Julia M Stephen

List of Publications by Year
in descending order

161 papers	4,532 citations	126907 33 h-index	144013 57 g-index
165 all docs	165 docs citations	165 times ranked	6113 citing authors

#	Article	IF	Citations
1	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	1.3	627
2	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142.	4.3	183
3	Replicability of time-varying connectivity patterns in large resting state fMRI samples. NeuroImage, 2017, 163, 160-176.	4.2	163
4	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. NeuroImage, 2014, 97, 117-126.	4.2	151
5	A 20-channel magnetoencephalography system based on optically pumped magnetometers. Physics in Medicine and Biology, 2017, 62, 8909-8923.	3.0	134
6	Resting state connectivity differences in eyes open versus eyes closed conditions. Human Brain Mapping, 2019, 40, 2488-2498.	3.6	133
7	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. Neuroinformatics, 2017, 15, 343-364.	2.8	131
8	Non-Invasive Functional-Brain-Imaging with an OPM-based Magnetoencephalography System. PLoS ONE, 2020, 15, e0227684.	2.5	97
9	Changing brain connectivity dynamics: From early childhood to adulthood. Human Brain Mapping, 2018, 39, 1108-1117.	3.6	80
10	Development of Mu Rhythm in Infants and Preschool Children. Developmental Neuroscience, 2011, 33, 130-143.	2.0	77
11	Maturation of somatosensory cortical processing from birth to adulthood revealed by magnetoencephalography. Clinical Neurophysiology, 2009, 120, 1552-1561.	1.5	74
12	The lifespan trajectory of neural oscillatory activity in the motor system. Developmental Cognitive Neuroscience, 2018, 30, 159-168.	4.0	74
13	Multistart Algorithms for MEG Empirical Data Analysis Reliably Characterize Locations and Time Courses of Multiple Sources. NeuroImage, 2000, 12, 159-172.	4.2	69
14	Multimodal Classification of Schizophrenia Patients with MEG and fMRI Data Using Static and Dynamic Connectivity Measures. Frontiers in Neuroscience, 2016, 10, 466.	2.8	68
15	The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. Human Brain Mapping, 2019, 40, 3058-3077.	3.6	67
16	Aging-related changes in auditory and visual integration measured with MEG. Neuroscience Letters, 2010, 484, 76-80.	2.1	62
17	Sources on the anterior and posterior banks of the central sulcus identified from magnetic somatosensory evoked responses using Multi-Start Spatio-Temporal localization. Human Brain Mapping, 2000, 11, 59-76.	3.6	61
18	Delays in Auditory Processing Identified in Preschool Children with <scp>FASD</scp>. Alcoholism: Clinical and Experimental Research, 2012, 36, 1720-1727.	2.4	61

