

Chad M Brummett

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.

211
papers

9,681
citations

44
h-index

95
g-index

244
ext. papers

13,339
ext. citations

6.5
avg, IF

6.38
L-index

#	Paper	IF	Citations
211	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016 , 48, 1279-83	36.3	1447
210	New Persistent Opioid Use After Minor and Major Surgical Procedures in US Adults. <i>JAMA Surgery</i> , 2017 , 152, e170504	5.4	1002
209	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , 2018 , 50, 1505-1513	36.3	675
208	Trends and predictors of opioid use after total knee and total hip arthroplasty. <i>Pain</i> , 2016 , 157, 1259-1265	6.5	263
207	Biobank-driven genomic discovery yields new insight into atrial fibrillation biology. <i>Nature Genetics</i> , 2018 , 50, 1234-1239	36.3	254
206	Perineural administration of dexmedetomidine in combination with bupivacaine enhances sensory and motor blockade in sciatic nerve block without inducing neurotoxicity in rat. <i>Anesthesiology</i> , 2008 , 109, 502-11	4.3	218
205	Persistent Opioid Use Among Pediatric Patients After Surgery. <i>Pediatrics</i> , 2018 , 141,	7.4	213
204	New Persistent Opioid Use Among Patients With Cancer After Curative-Intent Surgery. <i>Journal of Clinical Oncology</i> , 2017 , 35, 4042-4049	2.2	210
203	Risk of Prolonged Opioid Use Among Opioid-Naïve Patients Following Common Hand Surgery Procedures. <i>Journal of Hand Surgery</i> , 2016 , 41, 947-957.e3	2.6	205
202	Perineural dexmedetomidine added to ropivacaine for sciatic nerve block in rats prolongs the duration of analgesia by blocking the hyperpolarization-activated cation current. <i>Anesthesiology</i> , 2011 , 115, 836-43	4.3	184
201	Reduction in Opioid Prescribing Through Evidence-Based Prescribing Guidelines. <i>JAMA Surgery</i> , 2018 , 153, 285-287	5.4	182
200	Perioperative peripheral nerve injuries: a retrospective study of 380,680 cases during a 10-year period at a single institution. <i>Anesthesiology</i> , 2009 , 111, 490-7	4.3	165
199	Association of Opioid Prescribing With Opioid Consumption After Surgery in Michigan. <i>JAMA Surgery</i> , 2019 , 154, e184234	5.4	164
198	Iatrogenic Opioid Dependence in the United States: Are Surgeons the Gatekeepers?. <i>Annals of Surgery</i> , 2017 , 265, 728-730	7.8	152
197	Facet joint pain--advances in patient selection and treatment. <i>Nature Reviews Rheumatology</i> , 2013 , 9, 101-16	8.1	149
196	Survey criteria for fibromyalgia independently predict increased postoperative opioid consumption after lower-extremity joint arthroplasty: a prospective, observational cohort study. <i>Anesthesiology</i> , 2013 , 119, 1434-43	4.3	131
195	Perineural dexmedetomidine added to ropivacaine causes a dose-dependent increase in the duration of thermal antinociception in sciatic nerve block in rat. <i>Anesthesiology</i> , 2009 , 111, 1111-9	4.3	129

