

# Ricardo Vallejo

## List of Publications by Citations

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36  
papers

2,051  
citations

17  
h-index

37  
g-index

37  
ext. papers

2,424  
ext. citations

2.7  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
36	Novel 10-kHz High-frequency Therapy (HF10 Therapy) Is Superior to Traditional Low-frequency Spinal Cord Stimulation for the Treatment of Chronic Back and Leg Pain: The SENZA-RCT Randomized Controlled Trial. <i>Anesthesiology</i> , <b>2015</b> , 123, 851-60	4	455
35	Opioid therapy and immunosuppression: a review. <i>American Journal of Therapeutics</i> , <b>2004</b> , 11, 354-65	0.9	299
34	Comparison of 10-kHz High-Frequency and Traditional Low-Frequency Spinal Cord Stimulation for the Treatment of Chronic Back and Leg Pain: 24-Month Results From a Multicenter, Randomized, Controlled Pivotal Trial. <i>Neurosurgery</i> , <b>2016</b> , 79, 667-677	3	267
33	The role of glia and the immune system in the development and maintenance of neuropathic pain. <i>Pain Practice</i> , <b>2010</b> , 10, 167-84	2.9	221
32	Novel spinal cord stimulation parameters in patients with predominant back pain. <i>Neuromodulation</i> , <b>2013</b> , 16, 370-5	3	127
31	Effectiveness of Spinal Cord Stimulation in Chronic Spinal Pain: A Systematic Review. <i>Pain Physician</i> , <b>2016</b> , 19, E33-54	1.7	96
30	Pulsed radiofrequency denervation for the treatment of sacroiliac joint syndrome. <i>Pain Medicine</i> , <b>2006</b> , 7, 429-34	2.8	89
29	Perioperative immunosuppression in cancer patients. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2003</b> , 22, 139-46	2	69
28	Pulsed radiofrequency modulates pain regulatory gene expression along the nociceptive pathway. <i>Pain Physician</i> , <b>2013</b> , 16, E601-13	1.7	56
27	Pulsed Radiofrequency Modulates Pain Regulatory Gene Expression Along the Nociceptive Pathway. <i>Pain Physician</i> , <b>2013</b> , 5;16, E601-E613	1.7	27
26	Spinal Cord Stimulation in Chronic Pain: Mode of Action. <i>Spine</i> , <b>2017</b> , 42 Suppl 14, S53-S60	3.2	47
25	Genomics of the Effect of Spinal Cord Stimulation on an Animal Model of Neuropathic Pain. <i>Neuromodulation</i> , <b>2016</b> , 19, 576-86	3	34
24	Assessment of methodologic quality of randomized trials of interventional techniques: development of an interventional pain management specific instrument. <i>Pain Physician</i> , <b>2014</b> , 17, E263-90	1.7	33
23	Paresthesia-Independence: An Assessment of Technical Factors Related to 10 kHz Paresthesia-Free Spinal Cord Stimulation. <i>Pain Physician</i> , <b>2017</b> , 20, 331-341	1.7	27
22	Modulation of neuroglial interactions using differential target multiplexed spinal cord stimulation in an animal model of neuropathic pain. <i>Molecular Pain</i> , <b>2020</b> , 16, 1744806920918057	3.2	22
21	Spinal Cord Stimulation Modulates Gene Expression in the Spinal Cord of an Animal Model of Peripheral Nerve Injury. <i>Regional Anesthesia and Pain Medicine</i> , <b>2016</b> , 41, 750-756	3.3	21
20	Glia to neuron ratio in the posterior aspect of the human spinal cord at thoracic segments relevant to spinal cord stimulation. <i>Journal of Anatomy</i> , <b>2019</b> , 235, 997-1006	2.8	19

