

# Immanuel R Lerman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5537197/publications.pdf>

Version: 2024-02-01

22  
papers

917  
citations

1051969

10  
h-index

889612

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Noninvasive Cervical Vagal Nerve Stimulation on Cognitive Performance But Not Brain Activation in Healthy Adults. <i>Neuromodulation</i> , 2022, 25, 424-432.	0.4	8
2	Peripheral Nerve Magnetoneurography With Optically Pumped Magnetometers. <i>Frontiers in Physiology</i> , 2022, 13, 798376.	1.3	7
3	Object Detection and Tracking in Ultrasound Scans Using an Optical Flow and Semantic Segmentation Framework Based on Convolutional Neural Networks. , 2022, , .		1
4	Sex-specific differences in the efficacy of traditional low frequency versus high frequency spinal cord stimulation for chronic pain. <i>Bioelectronic Medicine</i> , 2022, 8, 8.	1.0	6
5	Non-invasive cervical vagus nerve stimulation effects on reaction time and valence image anticipation response. <i>Brain Stimulation</i> , 2022, 15, 946-956.	0.7	4
6	An Adhesiveâ€Integrated Stretchable Silverâ€Silver Chloride Electrode Array for Unobtrusive Monitoring of Gastric Neuromuscular Activity. <i>Advanced Materials Technologies</i> , 2021, 6, 2001229.	3.0	13
7	Restingâ€state magnetoencephalography source magnitude imaging with deepâ€learning neural network for classification of symptomatic combatâ€related mild traumatic brain injury. <i>Human Brain Mapping</i> , 2021, 42, 1987-2004.	1.9	5
8	A CNN Segmentation-Based Approach to Object Detection and Tracking in Ultrasound Scans with Application to the Vagus Nerve Detection. , 2021, 2021, 3322-3327.		5
9	Spinal cord stimulation in chronic pain: evidence and theory for mechanisms of action. <i>Bioelectronic Medicine</i> , 2019, 5, .	1.0	117
10	A Letter to the Editor: Impact of Neck Position on the Probability of Common Carotid Artery Puncture during Ultrasoundâ€Guided Stellate Ganglion Block. <i>PM and R</i> , 2019, 11, 1250-1251.	0.9	2
11	Noninvasive vagus nerve stimulation alters neural response and physiological autonomic tone to noxious thermal challenge. <i>PLoS ONE</i> , 2019, 14, e0201212.	1.1	48
12	Relations of combat stress and posttraumatic stress disorder to 24-h plasma and cerebrospinal fluid interleukin-6 levels and circadian rhythmicity. <i>Psychoneuroendocrinology</i> , 2019, 100, 237-245.	1.3	24
13	Spinal Cord Stimulator Implant Infection Rates and Risk Factors: A Multicenter Retrospective Study. <i>Neuromodulation</i> , 2017, 20, 558-562.	0.4	83
14	Posttraumatic stress disorder influences the nociceptive and intrathecal cytokine response to a painful stimulus in combat veterans. <i>Psychoneuroendocrinology</i> , 2016, 73, 99-108.	1.3	34
15	Noninvasive Transcutaneous Vagus Nerve Stimulation Decreases Whole Blood Culture-Derived Cytokines and Chemokines: A Randomized, Blinded, Healthy Control Pilot Trial. <i>Neuromodulation</i> , 2016, 19, 283-291.	0.4	124
16	Platelet-rich plasma injections for knee osteoarthritis: Systematic review of duration of clinical benefit. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2015, 19, 67-72.	0.2	3
17	A Novel Freehand (Underhand), Out-of-Plane Ultrasound Technique to Optimize Visualization of Needle Tip During Subacromial Bursa Injection. <i>Regional Anesthesia and Pain Medicine</i> , 2015, 40, 730-731.	1.1	1
18	Novel High-Frequency Peripheral Nerve Stimulator Treatment of Refractory Postherpetic Neuralgia: A Brief Technical Note. <i>Neuromodulation</i> , 2015, 18, 487-493.	0.4	20

#	ARTICLE	IF	CITATIONS
19	Ultrasound-guided regional anesthesia simulation and trainee performance. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2014, 18, 110-117.	0.2	1
20	Optimizing needle tip visualization during out-of-plane ultrasonography: A novel technique. <i>Techniques in Regional Anesthesia and Pain Management</i> , 2014, 18, 123-125.	0.2	0
21	Genetic variability in forced and voluntary endurance exercise performance in seven inbred mouse strains. <i>Journal of Applied Physiology</i> , 2002, 92, 2245-2255.	1.2	238
22	Alterations in cardiac adrenergic signaling and calcium cycling differentially affect the progression of cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2001, 107, 967-974.	3.9	173