194	Preoperative Opioid Use is Independently Associated With Increased Costs and Worse Outcomes After Major Abdominal Surgery. <i>Annals of Surgery</i> , 2017 , 265, 695-701	7.8	121
193	Dexmedetomidine added to ropivacaine extends the duration of interscalene brachial plexus blocks for elective shoulder surgery when compared with ropivacaine alone: a single-center, prospective, triple-blind, randomized controlled trial. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 37-47	3.4	112
192	Effect of Preoperative Opioid Exposure on Healthcare Utilization and Expenditures Following Elective Abdominal Surgery. <i>Annals of Surgery</i> , 2017 , 265, 715-721	7.8	105
191	Characteristics of fibromyalgia independently predict poorer long-term analgesic outcomes following total knee and hip arthroplasty. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1386-94	9.5	104
190	Additives to local anesthetics for peripheral nerve blockade. <i>International Anesthesiology Clinics</i> , 2011 , 49, 104-16	0.6	97
189	Prevalence of Preoperative Opioid Use and Characteristics Associated With Opioid Use Among Patients Presenting for Surgery. <i>JAMA Surgery</i> , 2018 , 153, 929-937	5.4	87
188	Opioid Prescribing Patterns, Patient Use, and Postoperative Pain After Hysterectomy for Benign Indications. <i>Obstetrics and Gynecology</i> , 2017 , 130, 1261-1268	4.9	86
187	Fibromyalgia survey criteria are associated with increased postoperative opioid consumption in women undergoing hysterectomy. <i>Anesthesiology</i> , 2015 , 122, 1103-11	4.3	86
186	Association of Polygenic Risk Scores for Multiple Cancers in a Phenome-wide Study: Results from The Michigan Genomics Initiative. <i>American Journal of Human Genetics</i> , 2018 , 102, 1048-1061	11	83
185	To Stop or Not, That Is the Question: Acute Pain Management for the Patient on Chronic Buprenorphine. <i>Anesthesiology</i> , 2017 , 126, 1180-1186	4.3	78
184	Persistent Opioid Use After Wisdom Tooth Extraction. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 504-506	27.4	77
183	Statewide Implementation of Postoperative Opioid Prescribing Guidelines. <i>New England Journal of Medicine</i> , 2019 , 381, 680-682	59.2	73
182	Perineural dexmedetomidine provides an increased duration of analgesia to a thermal stimulus when compared with a systemic control in a rat sciatic nerve block. <i>Regional Anesthesia and Pain Medicine</i> , 2010 , 35, 427-31	3.4	73
181	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. <i>Nature Communications</i> , 2018 , 9, 2252	17.4	71
180	Symptoms of Depression Are Associated With Opioid Use Regardless of Pain Severity and Physical Functioning Among Treatment-Seeking Patients With Chronic Pain. <i>Journal of Pain</i> , 2015 , 16, 844-51	5.2	70
179	Probability of Opioid Prescription Refilling After Surgery: Does Initial Prescription Dose Matter?. <i>Annals of Surgery</i> , 2018 , 268, 271-276	7.8	68
178	Prescription Opioid Use among Opioid-Naive Women Undergoing Immediate Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2017 , 140, 1081-1090	2.7	65
177	Reports of chronic pain in childhood and adolescence among patients at a tertiary care pain clinic. <i>Journal of Pain</i> , 2013 , 14, 1390-7	5.2	62

