

Tom Å; Sieger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9555844/publications.pdf>

Version: 2024-02-01

42
papers

766
citations

566801

15
h-index

552369

26
g-index

45
all docs

45
docs citations

45
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	The complex syndrome of functional neurological disorder. <i>Psychological Medicine</i> , 2023, 53, 3157-3167.	2.7	13
2	GPU-Accelerated Mahalanobis-Average Hierarchical Clustering Analysis. <i>Lecture Notes in Computer Science</i> , 2021, , 580-595.	1.0	0
3	Nucleoporin TPR Affects C2C12 Myogenic Differentiation via Regulation of Myh4 Expression. <i>Cells</i> , 2021, 10, 1271.	1.8	3
4	The effects of interventional mitral valve repair using the MitraClip System on the results of pulmonary function testing, pulmonary pressure and diffusing capacity of the lung. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 235.	0.7	1
5	Associations of Brain Atrophy and Cerebral Iron Accumulation at MRI with Clinical Severity in Wilson Disease. <i>Radiology</i> , 2021, 299, 662-672.	3.6	22
6	Speech Perception and Production in Cochlear Implant Recipients with Pendred Syndrome. , 2021, 38, 244-248.		1
7	The sensitivity of ECG contamination to surgical implantation site in brain computer interfaces. <i>Brain Stimulation</i> , 2021, 14, 1301-1306.	0.7	43
8	Disease progression of 213 patients hospitalized with Covid-19 in the Czech Republic in March–October 2020: An exploratory analysis. <i>PLoS ONE</i> , 2021, 16, e0245103.	1.1	1
9	ShinySOM: graphical SOM-based analysis of single-cell cytometry data. <i>Bioinformatics</i> , 2020, 36, 3288-3289.	1.8	5
10	Eye movements in idiopathic rapid eye movement sleep behaviour disorder: High antisaccade error rate reflects prefrontal cortex dysfunction. <i>Journal of Sleep Research</i> , 2019, 28, e12742.	1.7	17
11	Prepulse inhibition of the blink reflex is abnormal in functional movement disorders. <i>Movement Disorders</i> , 2019, 34, 1022-1030.	2.2	10
12	Nuclear pore protein TPR associates with lamin B1 and affects nuclear lamina organization and nuclear pore distribution. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2199-2216.	2.4	16
13	Topography of emotional valence and arousal within the motor part of the subthalamic nucleus in Parkinson's disease. <i>Scientific Reports</i> , 2019, 9, 19924.	1.6	5
14	Relapse in schizophrenia: Definitely not a bolt from the blue. <i>Neuroscience Letters</i> , 2018, 669, 68-74.	1.0	27
15	Chromatin organization at the nuclear periphery as revealed by image analysis of structured illumination microscopy data. <i>Journal of Cell Science</i> , 2017, 130, 2066-2077.	1.2	22
16	GABA spectra and remote distractor effect in progressive supranuclear palsy: A pilot study. <i>Revue Neurologique</i> , 2017, 173, 225-229.	0.6	2
17	Methods for automatic detection of artifacts in microelectrode recordings. <i>Journal of Neuroscience Methods</i> , 2017, 290, 39-51.	1.3	18
18	Interactive Dendrograms: The <i>R</i> Packages <i>idendro</i> and <i>idendr</i> . <i>Journal of Statistical Software</i> , 2017, 76, .	1.8	6

#	ARTICLE	IF	CITATIONS
19	Chromatin organization at the nuclear periphery as revealed by image analysis of structured illumination microscopy data. <i>Development (Cambridge)</i> , 2017, 144, e1.2-e1.2.	1.2	0
20	Antisaccades and vergence abnormalities in functional movement disorders: A video-oculographic study. <i>Movement Disorders</i> , 2016, 31, 1072-1073.	2.2	3
21	Probabilistic Model of Neuronal Background Activity in Deep Brain Stimulation Trajectories. <i>Lecture Notes in Computer Science</i> , 2016, , 97-111.	1.0	2
22	External validation of extended prostate biopsy nomogram. <i>Central European Journal of Urology</i> , 2015, 68, 148-52.	0.2	0
23	Supervised segmentation of microelectrode recording artifacts using power spectral density. , 2015, 2015, 1524-7.		4
24	Fast vergence eye movements are disrupted in Parkinson's disease: A video-oculography study. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 797-799.	1.1	27
25	Distinct populations of neurons respond to emotional valence and arousal in the human subthalamic nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3116-3121.	3.3	48
26	Predicting Falls in Parkinson Disease: What Is the Value of Instrumented Testing in OFF Medication State?. <i>PLoS ONE</i> , 2015, 10, e0139849.	1.1	34
27	Eye Movements in Ephedrone-Induced Parkinsonism. <i>PLoS ONE</i> , 2014, 9, e104784.	1.1	15
28	Disorders of Balance and Gait in Essential Tremor Are Associated with Midline Tremor and Age. <i>Cerebellum</i> , 2013, 12, 27-34.	1.4	61
29	Horizontal and vertical eye movement metrics: What is important?. <i>Clinical Neurophysiology</i> , 2013, 124, 2216-2229.	0.7	38
30	Sex, Food and Threat: Startling Changes after Subthalamic Stimulation in Parkinson's Disease. <i>Brain Stimulation</i> , 2013, 6, 740-745.	0.7	18
31	Motor Matters: Tackling Heterogeneity of Parkinson's Disease in Functional MRI Studies. <i>PLoS ONE</i> , 2013, 8, e56133.	1.1	10
32	Basal Ganglia Neuronal Activity during Scanning Eye Movements in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e78581.	1.1	13
33	Cortical pattern of complex but not simple movements is affected in writer's cramp: A parametric event-related fMRI study. <i>Clinical Neurophysiology</i> , 2012, 123, 755-763.	0.7	16
34	Wrapper feature selection for small sample size data driven by complete error estimates. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 138-150.	2.6	15
35	Accounting for Movement Increases Sensitivity in Detecting Brain Activity in Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e36271.	1.1	9
36	A Loud Auditory Stimulus Overcomes Voluntary Movement Limitation in Cervical Dystonia. <i>PLoS ONE</i> , 2012, 7, e46586.	1.1	5

#	ARTICLE	IF	CITATIONS
37	The Subthalamic Microlesion Story in Parkinson's Disease: Electrode Insertion-Related Motor Improvement with Relative Cortico-Subcortical Hypoactivation in fMRI. PLoS ONE, 2012, 7, e49056.	1.1	51
38	Performance comparison of extracellular spike sorting algorithms for single-channel recordings. Journal of Neuroscience Methods, 2012, 203, 369-376.	1.3	64
39	Detection and monitoring of normal and leukemic cell populations with hierarchical clustering of flow cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 25-34.	1.1	39
40	Abnormal Activity in the Precuneus during Time Perception in Parkinson's Disease: An fMRI Study. PLoS ONE, 2012, 7, e29635.	1.1	34
41	Subthalamic nucleus stimulation affects incentive salience attribution in Parkinson's disease. Movement Disorders, 2011, 26, 2260-2266.	2.2	42
42	MRD Monitoring of Childhood ALL Using Hierarchical Clustering and Support Vector Machine Learning of Complex Multi-Parameter Flow Cytometry Data.. Blood, 2008, 112, 1508-1508.	0.6	3