

# Krishnan V Chakravarthy

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,091  
citations

430442

18  
h-index

433756

31  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1106  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Clinical Feasibility Study of Spinal Evoked Compound Action Potential Estimation Methods. <i>Neuromodulation</i> , 2022, 25, 75-84.	0.4	15
2	Reducing opioid usage in total knee arthroplasty: Postoperative pain management: a literature review and future directions. <i>Pain Management</i> , 2022, 12, 105-116.	0.7	2
3	Response to the Letter to the Editor Regarding: "A Clinical Feasibility Study of Spinal Evoked Compound Action Potential Estimation Methods" <i>Neuromodulation</i> , 2022, 25, 157-158.	0.4	0
4	Recommendations for anesthetic management for intraoperative neuromodulation cases. <i>Pain Management</i> , 2022, 12, 557-567.	0.7	0
5	Novel Intermittent Dosing Burst Paradigm in Spinal Cord Stimulation. <i>Neuromodulation</i> , 2021, 24, 566-573.	0.4	28
6	Composite Score Is a Better Reflection of Patient Response to Chronic Pain Therapy Compared With Pain Intensity Alone. <i>Neuromodulation</i> , 2021, 24, 68-75.	0.4	35
7	Combinatorial microneedle patch with tunable release kinetics and dual fast-deep/sustained release capabilities. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2189-2199.	2.9	9
8	Advances in the interventional management of neuropathic pain. <i>Annals of Translational Medicine</i> , 2021, 9, 187-187.	0.7	14
9	Nanomedicine for COVID-19: the role of nanotechnology in the treatment and diagnosis of COVID-19. <i>Emergent Materials</i> , 2021, 4, 75-99.	3.2	81
10	Review of the Current State of Urine Drug Testing in Chronic Pain: Still Effective as a Clinical Tool and Curbing Abuse, or an Arcane Test?. <i>Current Pain and Headache Reports</i> , 2021, 25, 12.	1.3	6
11	The American Society of Pain and Neuroscience (ASPN) Practical Guidelines to Study Design and Scientific Manuscript Preparation in Neuromodulation. <i>Journal of Pain Research</i> , 2021, Volume 14, 1027-1041.	0.8	1
12	A review of the StimRouter® peripheral neuromodulation system for chronic pain management. <i>Pain Management</i> , 2021, 11, 227-236.	0.7	11
13	Modulation of Glia-Mediated Processes by Spinal Cord Stimulation in Animal Models of Neuropathic Pain. <i>Frontiers in Pain Research</i> , 2021, 2, 702906.	0.9	8
14	The Evoked Compound Action Potential as a Predictor for Perception in Chronic Pain Patients: Tools for Automatic Spinal Cord Stimulator Programming and Control. <i>Frontiers in Neuroscience</i> , 2021, 15, 673998.	1.4	17
15	Interventional Spine and Pain Procedure Credentialing: Guidelines from the American Society of Pain & Neuroscience. <i>Journal of Pain Research</i> , 2021, Volume 14, 2777-2791.	0.8	5
16	A Call to Action Toward Optimizing the Electrical Dose Received by Neural Targets in Spinal Cord Stimulation Therapy for Neuropathic Pain. <i>Journal of Pain Research</i> , 2021, Volume 14, 2767-2776.	0.8	5
17	Review of complex regional pain syndrome and the role of the neuroimmune axis. <i>Molecular Pain</i> , 2021, 17, 174480692110066.	1.0	8
18	Peripheral Nerve Stimulation in Pain Management: A Systematic Review. <i>Pain Physician</i> , 2021, 24, E131-E152.	0.3	9