176	Postoperative Opioid Prescribing and the Pain Scores on Hospital Consumer Assessment of Healthcare Providers and Systems Survey. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 2013-2015	27.4	59
175	Genome-wide analysis yields new loci associating with aortic valve stenosis. <i>Nature Communications</i> , 2018 , 9, 987	17.4	56
174	Preliminary validation of the Michigan Body Map. <i>Pain</i> , 2016 , 157, 1205-1212	8	56
173	Genome-wide Study of Atrial Fibrillation Identifies Seven Risk Loci and Highlights Biological Pathways and Regulatory Elements Involved in Cardiac Development. <i>American Journal of Human Genetics</i> , 2018 , 102, 103-115	11	53
172	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. <i>Nature Communications</i> , 2017 , 8, 15481	17.4	52
171	The Association Between a History of Lifetime Traumatic Events and Pain Severity, Physical Function, and Affective Distress in Patients With Chronic Pain. <i>Journal of Pain</i> , 2016 , 17, 1334-1348	5.2	49
170	Evaluation of acute and chronic pain outcomes after robotic, video-assisted thoracoscopic surgery, or open anatomic pulmonary resection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 652-659.e1	15.1	47
169	Patient Satisfaction and Pain Control Using an Opioid-Sparing Postoperative Pathway. <i>Journal of the American College of Surgeons</i> , 2019 , 229, 316-322	4.4	46
168	Factors Associated With New Persistent Opioid Usage After Lung Resection. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 363-368	2.7	44
167	Risk of Prolonged Opioid Use Among Opioid-Naïve Patients After Common Shoulder Arthroscopy Procedures. <i>American Journal of Sports Medicine</i> , 2019 , 47, 1043-1050	6.8	42
166	Duloxetine and Subacute Pain after Knee Arthroplasty when Added to a Multimodal Analgesic Regimen: A Randomized, Placebo-controlled, Triple-blinded Trial. <i>Anesthesiology</i> , 2016 , 125, 561-72	4.3	41
165	Comparison of tissue distribution, phrenic nerve involvement, and epidural spread in standard- vs low-volume ultrasound-guided interscalene plexus block using contrast magnetic resonance imaging: a randomized, controlled trial. <i>British Journal of Anaesthesia</i> , 2016 , 116, 405-12	5.4	41
164	Prevalence of the fibromyalgia phenotype in patients with spine pain presenting to a tertiary care pain clinic and the potential treatment implications. <i>Arthritis and Rheumatism</i> , 2013 , 65, 3285-92		40
163	Persistent Opioid Use Among Children, Adolescents, and Young Adults After Common Cleft Operations. <i>Journal of Craniofacial Surgery</i> , 2018 , 29, 1697-1701	1.2	40
162	Genome-wide association meta-analyses combining multiple risk phenotypes provide insights into the genetic architecture of cutaneous melanoma susceptibility. <i>Nature Genetics</i> , 2020 , 52, 494-504	36.3	39
161	Opioid Prescribing Limits for Acute Pain: Potential Problems With Design and Implementation. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 643-644	27.4	36
160	Spillover Effect of Evidence-Based Postoperative Opioid Prescribing. <i>Journal of the American College of Surgeons</i> , 2018 , 227, 374-381	4.4	36
159	The Impact of Education and Prescribing Guidelines on Opioid Prescribing for Breast and Melanoma Procedures. <i>Annals of Surgical Oncology</i> , 2019 , 26, 17-24	3.1	36

158	Characteristics of chronic pain patients who take opioids and persistently report high pain intensity. <i>Regional Anesthesia and Pain Medicine</i> , 2014 , 39, 13-7	3.4	35
157	Cigarette smoking and pain: depressive symptoms mediate smoking-related pain symptoms. <i>Pain</i> , 2012 , 153, 1749-1754	8	35
156	Impact of Prescribing on New Persistent Opioid Use After Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1107-1113	2.7	33
155	Peripheral nerve blocks in shoulder arthroplasty: how do they influence complications and length of stay?. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 1482-8	2.2	32
154	Patterns of Initial Opioid Prescribing to Opioid-Naive Patients. <i>Annals of Surgery</i> , 2020 , 271, 290-295	7.8	32
153	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
152	Association Between Long-term Opioid Use in Family Members and Persistent Opioid Use After Surgery Among Adolescents and Young Adults. <i>JAMA Surgery</i> , 2019 , 154, e185838	5.4	31
151	Buprenorphine disrupts sleep and decreases adenosine concentrations in sleep-regulating brain regions of Sprague Dawley rat. <i>Anesthesiology</i> , 2011 , 115, 743-53	4.3	31
150	A Conceptual Framework for Understanding Unintended Prolonged Opioid Use. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 1822-1830	6.4	30
149	Associations Between Pain, Current Tobacco Smoking, Depression, and Fibromyalgia Status Among Treatment-Seeking Chronic Pain Patients. <i>Pain Medicine</i> , 2015 , 16, 1433-42	2.8	30
148	Medial Branch Blocks or Intra-Articular Injections as a Prognostic Tool Before Lumbar Facet Radiofrequency Denervation: A Multicenter, Case-Control Study. <i>Regional Anesthesia and Pain Medicine</i> , 2015 , 40, 376-83	3.4	29
147	Association of Opioid Prescribing Patterns With Prescription Opioid Overdose in Adolescents and Young Adults. <i>JAMA Pediatrics</i> , 2020 , 174, 141-148	8.3	29
146	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
145	Clinical Implications of Identifying Pathogenic Variants in Individuals With Thoracic Aortic Dissection. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002476	5.2	27
144	Association of State Opioid Duration Limits With Postoperative Opioid Prescribing. <i>JAMA Network Open</i> , 2019 , 2, e1918361	10.4	27
143	Association Between the 2011 Fibromyalgia Survey Criteria and Multisite Pain Sensitivity in Knee Osteoarthritis. <i>Clinical Journal of Pain</i> , 2018 , 34, 909-917	3.5	25
142	Longitudinal assessment of pain outcomes in the clinical setting: development of the "APOLO" electronic data capture system. <i>Regional Anesthesia and Pain Medicine</i> , 2012 , 37, 398-402	3.4	25
141	Effect of an Activated Charcoal Bag on Disposal of Unused Opioids After an Outpatient Surgical Procedure: A Randomized Clinical Trial. <i>JAMA Surgery</i> , 2019 , 154, 558-561	5.4	24