19	Percutaneous cement injection into a created cavity for the treatment of vertebral body fracture: preliminary results of a new vertebroplasty technique. <i>Clinical Journal of Pain</i> , <b>2006</b> , 22, 182-9	3.4	14
18	Development of an interventional pain management specific instrument for methodologic quality assessment of nonrandomized studies of interventional techniques. <i>Pain Physician</i> , <b>2014</b> , 17, E291-317	1.7	14
17	Effects of Phase Polarity and Charge Balance Spinal Cord Stimulation on Behavior and Gene Expression in a Rat Model of Neuropathic Pain. <i>Neuromodulation</i> , <b>2020</b> , 23, 26-35	3	13
16	Prospective, Multicenter Feasibility Study to Evaluate Differential Target Multiplexed Spinal Cord Stimulation Programming in Subjects With Chronic Intractable Back Pain With or Without Leg Pain. <i>Pain Practice</i> , <b>2020</b> , 20, 761-768	2.9	13
15	Radiofrequency vs. pulse radiofrequency: The end of the controversy. <i>Techniques in Regional Anesthesia and Pain Management</i> , <b>2010</b> , 14, 128-132		10
14	Spinal cord stimulation using differential target multiplexed programming modulates neural cell-specific transcriptomes in an animal model of neuropathic pain. <i>Molecular Pain</i> , <b>2020</b> , 16, 1744806920964360	3.2	10
13	Citalopram enhances B cell numbers in a murine model of morphine-induced immunosuppression. <i>Pain Practice</i> , <b>2009</b> , 9, 195-205	2.9	7
12	Anterior cervical approach for stellate ganglion and T2 to T3 sympathetic blocks: a novel technique. <i>Pain Practice</i> , <b>2005</b> , 5, 244-8	2.9	6
11	Clinical Effectiveness and Mechanism of Action of Spinal Cord Stimulation for Treating Chronic Low Back and Lower Extremity Pain: a Systematic Review. <i>Current Pain and Headache Reports</i> , <b>2020</b> , 24, 70	4	7
10	Vertebral augmentation techniques for the treatment of vertebral compression fractures: A review. <i>Techniques in Regional Anesthesia and Pain Management</i> , <b>2010</b> , 14, 133-141		5
9	Modulation of microglial activation states by spinal cord stimulation in an animal model of neuropathic pain: Comparing high rate, low rate, and differential target multiplexed programming. <i>Molecular Pain</i> , <b>2021</b> , 17, 1744806921999013	3.2	4
8	Twelve-Month results from multicenter, open-label, randomized controlled clinical trial comparing differential target multiplexed spinal cord stimulation and traditional spinal cord stimulation in subjects with chronic intractable back pain and leg pain. <i>Pain Practice</i> , <b>2021</b> , 21, 912-923	2.9	5
7	Electrical Stimulation of C6 Glia-Precursor Cells In Vitro Differentially Modulates Gene Expression Related to Chronic Pain Pathways. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.3	3
6	Vertebroplasty. <i>Pain Practice</i> , <b>2006</b> , 6, 203-5	2.9	3
5	How to Restart the Interventional Activity in the COVID-19 Era: The Experience of a Private Pain Unit in Spain. <i>Pain Practice</i> , <b>2020</b> , 20, 820-828	2.9	2
4	Modulation of Glia-Mediated Processes by Spinal Cord Stimulation in Animal Models of Neuropathic Pain.. <i>Frontiers in Pain Research</i> , <b>2021</b> , 2, 702906	1.2	1
3	Epidural Analgesia for Cancer Patients. <i>Journal of Cancer Pain and Symptom Palliation</i> , <b>2005</b> , 1, 21-29		1
2	Proteomic and Phosphoproteomic Changes of MAPK-Related Inflammatory Response in an Animal Model of Neuropathic Pain by Differential Target Multiplexed SCS and Low-Rate SCS.. <i>Journal of Pain Research</i> , <b>2022</b> , 15, 895-907	2.8	0

1

A New Direction for Closed-Loop Spinal Cord Stimulation: Combining Contemporary Therapy Paradigms with Evoked Compound Action Potential Sensing.. *Journal of Pain Research*, **2021**, 14, 3909-3918