

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	Review of Recent Advances in Peripheral Nerve Stimulation (PNS). Current Pain and Headache Reports, 2016, 20, 60.	1.3	113
2	The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation. Neuromodulation, 2019, 22, 1-35.	0.4	108
3	Spinal Cord Stimulation for Treating Chronic Pain: Reviewing Preclinical and Clinical Data on Paresthesia-Free High-Frequency Therapy. Neuromodulation, 2018, 21, 10-18.	0.4	85
4	Nanomedicine for COVID-19: the role of nanotechnology in the treatment and diagnosis of COVID-19. Emergent Materials, 2021, 4, 75-99.	3.2	81
5	Cybersecurity Risks in a Pandemic. Journal of Medical Internet Research, 2020, 22, e23692.	2.1	69
6	Mechanism of Action in Burst Spinal Cord Stimulation: Review and Recent Advances. Pain Medicine, 2019, 20, S13-S22.	0.9	60
7	Neurostimulation for Intractable Chronic Pain. Brain Sciences, 2019, 9, 23.	1.1	59
8	Burst Spinal Cord Stimulation: Review of Preclinical Studies and Comments on Clinical Outcomes. Neuromodulation, 2018, 21, 431-439.	0.4	37
9	Burst Spinal Cord Stimulation: A Systematic Review and Pooled Analysis of Real-World Evidence and Outcomes Data. Pain Medicine, 2019, 20, S47-S57.	0.9	37
10	Emergence From the COVID-19 Pandemic and the Care of Chronic Pain: Guidance for the Interventionalist. Anesthesia and Analgesia, 2020, 131, 387-394.	1.1	37
11	Composite Score Is a Better Reflection of Patient Response to Chronic Pain Therapy Compared With Pain Intensity Alone. Neuromodulation, 2021, 24, 68-75.	0.4	35
12	A Review of Spinal and Peripheral Neuromodulation and Neuroinflammation: Lessons Learned Thus Far and Future Prospects of Biotype Development. Neuromodulation, 2019, 22, 235-243.	0.4	30
13	A Comprehensive Practice Guideline for Magnetic Resonance Imaging Compatibility in Implanted Neuromodulation Devices. Neuromodulation, 2020, 23, 893-911.	0.4	28
14	Novel Intermittent Dosing Burst Paradigm in Spinal Cord Stimulation. Neuromodulation, 2021, 24, 566-573.	0.4	28
15	Selective L4 Dorsal Root Ganglion Stimulation Evokes Pain Relief and Changes of Inflammatory Markers: Part I Profiling of Saliva and Serum Molecular Patterns. Neuromodulation, 2019, 22, 44-52.	0.4	27
16	Efficacy of Serology Testing in Predicting Reinfection in Patients With SARS-CoV-2. Disaster Medicine and Public Health Preparedness, 2020, , 1-3.	0.7	27
17	A Review of Clinical Data on Salvage Therapy in Spinal Cord Stimulation. Neuromodulation, 2020, 23, 562-571.	0.4	24
18	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. Journal of Translational Medicine, 2019, 17, 205.	1.8	22

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19	<p>Sensing Evoked Compound Action Potentials from the Spinal Cord: Novel Preclinical and Clinical Considerations for the Pain Management Researcher and Clinician</p>. Journal of Pain Research, 2020, Volume 13, 3269-3279.	0.8	17
20	The Evoked Compound Action Potential as a Predictor for Perception in Chronic Pain Patients: Tools for Automatic Spinal Cord Stimulator Programming and Control. Frontiers in Neuroscience, 2021, 15, 673998.	1.4	17
21	A Clinical Feasibility Study of Spinal Evoked Compound Action Potential Estimation Methods. Neuromodulation, 2022, 25, 75-84.	0.4	15
22	Advances in the interventional management of neuropathic pain. Annals of Translational Medicine, 2021, 9, 187-187.	0.7	14
23	Saliva molecular inflammatory profiling in female migraine patients responsive to adjunctive cervical non-invasive vagus nerve stimulation: the MOXY Study. Journal of Translational Medicine, 2019, 17, 53.	1.8	13
24	Single arm prospective multicenter case series on the use of burst stimulation to improve pain and motor symptoms in Parkinsonâ€™s disease. Bioelectronic Medicine, 2020, 6, 18.	1.0	11
25	A review of the StimRouterÂ® peripheral neuromodulation system for chronic pain management. Pain Management, 2021, 11, 227-236.	0.7	11
26	Leptin and Associated Mediators of Immunometabolic Signaling: Novel Molecular Outcome Measures for Neurostimulation to Treat Chronic Pain. International Journal of Molecular Sciences, 2019, 20, 4737.	1.8	10
27	A New Direction for Closed-Loop Spinal Cord Stimulation: Combining Contemporary Therapy Paradigms with Evoked Compound Action Potential Sensing. Journal of Pain Research, 2021, Volume 14, 3909-3918.	0.8	10
28	A revised psychosocial assessment model for implantable pain devices to improve their evidence basis and consensus with updated pain management guidelines. Pain Management, 2019, 9, 139-149.	0.7	9
29	Combinatorial microneedle patch with tunable release kinetics and dual fast-deep/sustained release capabilities. Journal of Materials Chemistry B, 2021, 9, 2189-2199.	2.9	9
30	Peripheral Nerve Stimulation in Pain Management: A Systematic Review. Pain Physician, 2021, 24, E131-E152.	0.3	9
31	Modulation of Glia-Mediated Processes by Spinal Cord Stimulation in Animal Models of Neuropathic Pain. Frontiers in Pain Research, 2021, 2, 702906.	0.9	8
32	Review of complex regional pain syndrome and the role of the neuroimmune axis. Molecular Pain, 2021, 17, 174480692110066.	1.0	8
33	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?. Current Pain and Headache Reports, 2021, 25, 12.	1.3	6
34	Interventional Spine and Pain Procedure Credentialing: Guidelines from the American Society of Pain & Neuroscience. Journal of Pain Research, 2021, Volume 14, 2777-2791.	0.8	5
35	A Call to Action Toward Optimizing the Electrical Dose Received by Neural Targets in Spinal Cord Stimulation Therapy for Neuropathic Pain. Journal of Pain Research, 2021, Volume 14, 2767-2776.	0.8	5
36	Reducing opioid usage in total knee arthroplastyâ€™postoperative pain management: a literature review and future directions. Pain Management, 2022, 12, 105-116.	0.7	2

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37	Anesthetic Management of Pheochromocytoma Resection in Adults with Single Ventricle Physiology. Cureus, 2017, 9, e1928.	0.2	2
38	The American Society of Pain and Neuroscience (ASPN) Practical Guidelines to Study Design and Scientific Manuscript Preparation in Neuromodulation. Journal of Pain Research, 2021, Volume 14, 1027-1041.	0.8	1
39	Response to the Letter to the Editor Regarding: "A Clinical Feasibility Study of Spinal Evoked Compound Action Potential Estimation Methods" Neuromodulation, 2022, 25, 157-158.	0.4	0
40	Recommendations for anesthetic management for intraoperative neuromodulation cases. Pain Management, 2022, 12, 557-567.	0.7	0