140	Disappointing Early Results From Opioid Prescribing Limits for Acute Pain. <i>JAMA Surgery</i> , 2020 , 155, 375-376	5.4	24
139	Changes in Anxiety and Depression Are Mediated by Changes in Pain Severity in Patients Undergoing Lower-Extremity Total Joint Arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , 2018 , 43, 14-18	3.4	24
138	Safety and efficiency of dexmedetomidine as adjuvant to local anesthetics. <i>Current Opinion in Anaesthesiology</i> , 2016 , 29, 632-7	2.9	24
137	Transitions of Care for Postoperative Opioid Prescribing in Previously Opioid-Naïve Patients in the USA: a Retrospective Review. <i>Journal of General Internal Medicine</i> , 2018 , 33, 1685-1691	4	24
136	Persistent Opioid Use and High-Risk Prescribing in Body Contouring Patients. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 87-96	2.7	24
135	Patient Factors Associated With Opioid Consumption in the Month Following Major Surgery. <i>Annals of Surgery</i> , 2021 , 273, 507-515	7.8	24
134	Association of Perioperative Opioid Prescriptions With Risk of Complications After Tonsillectomy in Children. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019 , 145, 911-918	3.9	23
133	Sex-specific and pleiotropic effects underlying kidney function identified from GWAS meta-analysis. <i>Nature Communications</i> , 2019 , 10, 1847	17.4	22
132	Association of Hydrocodone Schedule Change With Opioid Prescriptions Following Surgery. <i>JAMA Surgery</i> , 2018 , 153, 1111-1119	5.4	22
131	Chromosome 1q21.2 and additional loci influence risk of spontaneous coronary artery dissection and myocardial infarction. <i>Nature Communications</i> , 2020 , 11, 4432	17.4	22
130	New persistent opioid use among older patients following surgery: A Medicare claims analysis. <i>Surgery</i> , 2020 , 167, 732-742	3.6	22
129	GWAS of thyroid stimulating hormone highlights pleiotropic effects and inverse association with thyroid cancer. <i>Nature Communications</i> , 2020 , 11, 3981	17.4	21
128	Dexmedetomidine: as safe as safe can be. <i>Seminars in Anesthesia</i> , 2006 , 25, 77-83		20
127	Moderate Alcohol Consumption Is Associated with Reduced Pain and Fibromyalgia Symptoms in Chronic Pain Patients. <i>Pain Medicine</i> , 2018 , 19, 2515-2527	2.8	19
126	Provider Characteristics Associated With Outpatient Opioid Prescribing After Surgery. <i>Annals of Surgery</i> , 2020 , 271, 680-685	7.8	19
125	New Persistent Opioid Use and Associated Risk Factors Following Treatment of Ankle Fractures. <i>Foot and Ankle International</i> , 2019 , 40, 1043-1051	3.3	18
124	Exploring various polygenic risk scores for skin cancer in the phenomes of the Michigan genomics initiative and the UK Biobank with a visual catalog: PRSWeb. <i>PLoS Genetics</i> , 2019 , 15, e1008202	6	18
123	Pressure Pain Sensitivity in Patients With Suspected Opioid-Induced Hyperalgesia. <i>Regional Anesthesia and Pain Medicine</i> , 2015 , 40, 687-93	3.4	18

