

Dennis Q Truong

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,431
citations

430874

18
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the effect of transcranial direct current stimulation on language impairments in the behavioural variant of frontotemporal dementia. <i>Brain Communications</i> , 2022, 4, fcac050.	3.3	0
2	Selective augmentation of corticospinal motor drive with trans-spinal direct current stimulation in the cat. <i>Brain Stimulation</i> , 2022, , .	1.6	6
3	Tissue Temperature Increases by a 10 kHz Spinal Cord Stimulation System: Phantom and Bioheat Model. <i>Neuromodulation</i> , 2021, 24, 1327-1335.	0.8	26
4	Enhanced tES and tDCS computational models by meninges emulation. <i>Journal of Neural Engineering</i> , 2020, 17, 016027.	3.5	37
5	Cerebellar transcranial alternating current stimulation modulates human gait rhythm. <i>Neuroscience Research</i> , 2020, 156, 265-270.	1.9	19
6	Transcranial Electrical Stimulation. , 2020, , 271-292.		1
7	Automatic M1-SO Montage Headgear for Transcranial Direct Current Stimulation (TDCS) Suitable for Home and High-Throughput In-Clinic Applications. <i>Neuromodulation</i> , 2019, 22, 904-910.	0.8	20
8	Language boosting by transcranial stimulation in progressive supranuclear palsy. <i>Neurology</i> , 2019, 93, e537-e547.	1.1	14
9	The Quasi-uniform assumption for Spinal Cord Stimulation translational research. <i>Journal of Neuroscience Methods</i> , 2019, 328, 108446.	2.5	17
10	Stimulation Parameters and Their Reporting. , 2019, , 225-231.		0
11	Temperature increases by kilohertz frequency spinal cord stimulation. <i>Brain Stimulation</i> , 2019, 12, 62-72.	1.6	45
12	Role of Computational Modeling for Dose Determination. , 2019, , 233-262.		4
13	Minimal Heating at the Skin Surface During Transcranial Direct Current Stimulation. <i>Neuromodulation</i> , 2018, 21, 334-339.	0.8	17
14	Neuromodulation of Axon Terminals. <i>Cerebral Cortex</i> , 2018, 28, 2786-2794.	2.9	75
15	High-Resolution Multi-Scale Computational Model for Non-Invasive Cervical Vagus Nerve Stimulation. <i>Neuromodulation</i> , 2018, 21, 261-268.	0.8	75
16	Manipulation of Human Verticality Using High-Definition Transcranial Direct Current Stimulation. <i>Frontiers in Neurology</i> , 2018, 9, 825.	2.4	17
17	Physics of Transcranial Direct Current Stimulation Devices and Their History. <i>Journal of ECT</i> , 2018, 34, 137-143.	0.6	40
18	Spatial and polarity precision of concentric high-definition transcranial direct current stimulation (HD-tDCS). <i>Physics in Medicine and Biology</i> , 2016, 61, 4506-4521.	3.0	131

#	ARTICLE	IF	CITATIONS
19	A simple method for EEG guided transcranial electrical stimulation without models. Journal of Neural Engineering, 2016, 13, 036022.	3.5	34
20	Direct current stimulation over the anterior temporal areas boosts semantic processing in primary progressive aphasia. Annals of Neurology, 2016, 80, 693-707.	5.3	47
21	Computer-Based Models of tDCS and tACS. , 2016, , 47-66.		2
22	Center of Pressure Speed Changes with tDCS Versus GVS in Patients with Lateropulsion after Stroke. Brain Stimulation, 2016, 9, 796-798.	1.6	15
23	Polarity-Dependent Misperception of Subjective Visual Vertical during and after Transcranial Direct Current Stimulation (tDCS). PLoS ONE, 2016, 11, e0152331.	2.5	19
24	State-of-art neuroanatomical target analysis of high-definition and conventional tDCS montages used for migraine and pain control. Frontiers in Neuroanatomy, 2015, 9, 89.	1.7	107
25	Principles of Within Electrode Current Steering ¹ . Journal of Medical Devices, Transactions of the ASME, 2015, 9, .	0.7	8
26	Methods for Specific Electrode Resistance Measurement During Transcranial Direct Current Stimulation. Brain Stimulation, 2015, 8, 150-159.	1.6	13
27	High-Definition and Non-invasive Brain Modulation of Pain and Motor Dysfunction in Chronic TMD. Brain Stimulation, 2015, 8, 1085-1092.	1.6	58
28	Brief Report: Excitatory and Inhibitory Brain Metabolites as Targets of Motor Cortex Transcranial Direct Current Stimulation Therapy and Predictors of Its Efficacy in Fibromyalgia. Arthritis and Rheumatology, 2015, 67, 576-581.	5.6	88
29	Transspinal direct current stimulation immediately modifies motor cortex sensorimotor maps. Journal of Neurophysiology, 2015, 113, 2801-2811.	1.8	45
30	Modeling sequence and quasi-uniform assumption in computational neurostimulation. Progress in Brain Research, 2015, 222, 1-23.	1.4	51
31	A Feasibility Study of Bilateral Anodal Stimulation of the Prefrontal Cortex Using High-Definition Electrodes in Healthy Participants. Yale Journal of Biology and Medicine, 2015, 88, 219-25.	0.2	7
32	Clinician Accessible Tools for GUI Computational Models of Transcranial Electrical Stimulation: BONSAI and SPHERES. Brain Stimulation, 2014, 7, 521-524.	1.6	52
33	Focal Modulation of the Primary Motor Cortex in Fibromyalgia Using 4-1-Ring High-Definition Transcranial Direct Current Stimulation (HD-tDCS): Immediate and Delayed Analgesic Effects of Cathodal and Anodal Stimulation. Journal of Pain, 2013, 14, 371-383.	1.4	166
34	Computational modeling of transcranial direct current stimulation (tDCS) in obesity: Impact of head fat and dose guidelines. NeuroImage: Clinical, 2013, 2, 759-766.	2.7	160
35	Prefrontal cortex transcranial direct current stimulation via a combined high definition and conventional electrode montage: A FEM modeling study [PDF Not Yet Available In IEEE Xplore]. , 2012, , .		2
36	Finite Element study of skin and fat delineation in an obese subject for transcranial Direct Current Stimulation. , 2012, 2012, 6587-90.		13