Peter J Fried

List of Publications by Year
in descending order

40 papers	1,439 citations	279798 23 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	1930 citing authors

#	Article	IF	Citations
1	A structured ICA-based process for removing auditory evoked potentials. Scientific Reports, 2022, 12, 1391.	3.3	22
2	Corticomotor plasticity as a predictor of response to high frequency transcranial magnetic stimulation treatment for major depressive disorder. Journal of Affective Disorders, 2022, 303, 114-122.	4.1	7
3	Editorial: Non-invasive Brain Stimulation for Neurodegenerative Disorders: From Investigation to Therapeutic Application. Frontiers in Neurology, 2022, 13, 820942.	2.4	2
4	Efficacy of mechanisms of neuroplasticity after a stroke. Restorative Neurology and Neuroscience, 2022, , 1-12.	0.7	3
5	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. Clinical Neurophysiology, 2021, 132, 819-837.	1.5	38
6	Reproducibility of cortical response modulation induced by intermittent and continuous theta-burst stimulation of the human motor cortex. Brain Stimulation, 2021, 14, 949-964.	1.6	42
7	Large-scale analysis of interindividual variability in single and paired-pulse TMS data. Clinical Neurophysiology, 2021, 132, 2639-2653.	1.5	36
8	Higher motor cortical excitability linked to greater cognitive dysfunction in Alzheimer's disease: results from two independent cohorts. Neurobiology of Aging, 2021, 108, 24-33.	3.1	15
9	EEG spectral power abnormalities and their relationship with cognitive dysfunction in patients with Alzheimer's disease and type 2 diabetes. Neurobiology of Aging, 2020, 85, 83-95.	3.1	53
10	Light aerobic exercise modulates executive function and cortical excitability. European Journal of Neuroscience, 2020, 51, 1723-1734.	2.6	27
11	LTP-like plasticity is impaired in amyloid-positive amnestic MCI but independent of PET-amyloid burden. Neurobiology of Aging, 2020, 96, 109-116.	3.1	14
12	Large-scale analysis of interindividual variability in theta-burst stimulation data: Results from the â€˜Big TMS Data Collaborationâ€™. Brain Stimulation, 2020, 13, 1476-1488.	1.6	81
13	TMSâ€measures of cortical excitability are abnormal in amyloidâ€positive MCI, relate to amyloid burden, and predict faster cognitive decline. Alzheimer's and Dementia, 2020, 16, e045478.	0.8	0
14	Speech Perception Triggers Articulatory Action: Evidence From Mechanical Stimulation. Frontiers in Communication, 2020, 5, .	1.2	4
15	Corticomotor Plasticity Predicts Clinical Efficacy of Combined Neuromodulation and Cognitive Training in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 200.	3.4	29
16	Aftereffects of Intermittent Theta-Burst Stimulation in Adjacent, Non-Target Muscles. Neuroscience, 2019, 418, 157-165.	2.3	5
17	Transcranial magnetic stimulation: Neurophysiological and clinical applications. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 73-92.	1.8	75
18	Diabetes and the link between neuroplasticity and glutamate in the aging human motor cortex. Clinical Neurophysiology, 2019, 130, 1502-1510.	1.5	23