122	Fine-mapping of an expanded set of type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps		18
121	A Pathway for Developing Postoperative Opioid Prescribing Best Practices. <i>Annals of Surgery</i> , 2020 , 271, 86-93	7.8	18
120	Dexmedetomidine as a novel therapeutic for postoperative pain in a patient treated with buprenorphine. <i>Journal of Opioid Management</i> , 2009 , 5, 175-9	0.8	17
119	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 6417	17.4	17
118	Effects of Shared Decision Making on Opioid Prescribing After Hysterectomy. <i>Obstetrics and Gynecology</i> , 2019 , 134, 823-833	4.9	17
117	Patient perspectives of patient-controlled analgesia (PCA) and methods for improving pain control and patient satisfaction. <i>Regional Anesthesia and Pain Medicine</i> , 2013 , 38, 326-33	3.4	16
116	Objective Measures to Characterize the Physiological Effects of Spinal Cord Stimulation in Neuropathic Pain: A Literature Review. <i>Neuromodulation</i> , 2019 , 22, 127-148	3.1	16
115	A prospective, observational study of the relationship between body mass index and depth of the epidural space during lumbar transforaminal epidural steroid injection. <i>Regional Anesthesia and Pain Medicine</i> , 2009 , 34, 100-5	3.4	15
114	The emerging landscape of health research based on biobanks linked to electronic health records: Existing resources, statistical challenges, and potential opportunities. <i>Statistics in Medicine</i> , 2020 , 39, 773-800	2.3	15
113	The Development and Validation of a Quality Assessment and Rating of Technique for Injections of the Spine (AQUARIUS). <i>Regional Anesthesia and Pain Medicine</i> , 2016 , 41, 80-5	3.4	15
112	Fibromyalgia: a primer for the anesthesia community. <i>Current Opinion in Anaesthesiology</i> , 2011 , 24, 532-9	2.9	14
111	Prescribing and Consumption of Opioids After Primary, Unilateral Total Hip and Knee Arthroplasty in Opioid-Naive Patients. <i>Journal of Arthroplasty</i> , 2020 , 35, 960-965.e1	4.4	14
110	Health Care Spending and New Persistent Opioid Use After Surgery. <i>Annals of Surgery</i> , 2020 , 272, 99-104	7.8	14
109	Opioid cessation and chronic pain: perspectives of former opioid users. <i>Pain</i> , 2019 , 160, 1131-1145	8	14
108	Health Care Burden Associated with Outpatient Opioid Use Following Inpatient or Outpatient Surgery. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2019 , 25, 973-983	1.9	13
107	New Persistent Opioid Use Following Common Forefoot Procedures for the Treatment of Hallux Valgus. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, 722-729	5.6	12
106	Association of Opioid Use With Pain and Satisfaction After Dental Extraction. <i>JAMA Network Open</i> , 2020 , 3, e200901	10.4	11
105	Opioid Prescribing for Low Back Pain: What Is the Role of Payers?. <i>JAMA Network Open</i> , 2018 , 1, e180236	6.4	11