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19	Somatosensory responses in normal aging, mild cognitive impairment, and Alzheimerâ€™s disease. Journal of Neural Transmission, 2010, 117, 217-225.	2.8	60
20	Central versus peripheral visual field stimulation results in timing differences in dorsal stream sources as measured with MEG. Vision Research, 2002, 42, 3059-3074.	1.4	54
21	Cross-Axis projection error in optically pumped magnetometers and its implication for magnetoencephalography systems. NeuroImage, 2022, 247, 118818.	4.2	53
22	Aging: Compensation or maturation?. NeuroImage, 2006, 32, 1891-1904.	4.2	51
23	The developmental trajectory of sensorimotor cortical oscillations. NeuroImage, 2019, 184, 455-461.	4.2	50
24	Using joint ICA to link function and structure using MEG and DTI in schizophrenia. NeuroImage, 2013, 83, 418-430.	4.2	47
25	Unisensory processing and multisensory integration in schizophrenia: A high-density electrical mapping study. Neuropsychologia, 2011, 49, 3178-3187.	1.6	46
26	Development and Decline of Memory Functions in Normal, Pathological and Healthy Successful Aging. Brain Topography, 2011, 24, 323-339.	1.8	46
27	MEG response to median nerve stimulation correlates with recovery of sensory and motor function after stroke. Clinical Neurophysiology, 2004, 115, 820-833.	1.5	42
28	A practical approach to incidental findings in neuroimaging research. Neurology, 2011, 77, 2123-2127.	1.1	42
29	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. NeuroImage, 2017, 145, 96-106.	4.2	42
30	Modeling conflict and error in the medial frontal cortex. Human Brain Mapping, 2012, 33, 2843-2855.	3.6	41
31	Differentiability of simulated MEG hippocampal, medial temporal and neocortical temporal epileptic spike activity. Journal of Clinical Neurophysiology, 2005, 22, 388-401.	1.7	41
32	Aging changes and gender differences in response to median nerve stimulation measured with MEG. Clinical Neurophysiology, 2006, 117, 131-143.	1.5	38
33	Association between prenatal opioid exposure, neonatal opioid withdrawal syndrome, and neurodevelopmental and behavioral outcomes at 5â€“8 months of age. Early Human Development, 2019, 128, 69-76.	1.8	37
34	Neural dynamics of verbal working memory processing in children and adolescents. NeuroImage, 2019, 185, 191-197.	4.2	37
35	Multi-Hypergraph Learning-Based Brain Functional Connectivity Analysis in fMRI Data. IEEE Transactions on Medical Imaging, 2020, 39, 1746-1758.	8.9	36
36	Diminished auditory sensory gating during active auditory verbal hallucinations. Schizophrenia Research, 2017, 188, 125-131.	2.0	34

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37	The Developmental Chronnecto-Genomics (Dev-CoG) study: A multimodal study on the developing brain. NeuroImage, 2021, 225, 117438.	4.2	34
38	Estimation of Dynamic Sparse Connectivity Patterns From Resting State fMRI. IEEE Transactions on Medical Imaging, 2018, 37, 1224-1234.	8.9	33
39	Estimating Dynamic Functional Brain Connectivity With a Sparse Hidden Markov Model. IEEE Transactions on Medical Imaging, 2020, 39, 488-498.	8.9	33
40	Primary visual response (M100) delays in adolescents with FASD as measured with MEG. Human Brain Mapping, 2013, 34, 2852-2862.	3.6	32
41	Capturing Dynamic Connectivity From Resting State fMRI Using Time-Varying Graphical Lasso. IEEE Transactions on Biomedical Engineering, 2019, 66, 1852-1862.	4.2	32
42	Reliability of the NIH toolbox cognitive battery in children and adolescents: a 3-year longitudinal examination. Psychological Medicine, 2022, 52, 1718-1727.	4.5	32
43	MEG-SIM: A Web Portal for Testing MEG Analysis Methods using Realistic Simulated and Empirical Data. Neuroinformatics, 2012, 10, 141-158.	2.8	31
44	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. Schizophrenia Bulletin, 2019, 45, 222-232.	4.3	31
45	Temporal dynamics of age-related differences in auditory incidental verbal learning. Cognitive Brain Research, 2005, 24, 1-18.	3.0	30
46	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. IEEE Transactions on Medical Imaging, 2021, 40, 1474-1483.	8.9	30
47	An Event-related fMRI Study of Exogenous Facilitation and Inhibition of Return in the Auditory Modality. Journal of Cognitive Neuroscience, 2007, 19, 455-467.	2.3	29
48	Development of Auditory Evoked Responses in Normally Developing Preschool Children and Children with Autism Spectrum Disorder. Developmental Neuroscience, 2017, 39, 430-441.	2.0	29
49	Different strategies for auditory word recognition in healthy versus normal aging. NeuroImage, 2010, 49, 3319-3330.	4.2	28
50	Granger causal time-dependent source connectivity in the somatosensory network. Scientific Reports, 2015, 5, 10399.	3.3	28
51	Same task, different strategies: How brain networks can be influenced by memory strategy. Human Brain Mapping, 2014, 35, 5127-5140.	3.6	27
52	A Manifold Regularized Multi-Task Learning Model for IQ Prediction From Two fMRI Paradigms. IEEE Transactions on Biomedical Engineering, 2020, 67, 796-806.	4.2	27
53	Multidipole Analysis of Simulated Epileptic Spikes With Real Background Activity. Journal of Clinical Neurophysiology, 2003, 20, 1-16.	1.7	26
54	Age-related effects on superior temporal gyrus activity during an auditory oddball task. NeuroReport, 2005, 16, 1075-1079.	1.2	25