#	Article	IF	Citations
19	Testâ€“Retest Reliability of the Effects of Continuous Theta-Burst Stimulation. Frontiers in Neuroscience, 2019, 13, 447.	2.8	41
20	Therapeutic noninvasive brain stimulation in Alzheimer's disease and related dementias. Current Opinion in Neurology, 2019, 32, 292-304.	3.6	50
21	The Role of Cognitive Reserve in Alzheimerâ€™s Disease and Aging: A Multi-Modal Imaging Review. Journal of Alzheimer's Disease, 2018, 66, 1341-1362.	2.6	32
22	The Effects of Waveform and Current Direction on the Efficacy and Testâ€“Retest Reliability of Transcranial Magnetic Stimulation. Neuroscience, 2018, 393, 97-109.	2.3	38
23	Modulation of corticomotor excitability following 10 Hz repetitive transcranial magnetic stimulation predicts clinical response in patients with treatment-resistant depression. Brain Stimulation, 2018, 11, e15.	1.6	1
24	Non-invasive Brain Stimulation: Probing Intracortical Circuits and Improving Cognition in the Aging Brain. Frontiers in Aging Neuroscience, 2018, 10, 177.	3.4	53
25	Atrophy in Distributed Networks Predicts Cognition in Alzheimerâ€™s Disease and Type 2 Diabetes. Journal of Alzheimer's Disease, 2018, 65, 1301-1312.	2.6	10
26	Intermittent theta-burst stimulation induces correlated changes in cortical and corticospinal excitability in healthy older subjects. Clinical Neurophysiology, 2017, 128, 2419-2427.	1.5	21
27	[P4â€“535]: ATROPHY IN DISTRIBUTED BRAIN NETWORKS CORRELATES WITH PERFORMANCE ON MEMORY TESTS IN AD PATIENTS. Alzheimer's and Dementia, 2017, 13, P1555.	0.8	0
28	Reproducibility of Single-Pulse, Paired-Pulse, and Intermittent Theta-Burst TMS Measures in Healthy Aging, Type-2 Diabetes, and Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2017, 9, 263.	3.4	59
29	Therapeutic Noninvasive Brain Stimulation in Alzheimerâ€™s Disease. Current Alzheimer Research, 2017, 14, 362-376.	1.4	47
30	Humans with Type-2 Diabetes Show Abnormal Long-Term Potentiation-Like Cortical Plasticity Associated with Verbal Learning Deficits. Journal of Alzheimer's Disease, 2016, 55, 89-100.	2.6	43
31	Optimal number of pulses as outcome measures of neuronavigated transcranial magnetic stimulation. Clinical Neurophysiology, 2016, 127, 2892-2897.	1.5	95
32	Direct current stimulation over the human sensorimotor cortex modulates the brain's hemodynamic response to tactile stimulation. European Journal of Neuroscience, 2015, 42, 1933-1940.	2.6	24
33	Concordance Between BeamF3 and MRI-neuronavigated Target SitesÂfor Repetitive Transcranial Magnetic Stimulation of the LeftÂDorsolateral Prefrontal Cortex. Brain Stimulation, 2015, 8, 965-973.	1.6	153
34	An assessment of the discrepancy between BeamF3 versus MRI-neuronavigated target sites for repetitive transcranial magnetic stimulation of the left dorsolateral prefrontal cortex in 100 patients. Brain Stimulation, 2015, 8, 338-339.	1.6	0
35	Is neuroenhancement by noninvasive brain stimulation a net zero-sum proposition?. NeuroImage, 2014, 85, 1058-1068.	4.2	102
36	Causal evidence supporting functional dissociation of verbal and spatial working memory in the human dorsolateral prefrontal cortex. European Journal of Neuroscience, 2014, 39, 1973-1981.	2.6	49

#	Article	IF	Citations
37	Characterization of Visual Percepts Evoked by Noninvasive Stimulation of the Human Posterior Parietal Cortex. PLoS ONE, 2011, 6, e27204.	2.5	28
38	From qualia to quantia: A system to document and quantify phosphene percepts elicited by non-invasive neurostimulation of the human occipital cortex. Journal of Neuroscience Methods, 2011, 198, 149-157.	2.5	8
39	A Novel Approach for Documenting Phosphenes Induced by Transcranial Magnetic Stimulation. Journal of Visualized Experiments, 2010, , .	0.3	13
40	Chronic Olanzapine Treatment Causes Differential Expression of Genes in Frontal Cortex of Rats as Revealed by DNA Microarray Technique. Neuropsychopharmacology, 2006, 31, 1888-1899.	5.4	96