#	ARTICLE	IF	CITATIONS
19	A New Direction for Closed-Loop Spinal Cord Stimulation: Combining Contemporary Therapy Paradigms with Evoked Compound Action Potential Sensing. <i>Journal of Pain Research</i> , 2021, Volume 14, 3909-3918.	0.8	10
20	A Review of Clinical Data on Salvage Therapy in Spinal Cord Stimulation. <i>Neuromodulation</i> , 2020, 23, 562-571.	0.4	24
21	Single arm prospective multicenter case series on the use of burst stimulation to improve pain and motor symptoms in Parkinson's disease. <i>Bioelectronic Medicine</i> , 2020, 6, 18.	1.0	11
22	Emergence From the COVID-19 Pandemic and the Care of Chronic Pain: Guidance for the Interventionalist. <i>Anesthesia and Analgesia</i> , 2020, 131, 387-394.	1.1	37
23	A Comprehensive Practice Guideline for Magnetic Resonance Imaging Compatibility in Implanted Neuromodulation Devices. <i>Neuromodulation</i> , 2020, 23, 893-911.	0.4	28
24	Sensing Evoked Compound Action Potentials from the Spinal Cord: Novel Preclinical and Clinical Considerations for the Pain Management Researcher and Clinician. <i>Journal of Pain Research</i> , 2020, Volume 13, 3269-3279.	0.8	17
25	Efficacy of Serology Testing in Predicting Reinfection in Patients With SARS-CoV-2. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, , 1-3.	0.7	27
26	Cybersecurity Risks in a Pandemic. <i>Journal of Medical Internet Research</i> , 2020, 22, e23692.	2.1	69
27	Leptin and Associated Mediators of Immunometabolic Signaling: Novel Molecular Outcome Measures for Neurostimulation to Treat Chronic Pain. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4737.	1.8	10
28	A revised psychosocial assessment model for implantable pain devices to improve their evidence basis and consensus with updated pain management guidelines. <i>Pain Management</i> , 2019, 9, 139-149.	0.7	9
29	Neurostimulation for Intractable Chronic Pain. <i>Brain Sciences</i> , 2019, 9, 23.	1.1	59
30	Unilateral L4-dorsal root ganglion stimulation evokes pain relief in chronic neuropathic postsurgical knee pain and changes of inflammatory markers: part II whole transcriptome profiling. <i>Journal of Translational Medicine</i> , 2019, 17, 205.	1.8	22
31	Burst Spinal Cord Stimulation: A Systematic Review and Pooled Analysis of Real-World Evidence and Outcomes Data. <i>Pain Medicine</i> , 2019, 20, S47-S57.	0.9	37
32	Mechanism of Action in Burst Spinal Cord Stimulation: Review and Recent Advances. <i>Pain Medicine</i> , 2019, 20, S13-S22.	0.9	60
33	Saliva molecular inflammatory profiling in female migraine patients responsive to adjunctive cervical non-invasive vagus nerve stimulation: the MOXY Study. <i>Journal of Translational Medicine</i> , 2019, 17, 53.	1.8	13
34	Selective L4 Dorsal Root Ganglion Stimulation Evokes Pain Relief and Changes of Inflammatory Markers: Part I Profiling of Saliva and Serum Molecular Patterns. <i>Neuromodulation</i> , 2019, 22, 44-52.	0.4	27
35	A Review of Spinal and Peripheral Neuromodulation and Neuroinflammation: Lessons Learned Thus Far and Future Prospects of Biotype Development. <i>Neuromodulation</i> , 2019, 22, 235-243.	0.4	30
36	The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation. <i>Neuromodulation</i> , 2019, 22, 1-35.	0.4	108

#	ARTICLE	IF	CITATIONS
37	Burst Spinal Cord Stimulation: Review of Preclinical Studies and Comments on Clinical Outcomes. <i>Neuromodulation</i> , 2018, 21, 431-439.	0.4	37
38	Spinal Cord Stimulation for Treating Chronic Pain: Reviewing Preclinical and Clinical Data on Paresthesia-Free High-Frequency Therapy. <i>Neuromodulation</i> , 2018, 21, 10-18.	0.4	85
39	Anesthetic Management of Pheochromocytoma Resection in Adults with Single Ventricle Physiology. <i>Cureus</i> , 2017, 9, e1928.	0.2	2
40	Review of Recent Advances in Peripheral Nerve Stimulation (PNS). <i>Current Pain and Headache Reports</i> , 2016, 20, 60.	1.3	113