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55	Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. Frontiers in Psychiatry, 2017, 8, 179.	2.6	25
56	Alternating Diffusion Map Based Fusion of Multimodal Brain Connectivity Networks for IQ Prediction. IEEE Transactions on Biomedical Engineering, 2019, 66, 2140-2151.	4.2	25
57	Fused Estimation of Sparse Connectivity Patterns From Rest fMRIâ€"Application to Comparison of Children and Adult Brains. IEEE Transactions on Medical Imaging, 2018, 37, 2165-2175.	8.9	24
58	Prevalence of alcohol use in pregnant women with substance use disorder. Drug and Alcohol Dependence, 2018, 187, 305-310.	3.2	23
59	Neural oscillatory dynamics serving abstract reasoning reveal robust sex differences in typically-developing children and adolescents. Developmental Cognitive Neuroscience, 2020, 42, 100770.	4.0	23
60	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	3.6	23
61	Task relevance enhances early transient and late slow-wave activity of distributed cortical sources. Journal of Computational Neuroscience, 2003, 15, 203-221.	1.0	22
62	N-BiC: A Method for Multi-Component and Symptom Biclustering of Structural MRI Data: Application to Schizophrenia. IEEE Transactions on Biomedical Engineering, 2020, 67, 110-121.	4.2	22
63	Dynamic Resting-State Connectivity Differences in Eyes Open Versus Eyes Closed Conditions. Brain Connectivity, 2020, 10, 504-519.	1.7	22
64	The effect of prenatal substance use and maternal contingent responsiveness on infant affect. Early Human Development, 2017, 115, 51-59.	1.8	21
65	MEG biomarker of Alzheimer's disease: Absence of a prefrontal generator during auditory sensory gating. Human Brain Mapping, 2017, 38, 5180-5194.	3.6	20
66	Functional MRI Evaluation of Multiple Neural Networks Underlying Auditory Verbal Hallucinations in Schizophrenia Spectrum Disorders. Frontiers in Psychiatry, 2016, 7, 39.	2.6	19
67	Brain Development Includes Linear and Multiple Nonlinear Trajectories: A Cross-Sectional Resting-State Functional Magnetic Resonance Imaging Study. Brain Connectivity, 2019, 9, 777-788.	1.7	19
68	Reduced parietal alpha power and psychotic symptoms: Test-retest reliability of resting-state magnetoencephalography in schizophrenia and healthy controls. Schizophrenia Research, 2020, 215, 229-240.	2.0	19
69	Spontaneous cortical MEG activity undergoes unique age- and sex-related changes during the transition to adolescence. NeuroImage, 2021, 244, 118552.	4.2	19
70	Ethanol, Neurodevelopment, Infant and Child Health (ENRICH) prospective cohort: Study design considerations. Advances in Pediatric Research, 2015, 2, .	2.0	19
71	Pubertal Testosterone Tracks the Developmental Trajectory of Neural Oscillatory Activity Serving Visuospatial Processing. Cerebral Cortex, 2020, 30, 5960-5971.	2.9	18
72	Differences in MEG gamma oscillatory power during performance of a prosaccade task in adolescents with FASD. Frontiers in Human Neuroscience, 2013, 7, 900.	2.0	16