104	A Novel Recurrent Genetic Variant Is Associated With a Dysplasia-Associated Arterial Disease Exhibiting Dissections and Fibromuscular Dysplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2686-2699	9.4	11
103	Caffeine as an opioid analgesic adjuvant in fibromyalgia. <i>Journal of Pain Research</i> , 2017 , 10, 1801-1809	2.9	10
102	Discrepancies Between Perceived Benefit of Opioids and Self-Reported Patient Outcomes. <i>Pain Medicine</i> , 2018 , 19, 297-306	2.8	10
101	Aberrant analgesic response to medial branch blocks in patients with characteristics of fibromyalgia. <i>Regional Anesthesia and Pain Medicine</i> , 2015 , 40, 249-54	3.4	10
100	Pregabalin as a treatment for painful diabetic peripheral neuropathy: a meta-analysis. <i>Regional Anesthesia and Pain Medicine</i> , 2008 , 33, 389-94	3.4	10
99	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10
98	Affect and Low Back Pain: More to Consider Than the Influence of Negative Affect Alone. <i>Clinical Journal of Pain</i> , 2016 , 32, 907-14	3.5	10
97	Rate of Opioid Prescriptions for Patients With Acute Ankle Sprain. <i>Annals of Internal Medicine</i> , 2019 , 171, 441-443	8	10
96	Optimizing Postoperative Opioid Prescribing Through Quality-Based Reimbursement. <i>JAMA Network Open</i> , 2019 , 2, e1911619	10.4	10
95	A statewide comparison of opioid prescribing in teaching versus nonteaching hospitals. <i>Surgery</i> , 2019 , 165, 825-831	3.6	10
94	Top down or bottom up? An observational investigation of improvement in fibromyalgia symptoms following hip and knee replacement. <i>Rheumatology</i> , 2020 , 59, 594-602	3.9	10
93	Factors associated with hospital admission after rotator cuff repair: the role of peripheral nerve blockade. <i>Journal of Clinical Anesthesia</i> , 2015 , 27, 566-73	1.9	9
92	Classifying Preoperative Opioid Use for Surgical Care. <i>Annals of Surgery</i> , 2020 , 271, 1080-1086	7.8	9
91	Association of Opioid Overdose Risk Factors and Naloxone Prescribing in US Adults. <i>Journal of General Internal Medicine</i> , 2020 , 35, 420-427	4	9
90	Anchoring to Zero Exposure: Opioid-free Minimally Invasive Surgery. <i>Annals of Surgery</i> , 2020 , 271, 37-38	7.8	9
89	The Fibromyalgia Survey Score Correlates With Preoperative Pain Phenotypes But Does Not Predict Pain Outcomes After Shoulder Arthroscopy. <i>Clinical Journal of Pain</i> , 2016 , 32, 689-94	3.5	9
88	The association between incentive spirometry performance and pain in postoperative thoracic epidural analgesia. <i>Regional Anesthesia and Pain Medicine</i> , 2015 , 40, 232-8	3.4	8
87	New persistent opioid use after acute opioid prescribing in pregnancy: a nationwide analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 566.e1-566.e13	6.4	8

86	Meta-MultiSKAT: Multiple phenotype meta-analysis for region-based association test. <i>Genetic Epidemiology</i> , 2019 , 43, 800-814	2.6	7
85	Assessment of Prescriber and Pharmacy Shopping Among the Family Members of Patients Prescribed Opioids. <i>JAMA Network Open</i> , 2019 , 2, e193673	10.4	7
84	Influence of Abuse History on Concurrent Benzodiazepine and Opioid Use in Chronic Pain Patients. <i>Journal of Pain</i> , 2019 , 20, 473-480	5.2	7
83	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7
82	The use of alpha-2 agonists in peripheral nerve blocks: a review of the history of clonidine and a look at a possible future for dexmedetomidine. <i>Seminars in Anesthesia</i> , 2006 , 25, 84-92		6
81	LabWAS: Novel findings and study design recommendations from a meta-analysis of clinical labs in two independent biobanks. <i>PLoS Genetics</i> , 2020 , 16, e1009077	6	6
80	Preoperative Opioid Use and Readmissions Following Surgery. <i>Annals of Surgery</i> , 2020 , 275,	7.8	6
79	The effect of bench model fidelity on fluoroscopy-guided transforaminal epidural injection training: a randomized control study. <i>Regional Anesthesia and Pain Medicine</i> , 2013 , 38, 155-60	3.4	5
78	Prescription Opioid Use in Patients With and Without Systemic Lupus Erythematosus - Michigan Lupus Epidemiology and Surveillance Program, 2014-2015. <i>Morbidity and Mortality Weekly Report</i> , 2019 , 68, 819-824	31.7	5
77	Naloxone and Buprenorphine Prescribing Following US Emergency Department Visits for Suspected Opioid Overdose: August 2019 to April 2021. <i>Annals of Emergency Medicine</i> , 2021 ,	2.1	5
76	Heritability of the Fibromyalgia Phenotype Varies by Age. <i>Arthritis and Rheumatology</i> , 2020 , 72, 815-823	9.5	5
75	Opioid prescribing patterns by dental procedure among US publicly and privately insured patients, 2013 through 2018. <i>Journal of the American Dental Association</i> , 2021 , 152, 309-317	1.9	5
74	Association Between Receipt of Overlapping Opioid and Benzodiazepine Prescriptions From Multiple Prescribers and Overdose Risk. <i>JAMA Network Open</i> , 2021 , 4, e2120353	10.4	5
73	Use of a Polygenic Risk Score Improves Prediction of Myocardial Injury After Non-Cardiac Surgery. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002817	5.2	4
72	Centralized pain and pain catastrophizing mediate the association between lifetime abuse history and self-reported pain medication side effects. <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 293-300	3.4	4
71	Thermal hyperalgesia after sciatic nerve block in rat is transient and clinically insignificant. <i>Regional Anesthesia and Pain Medicine</i> , 2013 , 38, 151-4	3.4	4
70	Chronic pain following breast surgery. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2011 , 15, 124-132		4
69	Genome-wide association study of 1 million people identifies 111 loci for atrial fibrillation		4

