Kenneth J Pope

List of Publications by Year
in descending order

37	1,137	567281	501196
papers	citations	15	28
		h-index	g-index

39	39	39	1561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scalp electrical recording during paralysis: Quantitative evidence that EEG frequencies above 20Hz are contaminated by EMG. Clinical Neurophysiology, 2007, 118, 1877-1888.	1.5	421
2	Thinking activates EMG in scalp electrical recordings. Clinical Neurophysiology, 2008, 119, 1166-1175.	1.5	150
3	Relation of Gamma Oscillations in Scalp Recordings to Muscular Activity. Brain Topography, 2009, 22, 13-17.	1.8	67
4	Surface Laplacian of Central Scalp Electrical Signals is Insensitive to Muscle Contamination. IEEE Transactions on Biomedical Engineering, 2013, 60, 4-9.	4.2	60
5	Supramolecular Mn(II) and Mn(II)/Mn(III) Grid Complexes with [Mn9(Î¼2-O)12] Core Structures. Structural, Magnetic, and Redox Properties and Surface Studies. Inorganic Chemistry, 2004, 43, 3812-3824.	4.0	56
6	Electroencephalographic correlates of states of concentrative meditation. International Journal of Psychophysiology, 2016, 110, 27-39.	1.0	38
7	Detecting synchrony in EEG: A comparative study of functional connectivity measures. Computers in Biology and Medicine, 2019, 105, 1-15.	7.0	38
8	Cell swelling precedes seizures induced by inhibition of astrocytic metabolism. Epilepsy Research, 2008, 80, 132-141.	1.6	35
9	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007569.	4.8	35
10	Improved artefact removal from EEG using Canonical Correlation Analysis and spectral slope. Journal of Neuroscience Methods, 2018, 298, 1-15.	2.5	29
11	Avoiding the dangers of averaging across subjects when using multidimensional scaling. Journal of Mathematical Psychology, 2003, 47, 32-46.	1.8	24
12	Information Theory and Atrial Fibrillation (AF): A Review. Frontiers in Physiology, 2018, 9, 957.	2.8	23
13	Detecting connectivity in EEG: A comparative study of data-driven effective connectivity measures. Computers in Biology and Medicine, 2019, 111, 103329.	7.0	22
14	Physiological and pathological spindling phenomena have similar regional EEG power distributions. Brain Research, 2004, 1008, 92-106.	2.2	21
15	Mental Tasks Induce Gamma EEG with Reduced Responsiveness in Primary Generalized Epilepsies. Epilepsia, 2003, 44, 1406-1412.	5.1	19
16	Visual Experiences during Paralysis. Frontiers in Human Neuroscience, 2011, 5, 160.	2.0	15
17	Model selection for the rate problem: A comparison of significance testing, Bayesian, and minimum description length statistical inference. Journal of Mathematical Psychology, 2006, 50, 193-202.	1.8	13
18	Constitutive spectral EEG peaks in the gamma range: suppressed by sleep, reduced by mental activity and resistant to sensory stimulation. Frontiers in Human Neuroscience, 2014, 8, 927.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Evaluation of a minimum-norm based beamforming technique, sLORETA, for reducing tonic muscle contamination of EEG at sensor level. Journal of Neuroscience Methods, 2017, 288, 17-28.	2.5	9
20	Resting cranial and upper cervical muscle activity is increased in patients with migraine. Clinical Neurophysiology, 2018, 129, 1913-1919.	1.5	7
21	Fast and effective removal of contamination from scalp electrical recordings. Clinical Neurophysiology, 2020, 131, 6-24.	1.5	7
22	Preseizure increased gamma electroencephalographic activity has no effect on extracellular potassium or calcium. Journal of Neuroscience Research, 2007, 85, 906-918.	2.9	6
23	Temporal stability and specificity of high bipolar electrogram entropy regions in sustained atrial fibrillation: Implications for mapping. Journal of Electrocardiology, 2019, 53, 18-27.	0.9	6
24	A comparison of independent component analysis algorithms and measures to discriminate between EEG and artifact components. , 2016, 2016, 825-828.		5
25	Spreading depression: Evidence of five electroencephalogram phases. Journal of Neuroscience Research, 2014, 92, 1384-1394.	2.9	4
26	How Many Channels are Enough? Evaluation of Tonic Cranial Muscle Artefact Reduction Using ICA with Different Numbers of EEG Channels. , 2018, , .		4
27	Scanning tunneling microscopy investigation of nonanuclear [3 x 3] MnIIsupramolecular grids. , 2004, , .		3
28	EEG spindles in the rat: Evidence for a synchronous network phenomenon. Epilepsy Research, 2010, 89, 194-206.	1.6	3
29	Understanding the origins of the basic equations of statistical fibrillatory dynamics. Chaos, 2022, 32, 032101.	2.5	3
30	Imaging molecular adsorbates using scanning tunnelling microscopy and image processing. Smart Materials and Structures, 2002, 11, 679-685.	3.5	1
31	Detection of coupling with linear and nonlinear synchronization measures for EEG. , 2014, , .		1
32	A comparative study of the detection of direct causal influence with bivariate and multivariate measures for EEG. , 2014, , .		1
33	A Tool for Educating Global Health Practitioners: the Curriculum Design Compass. MedEdPublish, 2017, 6, .	0.3	1
34	<title>Imaging molecular adsorbates using scanning tunneling microscopy and image processing</title>. , 2001, 4590, 221.		0
35	EEG source analysis of data from paralysed subjects. , 2015, , .		0
36	Towards Detecting Connectivity in EEG: A Comparative Study of Parameters of Effective Connectivity Measures on Simulated Data. , 2018, , .		0

#	Article	IF	Citations
37	Beamforming and Blind Source Separation Have a Complementary Effect in Reducing Tonic Cranial Muscle Contamination of Scalp Measurements. , 2018, , .		0