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73	Modulatory role of the prefrontal generator within the auditory M50 network. NeuroImage, 2014, 92, 120-131.	4.2	16
74	Dysfunctional error-related processing in incarcerated youth with elevated psychopathic traits. Developmental Cognitive Neuroscience, 2016, 19, 70-77.	4.0	16
75	Development and sex modulate visuospatial oscillatory dynamics in typically-developing children and adolescents. NeuroImage, 2020, 221, 117192.	4.2	16
76	Neural oscillations underlying selective attention follow sexually divergent developmental trajectories during adolescence. Developmental Cognitive Neuroscience, 2021, 49, 100961.	4.0	16
77	Investigation of the normal proximal somatomotor system using magnetoencephalography. Clinical Neurophysiology, 2003, 114, 1781-1792.	1.5	15
78	Characterization of a normal control group: Are they healthy?. NeuroImage, 2014, 84, 796-809.	4.2	15
79	Parietal Oscillatory Dynamics Mediate Developmental Improvement in Motor Performance. Cerebral Cortex, 2020, 30, 6405-6414.	2.9	15
80	Hypersynchrony in MEG spectral amplitude in prospectively-identified 6-month-old infants prenatally exposed to alcohol. NeuroImage: Clinical, 2018, 17, 826-834.	2.7	14
81	Refined measure of functional connectomes for improved identifiability and prediction. Human Brain Mapping, 2019, 40, 4843-4858.	3.6	13
82	Self-regulation and emotional reactivity in infants with prenatal exposure to opioids and alcohol. Early Human Development, 2020, 148, 105119.	1.8	13
83	Multisensory stimuli elicit altered oscillatory brain responses at gamma frequencies in patients with schizophrenia. Frontiers in Human Neuroscience, 2014, 8, 788.	2.0	12
84	Dietary Intake Among Opioid- and Alcohol-Using Pregnant Women. Substance Use and Misuse, 2018, 53, 260-269.	1.4	11
85	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. Journal of Neuroscience Methods, 2020, 332, 108531.	2.5	11
86	Multiview Diffusion Map Improves Prediction of Fluid Intelligence With Two Paradigms of fMRI Analysis. IEEE Transactions on Biomedical Engineering, 2021, 68, 2529-2539.	4.2	11
87	Eyes-closed versus eyes-open differences in spontaneous neural dynamics during development. NeuroImage, 2022, 258, 119337.	4.2	11
88	Unisensory and Multisensory Responses in Fetal Alcohol Spectrum Disorders (FASD): Effects of Spatial Congruence. Neuroscience, 2020, 430, 34-46.	2.3	10
89	Altered Restingâ€State Neural Oscillations and Spectral Power in Children with Fetal Alcohol Spectrum Disorder. Alcoholism: Clinical and Experimental Research, 2021, 45, 117-130.	2.4	10
90	Developmental trajectory of MEG resting-state oscillatory activity in children and adolescents: a longitudinal reliability study. Cerebral Cortex, 2022, 32, 5404-5419.	2.9	10

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91	Calibration and Localization of Optically Pumped Magnetometers Using Electromagnetic Coils. Sensors, 2022, 22, 3059.	3.8	10
92	Altered Neural Oscillations During Multisensory Integration in Adolescents with Fetal Alcohol Spectrum Disorder. Alcoholism: Clinical and Experimental Research, 2017, 41, 2173-2184.	2.4	9
93	Role of caregiver-reported outcomes in identification of children with prenatal alcohol exposure during the first year of life. Pediatric Research, 2018, 84, 362-370.	2.3	9
94	Frequency-Following and Connectivity of Different Visual Areas in Response to Contrast-Reversal Stimulation. Brain Topography, 2006, 18, 257-272.	1.8	8
95	Association between theta power in 6-month old infants at rest and maternal PTSD severity: A pilot study. Neuroscience Letters, 2016, 630, 120-126.	2.1	8
96	Modular and state-relevant functional network connectivity in high-frequency eyes open vs eyes closed resting fMRI data. Journal of Neuroscience Methods, 2021, 358, 109202.	2.5	8
97	Prevalence of marijuana use in pregnant women with concurrent opioid use disorder or alcohol use in pregnancy. Addiction Science & Clinical Practice, 2022, 17, 3.	2.6	8
98	Hippocampal and parahippocampal volumes vary by sex and traumatic life events in children. Journal of Psychiatry and Neuroscience, 2020, 45, 288-297.	2.4	7
99	Multi-Paradigm fMRI Fusion via Sparse Tensor Decomposition in Brain Functional Connectivity Study. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1712-1723.	6.3	7
100	Sexually dimorphic development in the cortical oscillatory dynamics serving early visual processing. Developmental Cognitive Neuroscience, 2021, 50, 100968.	4.0	7
101	Subclinical Anxiety and Posttraumatic Stress Influence Cortical Thinning During Adolescence. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1288-1299.	0.5	7
102	Testâ€“Retest Reliability of Magnetoencephalography Resting-State Functional Connectivity in Schizophrenia. Frontiers in Psychiatry, 2020, 11, 551952.	2.6	7
103	Examining the effects of prenatal alcohol exposure on corticothalamic connectivity: A multimodal neuroimaging study in children. Developmental Cognitive Neuroscience, 2021, 52, 101019.	4.0	7
104	Auditory and somatosensory integration in infants. International Congress Series, 2007, 1300, 107-110.	0.2	6
105	Integration of network topological features and graph Fourier transform for fMRI data analysis. , 2018, , .		6
106	Neuroimaging investigations of dorsal stream processing and effects of stimulus synchrony in schizophrenia. Psychiatry Research - Neuroimaging, 2018, 278, 56-64.	1.8	6
107	Quantitative assessment of cerebral connectivity deficiency and cognitive impairment in children with prenatal alcohol exposure. Chaos, 2019, 29, 041101.	2.5	6
108	Traumatic Events Are Associated with Diverse Psychological Symptoms in Typically-Developing Children. Journal of Child and Adolescent Trauma, 2020, 13, 381-388.	1.9	6

