcomes after total knee replacement: a randomized clinical trial. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 313-321	3-4	9
51	Preoperative cyclooxygenase-2 inhibitor treatment reduces the incidence of heterotopic ossification after hip arthroplasty: six-month follow-up. <i>Anesthesiology</i> , 2007 , 107, 358-9	4-3	8
50	Recent advances in nonopioid analgesics for acute pain management. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2007 , 11, 19-26		8
49	The association between endogenous opioid function and morphine responsiveness: a moderating role for endocannabinoids. <i>Pain</i> , 2019 , 160, 676-687	8	8
48	Relative Contribution of Adjuvants to Local Anesthetic for Prolonging the Duration of Peripheral Nerve Blocks in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2016 , 41, 589-92	3-4	7
47	Perioperative management with epidural anesthesia for a parturient with superior vena caval obstruction. <i>Anesthesia and Analgesia</i> , 2004 , 98, 1160-1163	3-9	7
46	Antihyperalgesia effect of AMP-activated protein kinase (AMPK) activators in a mouse model of postoperative pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3-4	7
45	Perioperative high inspired oxygen fraction therapy reduces surgical site infection with <i>Pseudomonas aeruginosa</i> in rats. <i>Journal of Medical Microbiology</i> , 2016 , 65, 738-744	3-2	7
44	Relationship between endogenous opioid function and opioid analgesic adverse effects. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 219-24	3-4	6
43	Multimodal systemic and intra-articular analgesics. <i>International Anesthesiology Clinics</i> , 2011 , 49, 117-33	0.6	6
42	Physician Guidance on the Use of Off-Labeled Drugs in Intrathecal Drug Delivery Systems for Chronic Pain. <i>Neuromodulation</i> , 2019 , 22, 765-768	3-1	5
41	Gabapentinoids in Total Joint Arthroplasty: The Clinical Practice Guidelines of the American Association of Hip and Knee Surgeons, American Society of Regional Anesthesia and Pain Medicine, American Academy of Orthopaedic Surgeons, Hip Society, and Knee Society. <i>Journal of Arthroplasty</i> , 2020 , 35, 2700-2703	4-4	5
40	Nonsteroidal Anti-inflammatory Drugs, Acetaminophen, and COX-2 Inhibitors 2014 , 553-568.e5		5
39	Regional anesthesia and analgesia: prevention of chronic pain. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2008 , 12, 199-202		5
38	Outpatient Minimally Invasive Lumbar Fusion Using Multimodal Analgesic Management in the Ambulatory Surgery Setting. <i>International Journal of Spine Surgery</i> , 2020 , 14, 970-981	1-4	5
37	Blood-Brain Barrier Penetration of Oral Rofecoxib, a Selective Cyclooxygenase-2 (COX-2) Inhibitor, in Dogs. <i>Anesthesiology</i> , 2002 , 96, A465	4-3	5
36	Local Vancomycin Effectively Reduces Surgical Site Infection at Implant Site in Rodents. <i>Regional Anesthesia and Pain Medicine</i> , 2018 , 43, 795-804	3-4	5
35	Early Treatment With Metformin in a Mice Model of Complex Regional Pain Syndrome Reduces Pain and Edema. <i>Anesthesia and Analgesia</i> , 2020 , 130, 525-534	3-9	4

34	Local Drug Infiltration Analgesia During Knee Surgery to Reduce Postoperative Pain in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2016 , 41, 374-9	3-4	4
33	Local Infiltration of Analgesics at Surgical Wound to Reduce Postoperative Pain After Laparotomy in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2016 , 41, 691-695	3-4	4
32	Use of a quantitative platelet function test to guide epidural catheter removal in a patient who inadvertently received clopidogrel. <i>Pain Medicine</i> , 2015 , 16, 1029-30	2.8	4
31	Nonopioid Adjuvants in Multimodal Therapy for Acute Perioperative Pain. <i>Advances in Anesthesia</i> , 2009 , 27, 111-142	0.6	4
30	AMP-activated protein kinase (AMPK) activator drugs reduce mechanical allodynia in a mouse model of low back pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3-4	4
29	Spouse Criticism/Hostility Toward Partners With Chronic Pain: The Role of Spouse Attributions for Patient Control Over Pain Behaviors. <i>Journal of Pain</i> , 2018 , 19, 1308-1317	5-2	3
