

# Parag Gad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1606216/publications.pdf>

Version: 2024-02-01

22  
papers

1,102  
citations

687363

13  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Reactivation of Motor Descending Control after Paralysis. <i>Journal of Neurotrauma</i> , 2015, 32, 1968-1980.	3.4	236
2	Transcutaneous electrical spinal-cord stimulation in humans. <i>Annals of Physical and Rehabilitation Medicine</i> , 2015, 58, 225-231.	2.3	176
3	Non-Invasive Activation of Cervical Spinal Networks after Severe Paralysis. <i>Journal of Neurotrauma</i> , 2018, 35, 2145-2158.	3.4	138
4	Weight Bearing Over-ground Stepping in an Exoskeleton with Non-invasive Spinal Cord Neuromodulation after Motor Complete Paraplegia. <i>Frontiers in Neuroscience</i> , 2017, 11, 333.	2.8	131
5	Development of a multi-electrode array for spinal cord epidural stimulation to facilitate stepping and standing after a complete spinal cord injury in adult rats. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 2.	4.6	94
6	Sub-threshold spinal cord stimulation facilitates spontaneous motor activity in spinal rats. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 108.	4.6	60
7	Integration of sensory, spinal, and volitional descending inputs in regulation of human locomotion. <i>Journal of Neurophysiology</i> , 2016, 116, 98-105.	1.8	44
8	Neuromodulation of motor-evoked potentials during stepping in spinal rats. <i>Journal of Neurophysiology</i> , 2013, 110, 1311-1322.	1.8	39
9	Feed-Forwardness of Spinal Networks in Posture and Locomotion. <i>Neuroscientist</i> , 2017, 23, 441-453.	3.5	33
10	Forelimb EMG-based trigger to control an electronic spinal bridge to enable hindlimb stepping after a complete spinal cord lesion in rats. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 38.	4.6	25
11	Electrophysiological biomarkers of neuromodulatory strategies to recover motor function after spinal cord injury. <i>Journal of Neurophysiology</i> , 2015, 113, 3386-3396.	1.8	22
12	Electrical Spinal Stimulation, and Imagining of Lower Limb Movements to Modulate Brain-Spinal Connectomes That Control Locomotor-Like Behavior. <i>Frontiers in Physiology</i> , 2018, 9, 1196.	2.8	21
13	Using EMG to deliver lumbar dynamic electrical stimulation to facilitate cortico-spinal excitability. <i>Brain Stimulation</i> , 2020, 13, 20-34.	1.6	21
14	Transcutaneous Spinal Neuromodulation Reorganizes Neural Networks in Patients with Cerebral Palsy. <i>Neurotherapeutics</i> , 2021, 18, 1953-1962.	4.4	18
15	Acute neuromodulation restores spinally-induced motor responses after severe spinal cord injury. <i>Experimental Neurology</i> , 2020, 327, 113246.	4.1	13
16	Is the vagus nerve our neural connectome?. <i>ELife</i> , 2018, 7, .	6.0	8
17	Tetraplegia to Overground Stepping Using Non-Invasive Spinal Neuromodulation. , 2019, , .		7
18	Spinal and sensory neuromodulation of spinal neuronal networks in humans. <i>Human Physiology</i> , 2017, 43, 492-500.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Electrophysiological mapping of rat sensorimotor lumbosacral spinal networks after complete paralysis. Progress in Brain Research, 2015, 218, 199-212.	1.4	4
20	An epidural stimulating interface unveils the intrinsic modulation of electrically motor evoked potentials in behaving rats. Journal of Neurophysiology, 2021, 126, 1635-1641.	1.8	3
21	Stochastic spinal neuromodulation tunes the intrinsic logic of spinal neural networks. Experimental Neurology, 2022, 355, 114138.	4.1	3
22	Enhanced spontaneous cage activity induced by continuous low intensity spinal cord epidural stimulation in complete spinal cord transected adult rats. FASEB Journal, 2013, 27, 1132.29.	0.5	0