68	Care Coordination for Patients on Chronic Opioid Therapy Following Surgery: A Cohort Study. <i>Annals of Surgery</i> , 2020 , 272, 304-310	7.8	4
67	Higher Amounts of Opioids Filled After Surgery Increase Risk of Serious Falls and Fall-Related Injuries Among Older Adults. <i>Journal of General Internal Medicine</i> , 2020 , 35, 2917-2924	4	4
66	Dental Opioid Prescriptions and Overdose Risk in Patients and Their Families. <i>American Journal of Preventive Medicine</i> , 2021 , 61, 165-173	6.1	4
65	Multicenter Perioperative Outcomes Group Enhanced Observation Study Postoperative Pain Profiles, Analgesic Use, and Transition to Chronic Pain and Excessive and Prolonged Opioid Use Patterns Methodology. <i>Anesthesia and Analgesia</i> , 2020 , 130, 1702-1708	3.9	3
64	Phenotypic features of patients with complex regional pain syndrome compared with those with neuropathic pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3.4	3
63	Postoperative opioid prescribing is not my job: A qualitative analysis of care transitions. <i>Surgery</i> , 2019 , 166, 744-751	3.6	3
62	Estimation of DNA contamination and its sources in genotyped samples. <i>Genetic Epidemiology</i> , 2019 , 43, 980-995	2.6	3
61	Facet syndrome: facet joint injections, medial branch blocks, and radiofrequency denervation 2011 , 322-329		3
60	Genetic investigation of fibromuscular dysplasia identifies risk loci and shared genetics with common cardiovascular diseases. <i>Nature Communications</i> , 2021 , 12, 6031	17.4	3
59	The Association Between Preoperative Opioid Exposure and Prolonged Postoperative Use. <i>Annals of Surgery</i> , 2021 , 274, e410-e416	7.8	3
58	Opioid Fills for Lumbar Facet Radiofrequency Ablation Associated with New Persistent Opioid Use. <i>Anesthesiology</i> , 2020 , 132, 1165-1174	4.3	3
57	Prevalence and Patterns of Opioid Use Before and After Liver Transplantation. <i>Transplantation</i> , 2021 , 105, 100-107	1.8	3
56	Surgeon experience and opioid prescribing. <i>American Journal of Surgery</i> , 2020 , 220, 823-827	2.7	3
55	Sense of Purpose in Life and Likelihood of Future Illicit Drug Use or Prescription Medication Misuse. <i>Psychosomatic Medicine</i> , 2020 , 82, 715-721	3.7	3
54	Association between insurance cost-sharing subsidy and postoperative opioid prescription refills among Medicare patients. <i>Surgery</i> , 2020 , 168, 244-252	3.6	3
53	Persistent Opioid Use Associated With Dental Opioid Prescriptions Among Publicly and Privately Insured US Patients, 2014 to 2018. <i>JAMA Network Open</i> , 2021 , 4, e216464	10.4	3
52	Assessment of a quality improvement intervention to decrease opioid prescribing in a regional health system. <i>BMJ Quality and Safety</i> , 2021 , 30, 251-259	5.4	3
51	Predicting postoperative opioid use with machine learning and insurance claims in opioid-naïve patients. <i>American Journal of Surgery</i> , 2021 , 222, 659-665	2.7	3

