Kevin A Caulfield

List of Publications by Year
in descending order

24	433	858243 12	939365 18
papers	citations	h-index	g-index

28	28	28	500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric Field Strength From Prefrontal Transcranial Direct Current Stimulation Determines Degree of Working Memory Response: A Potential Application of Reverse-Calculation Modeling?. Neuromodulation, 2022, 25, 578-587.	0.4	25
2	Sonication of the Anterior Thalamus With MRI-Guided Transcranial Focused Ultrasound (tFUS) Alters Pain Thresholds in Healthy Adults: A Double-Blind, Sham-Controlled Study. Focus (American) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 T	0.4	
3	Shaping plasticity with non-invasive brain stimulation in the treatment of psychiatric disorders: Present and future. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 497-507.	1.0	6
4	On the importance of using both T1-weighted and T2-weighted structural magnetic resonance imaging scans to model electric fields induced by non-invasive brain stimulation in SimNIBS. Brain Stimulation, 2022, , .	0.7	13
5	The Problem and Potential of TMS' Infinite Parameter Space: A Targeted Review and Road Map Forward. Frontiers in Psychiatry, 2022, 13, .	1.3	18
6	Accurate tissue segmentation from including both T1-weighted and T2-weighted MRI scans significantly affect electric field simulations of prefrontal but not motor TMS. Brain Stimulation, 2022, 15, 942-945.	0.7	8
7	A transdiagnostic review of safety, efficacy, and parameter space in accelerated transcranial magnetic stimulation. Journal of Psychiatric Research, 2022, 152, 384-396.	1.5	18
8	tDCS-Augmented in vivo exposure therapy for specific fears: A randomized clinical trial. Journal of Anxiety Disorders, 2021, 78, 102344.	1.5	15
9	Four electric field modeling methods of Dosing Prefrontal Transcranial Magnetic Stimulation (TMS): Introducing APEX MT dosimetry. Brain Stimulation, 2021, 14, 1032-1034.	0.7	16
10	A reexamination of motor and prefrontal TMS in tobacco use disorder: Time for personalized dosing based on electric field modeling?. Clinical Neurophysiology, 2021, 132, 2199-2207.	0.7	24
11	Is accelerated, high-dose theta burst stimulation a panacea for treatment-resistant depression?. Journal of Neurophysiology, 2020, 123, 1-3.	0.9	19
12	Therapeutic Highâ€Frequency Repetitive Transcranial Magnetic Stimulation Concurrently Improves Mood and Anxiety in Patients Using Benzodiazepines. Neuromodulation, 2020, 23, 380-383.	0.4	10
13	Brain stimulation in zero gravity: transcranial magnetic stimulation (TMS) motor threshold decreases during zero gravity induced by parabolic flight. Npj Microgravity, 2020, 6, 26.	1.9	7
14	Sonication of the anterior thalamus with MRI-Guided transcranial focused ultrasound (tFUS) alters pain thresholds in healthy adults: A double-blind, sham-controlled study. Brain Stimulation, 2020, 13, 1805-1812.	0.7	72
15	Synchronized cervical VNS with accelerated theta burst TMS for treatment resistant depression. Brain Stimulation, 2020, 13, 1449-1450.	0.7	7
16	A new, open-source 3D-printed transcranial magnetic stimulation (TMS) coil tracker holder for double blind, sham-controlled neuronavigation studies. Brain Stimulation, 2020, 13, 600-602.	0.7	2
17	Personalized TMS helmets for quick and reliable TMS administration outside of a laboratory setting. Brain Stimulation, 2020, 13, 551-553.	0.7	14
18	Treating the mental health effects of COVID-19: The need for at-home neurotherapeutics is now. Brain Stimulation, 2020, 13, 939-940.	0.7	26

#	Article	IF	Citations
19	Transcranial electrical stimulation motor threshold can estimate individualized tDCS dosage from reverse-calculation electric-field modeling. Brain Stimulation, 2020, 13, 961-969.	0.7	59
20	Can transcranial electrical stimulation motor threshold estimate individualized tDCS doses over the prefrontal cortex? Evidence from reverse-calculation electric field modeling. Brain Stimulation, 2020, 13, 1150-1152.	0.7	24
21	How long would a single session of maximum settings electroconvulsive therapy (ECT) power a 60W lightbulb?. Brain Stimulation, 2019, 12, 1612-1613.	0.7	0
22	The role of the right superior temporal gyrus in stimulus-centered spatial processing. Neuropsychologia, 2018, 113, 6-13.	0.7	22
23	The Future of Brain Stimulation Treatments. Psychiatric Clinics of North America, 2018, 41, 515-533.	0.7	14
24	Antidepressant Effect of Low-Frequency Right-Sided rTMS in Two Patients with Left Frontal Stroke. Brain Stimulation, 2017, 10, 150-151.	0.7	6