28	Self-reported cumulative medical opioid exposure and subjective responses on first use of opioids predict analgesic and subjective responses to placebo-controlled opioid administration. <i>Regional Anesthesia and Pain Medicine</i> , 2019 , 44, 92-99	3-4	3
27	Spouse and Patient Beliefs and Perceptions About Chronic Pain: Effects on Couple Interactions and Patient Pain Behavior. <i>Journal of Pain</i> , 2019 , 20, 1176-1186	5-2	2
26	Best practices in the treatment of neuropathic pain. <i>Pain Management</i> , 2013 , 3, 475-83	2-3	2
25	Interpreting the MINT randomized clinical trials: let us stick to the facts. <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 84-86	3-4	2
24	RNA expression preoperatively and postoperatively following total knee replacement: a pilot study in patients with and without chronic postsurgical pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3-4	1
23	Multimodal Analgesia for Perioperative Pain Management. <i>Refresher Courses in Anesthesiology</i> , 2012 , 40, 1-6		1
22	Nonsteroidal Anti-inflammatory Drugs 2013 , 35-44		1
21	Nonopioid analgesics: NSAIDs, COX-2 inhibitors, and acetaminophen 2011 , 130-139		1
20	The Neurostimulation Appropriateness Consensus Committee (NACC): Recommendations on Best Practices for Cervical Neurostimulation.. <i>Neuromodulation</i> , 2022 , 25, 35-52	3-1	1
19	A Comparison of Refill Procedures and Patient Outcomes Following Ultrasound-Guided and Template-Guided Intrathecal Drug Delivery Systems With Recessed Ports. <i>Neuromodulation</i> , 2020 , 23, 938-943	3-1	1
18	Radiation safety and knowledge: an international survey of 708 interventional pain physicians. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 469-476	3-4	1
17	Greater Conditioned Pain Modulation Is Associated With Enhanced Morphine Analgesia in Healthy Individuals and Patients With Chronic Low Back Pain. <i>Clinical Journal of Pain</i> , 2021 , 37, 20-27	3-5	1

16	Complex Regional Pain Syndrome: A Comprehensive Qualitative Research Study on Unmet Needs in the "Patient Journey". <i>Journal of Pain Research</i> , 2021 , 14, 2391-2401	2.9	1
15	Multimodal Analgesic Management for Lumbar Decompression Surgery in the Ambulatory Setting: Clinical Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2021 , 154, e656-e664	2.1	1
14	The Neurostimulation Appropriateness Consensus Committee (NACC): Recommendations for Surgical Technique for Spinal Cord Stimulation.. <i>Neuromodulation</i> , 2022 , 25, 1-34	3.1	0
13	Does aerobic exercise training alter responses to opioid analgesics in individuals with chronic low back pain? A randomized controlled trial. <i>Pain</i> , 2021 , 162, 2204-2213	8	0
12	The use of perioperative multimodal analgesia 2014 , 6-15		0
11	Brain Activity Associated with Chronic Cancer Pain. <i>Pain Physician</i> , 2010 , 5;13, E342-E342	1.8	0
10	Multimodal Analgesic Management for Cervical Spine Surgery in the Ambulatory Setting. <i>International Journal of Spine Surgery</i> , 2021 , 15, 219-227	1.4	0
9	Multi-Site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol.. <i>Frontiers in Medicine</i> , 2022 , 9, 849214	4.9	0
8	Nonsteroidal Anti-inflammatory Drugs 2015 , 33-42		
7	Reply to Dr Williams et al. <i>Regional Anesthesia and Pain Medicine</i> , 2017 , 42, 272-273	3.4	
6	The Role of Preventive Multimodal Analgesia and Impact on Patient Outcome 172-187		
5	Intrathecal magnesium prolongs fentanyl analgesia. <i>Anesthesia and Analgesia</i> , 2003 , 96, 1533	3.9	
4	Response to Letter to the Editor by Soffin et al. <i>International Journal of Spine Surgery</i> , 2021 , 15, 850-852	1.4	
3	Response to letter regarding Trajectories of opioid consumption from day of surgery to 28 days postoperatively: a prospective cohort study in patients undergoing abdominal, joint, or spine surgery <i>Regional Anesthesia and Pain Medicine</i> , 2021 ,	3.4	
2	Analgesia and Anesthesia to Enable Outpatient Spine Surgery 2019 , 619-628		
1	Response to Antihyperalgesia effect of AMP-activated protein kinase (AMPK) activators in a mouse model of postoperative pain <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 250-251	3.4	