

# Kenneth J Pope

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4828353/publications.pdf>

Version: 2024-02-01

37  
papers

1,137  
citations

567281

15  
h-index

501196

28  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the origins of the basic equations of statistical fibrillatory dynamics. <i>Chaos</i> , 2022, 32, 032101.	2.5	3
2	Fast and effective removal of contamination from scalp electrical recordings. <i>Clinical Neurophysiology</i> , 2020, 131, 6-24.	1.5	7
3	Detecting connectivity in EEG: A comparative study of data-driven effective connectivity measures. <i>Computers in Biology and Medicine</i> , 2019, 111, 103329.	7.0	22
4	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007569.	4.8	35
5	Detecting synchrony in EEG: A comparative study of functional connectivity measures. <i>Computers in Biology and Medicine</i> , 2019, 105, 1-15.	7.0	38
6	Temporal stability and specificity of high bipolar electrogram entropy regions in sustained atrial fibrillation: Implications for mapping. <i>Journal of Electrocardiology</i> , 2019, 53, 18-27.	0.9	6
7	Improved artefact removal from EEG using Canonical Correlation Analysis and spectral slope. <i>Journal of Neuroscience Methods</i> , 2018, 298, 1-15.	2.5	29
8	Towards Detecting Connectivity in EEG: A Comparative Study of Parameters of Effective Connectivity Measures on Simulated Data. , 2018, , .		0
9	Beamforming and Blind Source Separation Have a Complementary Effect in Reducing Tonic Cranial Muscle Contamination of Scalp Measurements. , 2018, , .		0
10	Information Theory and Atrial Fibrillation (AF): A Review. <i>Frontiers in Physiology</i> , 2018, 9, 957.	2.8	23
11	Resting cranial and upper cervical muscle activity is increased in patients with migraine. <i>Clinical Neurophysiology</i> , 2018, 129, 1913-1919.	1.5	7
12	How Many Channels are Enough? Evaluation of Tonic Cranial Muscle Artefact Reduction Using ICA with Different Numbers of EEG Channels. , 2018, , .		4
13	Evaluation of a minimum-norm based beamforming technique, sLORETA, for reducing tonic muscle contamination of EEG at sensor level. <i>Journal of Neuroscience Methods</i> , 2017, 288, 17-28.	2.5	9
14	A Tool for Educating Global Health Practitioners: the Curriculum Design Compass. <i>MedEdPublish</i> , 2017, 6, .	0.3	1
15	Electroencephalographic correlates of states of concentrative meditation. <i>International Journal of Psychophysiology</i> , 2016, 110, 27-39.	1.0	38
16	A comparison of independent component analysis algorithms and measures to discriminate between EEG and artifact components. , 2016, 2016, 825-828.		5
17	EEG source analysis of data from paralysed subjects. , 2015, , .		0
18	Constitutive spectral EEG peaks in the gamma range: suppressed by sleep, reduced by mental activity and resistant to sensory stimulation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 927.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Detection of coupling with linear and nonlinear synchronization measures for EEG. , 2014, , .		1
20	Spreading depression: Evidence of five electroencephalogram phases. Journal of Neuroscience Research, 2014, 92, 1384-1394.	2.9	4
21	A comparative study of the detection of direct causal influence with bivariate and multivariate measures for EEG. , 2014, , .		1
22	Surface Laplacian of Central Scalp Electrical Signals is Insensitive to Muscle Contamination. IEEE Transactions on Biomedical Engineering, 2013, 60, 4-9.	4.2	60
23	Visual Experiences during Paralysis. Frontiers in Human Neuroscience, 2011, 5, 160.	2.0	15
24	EEG spindles in the rat: Evidence for a synchronous network phenomenon. Epilepsy Research, 2010, 89, 194-206.	1.6	3
25	Relation of Gamma Oscillations in Scalp Recordings to Muscular Activity. Brain Topography, 2009, 22, 13-17.	1.8	67
26	Cell swelling precedes seizures induced by inhibition of astrocytic metabolism. Epilepsy Research, 2008, 80, 132-141.	1.6	35
27	Thinking activates EMG in scalp electrical recordings. Clinical Neurophysiology, 2008, 119, 1166-1175.	1.5	150
28	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
29	Preseizure increased gamma electroencephalographic activity has no effect on extracellular potassium or calcium. Journal of Neuroscience Research, 2007, 85, 906-918.	2.9	6
30	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
31	Physiological and pathological spindling phenomena have similar regional EEG power distributions. Brain Research, 2004, 1008, 92-106.	2.2	21
32	Supramolecular Mn(II) and Mn(II)/Mn(III) Grid Complexes with [Mn <sub>9</sub> ( $\mu$ <sub>4</sub> -O) <sub>12</sub> ] Core Structures. Structural, Magnetic, and Redox Properties and Surface Studies. Inorganic Chemistry, 2004, 43, 3812-3824.	4.0	56
33	Scanning tunneling microscopy investigation of nonanuclear [3 x 3] MnII-supramolecular grids. , 2004, , .		3
34	Avoiding the dangers of averaging across subjects when using multidimensional scaling. Journal of Mathematical Psychology, 2003, 47, 32-46.	1.8	24
35	Mental Tasks Induce Gamma EEG with Reduced Responsiveness in Primary Generalized Epilepsies. Epilepsia, 2003, 44, 1406-1412.	5.1	19
36	Imaging molecular adsorbates using scanning tunnelling microscopy and image processing. Smart Materials and Structures, 2002, 11, 679-685.	3.5	1

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37	<title>Imaging molecular adsorbates using scanning tunneling microscopy and image processing</title>. , 2001, 4590, 221.		0