

Behzad Elahi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,122
citations

516710
16
h-index

580821
25
g-index

32
all docs

32
docs citations

32
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of transcranial magnetic stimulation on Parkinson motor function”Systematic review of controlled clinical trials. <i>Movement Disorders</i> , 2009, 24, 357-363.	3.9	193
2	A Meta-Analysis on the Efficacy of Probiotics for Maintenance of Remission and Prevention of Clinical and Endoscopic Relapse in Crohn’s Disease. <i>Digestive Diseases and Sciences</i> , 2008, 53, 2524-2531.	2.3	164
3	On the Benefit of Probiotics in the Management of Pouchitis in Patients Underwent Ileal Pouch Anal Anastomosis: A Meta-analysis of Controlled Clinical Trials. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1278-1284.	2.3	124
4	RF-induced heating in tissue near bilateral DBS implants during MRI at 1.5T and 3T: The role of surgical lead management. <i>NeuroImage</i> , 2019, 184, 566-576.	4.2	92
5	Reconfigurable MRI technology for low-SAR imaging of deep brain stimulation at 3T: Application in bilateral leads, fully-implanted systems, and surgically modified lead trajectories. <i>NeuroImage</i> , 2019, 199, 18-29.	4.2	51
6	Reconfigurable MRI coil technology can substantially reduce RF heating of deep brain stimulation implants: First in-vitro study of RF heating reduction in bilateral DBS leads at 1.5 T. <i>PLoS ONE</i> , 2019, 14, e0220043.	2.5	43
7	Human dorsomedial parieto-motor circuit specifies grasp during the planning of goal-directed hand actions. <i>Cortex</i> , 2017, 92, 175-186.	2.4	42
8	Magnetic characterization of superparamagnetic nanoparticles pulled through model membranes. <i>Biomagnetic Research and Technology</i> , 2007, 5, 1.	2.0	39
9	Short-interval intracortical inhibition blocks long-term potentiation induced by paired associative stimulation. <i>Journal of Neurophysiology</i> , 2012, 107, 1935-1941.	1.8	37
10	Effect of Device Configuration and Patient's Body Composition on the RF Heating and Nonsusceptibility Artifact of Deep Brain Stimulation Implants During MRI at 1.5T and 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 599-610.	3.4	36
11	Long-Term Evaluation of Complications and Results of Photorefractive Keratectomy in Myopia: An 8-Year Follow-Up. <i>Cornea</i> , 2009, 28, 304-310.	1.7	35
12	Analysis of fractal electrodes for efficient neural stimulation. <i>Frontiers in Neuroengineering</i> , 2013, 6, 3.	4.8	35
13	Rubber hand illusion modulates the influences of somatosensory and parietal inputs to the motor cortex. <i>Journal of Neurophysiology</i> , 2019, 121, 563-573.	1.8	34
14	Efficacy and Safety of Pedunculopontine Nuclei (PPN) Deep Brain Stimulation in the Treatment of Gait Disorders: A Meta-Analysis of Clinical Studies. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 120-126.	0.5	32
15	N-Methyl-D-Aspartate Antagonists in Levodopa Induced Dyskinesia: A Meta-Analysis. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 465-472.	0.5	31
16	Safety and image quality at 7T MRI for deep brain stimulation systems: Ex vivo study with lead-only and full-systems. <i>PLoS ONE</i> , 2021, 16, e0257077.	2.5	27
17	Combined use of transcranial magnetic stimulation and metal electrode implants: a theoretical assessment of safety considerations. <i>Physics in Medicine and Biology</i> , 2012, 57, 7813-7827.	3.0	19
18	Dose-response curve of associative plasticity in human motor cortex and interactions with motor practice. <i>Journal of Neurophysiology</i> , 2014, 111, 594-601.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Neuromuscular transmission defects in myopathies: Rare but worth searching for. Muscle and Nerve, 2019, 59, 475-478.	2.2	12
20	RF heating of deep brain stimulation implants during MRI in 1.2 T vertical scanners versus 1.5 T horizontal systems: A simulation study with realistic lead configurations. , 2020, 2020, 6143-6146.		11
21	Vector Analysis of Cross Cylinder LASIK With the NIDEK EC-5000 Excimer Laser for High Astigmatism. Journal of Refractive Surgery, 2009, 25, 1075-1082.	2.3	11
22	Investigating the effects of external fields polarization on the coupling of pure magnetic waves in the human body in very low frequencies. Biomagnetic Research and Technology, 2007, 5, 3.	2.0	9
23	Benefit of antibiotic therapy on pouchitis after ileal pouch anal anastomosis: A systematic review and meta-analysis of clinical trials. Open Medicine (Poland), 2009, 4, 164-170.	1.3	8
24	Patient-specific modeling of the volume of tissue activated (VTA) is associated with clinical outcome of DBS in patients with an obsessive-compulsive disorder. , 2021, 2021, 5889-5892.		5
25	Device Configuration and Patient's Body Composition Significantly Affect RF Heating of Deep Brain Stimulation Implants During MRI: An Experimental Study at 1.5T and 3T. , 2020, 2020, 5192-5197.		4
26	Extreme task specificity: Is it dystonia or another form of motor programming abnormality?. Movement Disorders, 2012, 27, 1202-1203.	3.9	2
27	Effect of Biophysical Model Complexity on Predictions of Volume of Tissue Activated (VTA) during Deep Brain Stimulation. , 2020, 2020, 3629-3633.		2
28	Does it Make a Difference Which Interferon- γ 2 to use for Relapse and Remitting Multiple Sclerosis (RRMS)?. International Journal of Pharmacology, 2011, 7, 542-543.	0.3	1
29	Hemophagocytic lymphohistiocytosis in a neonate with cutis marmorata telangiectatica congenita. Journal of King Abdulaziz University, Islamic Economics, 2006, 27, 1751-3.	1.1	1