50	Medial branch radiofrequency ablation outcomes in patients with centralized pain. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3.4	2
49	Inappropriate Preoperative Gabapentinoid Use Among Patients With Carpal Tunnel Syndrome. <i>Journal of Hand Surgery</i> , 2020 , 45, 677-689.e5	2.6	2
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47	Perioperative cannabis use: a longitudinal study of associated clinical characteristics and surgical outcomes. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 137-144	3.4	2
46	Preoperative Opioid Use and Mortality After Minor Outpatient Surgery. <i>JAMA Surgery</i> , 2020 , 155, 1169-1171	3.7	2
45	Efficacy of perineural versus intravenous dexmedetomidine as a peripheral nerve block adjunct: a systematic review. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 704-712	3.4	2
44	Increased health care costs associated with new persistent opioid use after major surgery in opioid-naïve patients. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2021 , 27, 760-771	1.9	2
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38	Establishment and Implementation of Evidence-Based Opioid Prescribing Guidelines in Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1176-1185	2.7	2
37	Respecting Autonomy And Enabling Diversity: The Effect Of Eligibility And Enrollment On Research Data Demographics. <i>Health Affairs</i> , 2021 , 40, 1892-1899	0	2
36	Association of caregiver-reported education with locked storage and disposal of prescription opioids after children's surgery. <i>Journal of Pediatric Surgery</i> , 2020 , 55, 2442-2447	2.6	1
35	Pathogenesis, Diagnosis, and Treatment of Zygapophyseal (Facet) Joint Pain 2014 , 816-845.e7		1
34	Central pain states 2011 , 370-377		1
33	Piloting a Statewide Emergency Department Take-Home Naloxone Program: Improving the Quality of Care for Patients at Risk of Opioid Overdose.. <i>Academic Emergency Medicine</i> , 2021 ,	3.4	1

32	Trends in the number of patients linked to potential vet-shopping behavior in the United States (2014-2019).. <i>American Journal of Veterinary Research</i> , 2021 , 1-6	1.1	1
31	Self-reported disposal of leftover opioids among US adults 50-80. <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 949-954	3.4	1
30	Pressure sensitivity and phenotypic changes in patients with suspected opioid-induced hyperalgesia being withdrawn from full mu agonists. <i>Journal of Nature and Science</i> , 2017 , 3,		1
29	Exploring Various Polygenic Risk Scores for Skin Cancer in the Phenomes of the Michigan Genomics Initiative and the UK Biobank with a Visual Catalog:PRSWeb		1
28	Increased opioid prescription fills after dental procedures performed before weekends and holidays. <i>Journal of the American Dental Association</i> , 2020 , 151, 388-398.e1	1.9	1
27	LabWAS: novel findings and study design recommendations from a meta-analysis of clinical labs in two independent biobanks		1
26	Initial validation of the electronic form of the Michigan Body Map. <i>Regional Anesthesia and Pain Medicine</i> , 2019 ,	3.4	1
25	Relationship between initial opioid prescription size and likelihood of refill after spine surgery. <i>Spine Journal</i> , 2021 , 21, 772-778	4	1
24	Response to Comment on "Consider Culture, Provider Characteristics Associated With Outpatient Opioid Prescribing After Surgery". <i>Annals of Surgery</i> , 2019 , 270, e93-e94	7.8	1
23	Errors in Analysis in Study of New Persistent Opioid Use After Surgery. <i>JAMA Surgery</i> , 2019 , 154, 268-269	3.4	1
22	A national evaluation of opioid prescribing and persistent use after ambulatory anorectal surgery. <i>Surgery</i> , 2021 , 169, 759-766	3.6	1
21	Quantitative Sensory Testing of Spinal Cord and Dorsal Root Ganglion Stimulation in Chronic Pain Patients. <i>Neuromodulation</i> , 2021 , 24, 672-684	3.1	1
20	Third Molar Extraction and Persistent Use of Opioids-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2377-2378	27.4	1
19	Opioid-Free Discharge is Not Associated With Increased Unplanned Healthcare Encounters After Ureteroscopy: Results From a Statewide Quality Improvement Collaborative. <i>Urology</i> , 2021 ,	1.6	1
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16	Opioid prescribing exceeds consumption following common surgical oncology procedures. <i>Journal of Surgical Oncology</i> , 2021 , 123, 352-356	2.8	0
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