

Eric Larson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9470921/publications.pdf>

Version: 2024-02-01

40
papers

21,659
citations

516561

16
h-index

360920

35
g-index

45
all docs

45
docs citations

45
times ranked

30220
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Theta Sampling in Infants at Risk for Dyslexia across the Sensitive Period of Native Phoneme Learning. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1180.	1.2	2
2	Intracranial Electrode Location and Analysis in MNE-Python. <i>Journal of Open Source Software</i> , 2022, 7, 3897.	2.0	10
3	Improving Localization Accuracy of Neural Sources by Pre-processing: Demonstration With Infant MEG Data. <i>Frontiers in Neurology</i> , 2022, 13, 827529.	1.1	3
4	Infant brain imaging using magnetoencephalography: Challenges, solutions, and best practices. <i>Human Brain Mapping</i> , 2022, 43, 3609-3619.	1.9	4
5	Extended Signal-Space Separation Method for Improved Interference Suppression in MEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2211-2221.	2.5	6
6	Unified Expression of the Quasi-Static Electromagnetic Field: Demonstration With MEG and EEG Signals. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 992-1004.	2.5	3
7	Auditory deficits in infants at risk for dyslexia during a linguistic sensitive period predict future language. <i>NeuroImage: Clinical</i> , 2021, 30, 102578.	1.4	7
8	Structural templates for imaging EEG cortical sources in infants. <i>NeuroImage</i> , 2021, 227, 117682.	2.1	15
9	Analysis methods for measuring passive auditory fNIRS responses generated by a block-design paradigm. <i>Neurophotonics</i> , 2021, 8, 025008.	1.7	41
10	Auditory Attention Deployment in Young Adults with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, , 1.	1.7	8
11	Effectively combining temporal projection noise suppression methods in magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2020, 341, 108700.	1.3	9
12	SciPy 1.0: fundamental algorithms for scientific computing in Python. <i>Nature Methods</i> , 2020, 17, 261-272.	9.0	17,539
13	Neural Switch Asymmetry in Feature-Based Auditory Attention Tasks. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019, 20, 205-215.	0.9	3
14	MNE-BIDS: Organizing electrophysiological data into the BIDS format and facilitating their analysis. <i>Journal of Open Source Software</i> , 2019, 4, 1896.	2.0	65
15	Infant brain responses to felt and observed touch of hands and feet: an <sc>MEG</sc> study. <i>Developmental Science</i> , 2018, 21, e12651.	1.3	79
16	Reducing Sensor Noise in MEG and EEG Recordings Using Oversampled Temporal Projection. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1002-1013.	2.5	43
17	A Reproducible MEG/EEG Group Study With the MNE Software: Recommendations, Quality Assessments, and Good Practices. <i>Frontiers in Neuroscience</i> , 2018, 12, 530.	1.4	82
18	Pupillometry shows the effort of auditory attention switching. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 2440-2451.	0.5	28

#	ARTICLE	IF	CITATIONS
19	The Importance of Properly Compensating for Head Movements During MEG Acquisition Across Different Age Groups. <i>Brain Topography</i> , 2017, 30, 172-181.	0.8	25
20	Incorporating modern neuroscience findings to improve brain-computer interfaces: tracking auditory attention. <i>Journal of Neural Engineering</i> , 2016, 13, 056017.	1.8	6
21	Mind the Noise Covariance When Localizing Brain Sources with M/EEG. , 2015, , .		8
22	Leveraging anatomical information to improve transfer learning in brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2015, 12, 046027.	1.8	24
23	Potential Use of MEG to Understand Abnormalities in Auditory Function in Clinical Populations. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 151.	1.0	7
24	Switching auditory attention using spatial and non-spatial features recruits different cortical networks. <i>NeuroImage</i> , 2014, 84, 681-687.	2.1	36
25	Effects of augmentative visual training on audio-motor mapping. <i>Human Movement Science</i> , 2014, 35, 145-155.	0.6	4
26	MNE software for processing MEG and EEG data. <i>NeuroImage</i> , 2014, 86, 446-460.	2.1	1,431
27	Combined Auditory and Vibrotactile Feedback for Human-Machine-Interface Control. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 62-68.	2.7	6
28	Using neuroimaging to understand the cortical mechanisms of auditory selective attention. <i>Hearing Research</i> , 2014, 307, 111-120.	0.9	86
29	The cortical dynamics underlying effective switching of auditory spatial attention. <i>NeuroImage</i> , 2013, 64, 365-370.	2.1	51
30	Influence of preparation time and pitch separation in switching of auditory attention between streams. <i>Journal of the Acoustical Society of America</i> , 2013, 134, EL165-EL171.	0.5	17
31	Towards a next-generation hearing aid through brain state classification and modeling. , 2013, 2013, 2808-11.		1
32	The role of augmentative visual training in auditory human-machine-interface performance. , 2013, 2013, 2804-7.		0
33	Auditory Selective Attention Reveals Preparatory Activity in Different Cortical Regions for Selection Based on Source Location and Source Pitch. <i>Frontiers in Neuroscience</i> , 2013, 6, 190.	1.4	60
34	MEG and EEG data analysis with MNE-Python. <i>Frontiers in Neuroscience</i> , 2013, 7, 267.	1.4	1,864
35	Categorical Vowel Perception Enhances the Effectiveness and Generalization of Auditory Feedback in Human-Machine-Interfaces. <i>PLoS ONE</i> , 2013, 8, e59860.	1.1	9
36	Audio-visual feedback for electromyographic control of vowel synthesis. , 2012, 2012, 3600-3.		5

#	ARTICLE	IF	CITATIONS
37	Mapping Cortical Dynamics Using Simultaneous MEG/EEG and Anatomically-constrained Minimum-norm Estimates: an Auditory Attention Example. <i>Journal of Visualized Experiments</i> , 2012, , e4262.	0.2	14
38	Neuron-Specific Stimulus Masking Reveals Interference in Spike Timing at the Cortical Level. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 81-89.	0.9	3
39	A Robust and Biologically Plausible Spike Pattern Recognition Network. <i>Journal of Neuroscience</i> , 2010, 30, 15566-15572.	1.7	18
40	A Biologically Plausible Computational Model for Auditory Object Recognition. <i>Journal of Neurophysiology</i> , 2009, 101, 323-331.	0.9	24