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109	Disparities in breastfeeding outcomes among women with opioid use disorder. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 1064-1066.	1.5	6
110	Covariation Between Brain Function (MEG) and Structure (DTI) Differentiates Adolescents with Fetal Alcohol Spectrum Disorder from Typically Developing Controls. Neuroscience, 2020, 449, 74-87.	2.3	6
111	Best Practices for Engaging Pregnant and Postpartum Women at Risk of Substance Use in Longitudinal Research Studies: a Qualitative Examination of Participant Preferences. Adversity and Resilience Science, 2020, 1, 235-246.	2.6	5
112	Examining brain maturation during adolescence using graph Laplacian learning based Fourier transform. Journal of Neuroscience Methods, 2020, 338, 108649.	2.5	5
113	Correlation Guided Graph Learning to Estimate Functional Connectivity Patterns From fMRI Data. IEEE Transactions on Biomedical Engineering, 2021, 68, 1154-1165.	4.2	5
114	Disruptions in global network segregation and integration in adolescents and young adults with fetal alcohol spectrum disorder. Alcoholism: Clinical and Experimental Research, 2021, 45, 1775-1789.	2.4	5
115	MEG-SIM Portal: Reconstructions from Realistic Simulations of Sensory and Cognitive Processing. IFMBE Proceedings, 2010, , 132-135.	0.3	5
116	Stability of functional network connectivity (FNC) values across multiple spatial normalization pipelines in spatially constrained independent component analysis. , 2021, , .		5
117	Trauma moderates the development of the oscillatory dynamics serving working memory in a sex-specific manner. Cerebral Cortex, 2022, 32, 5206-5215.	2.9	5
118	Amygdala and hippocampal subregions mediate outcomes following trauma during typical development: Evidence from high-resolution structural MRI. Neurobiology of Stress, 2022, 18, 100456.	4.0	5
119	The impact of pubertal <scp>DHEA</scp> on the development of visuospatial oscillatory dynamics. Human Brain Mapping, 2022, 43, 5154-5166.	3.6	5
120	Facilitating Neuronal Connectivity Analysis of Evoked Responses by Exposing Local Activity with Principal Component Analysis Preprocessing: Simulation of Evoked MEG. Brain Topography, 2013, 26, 201-211.	1.8	4
121	Joint Bayesian-Incorporating Estimation of Multiple Gaussian Graphical Models to Study Brain Connectivity Development in Adolescence. IEEE Transactions on Medical Imaging, 2020, 39, 357-365.	8.9	4
122	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 3290-3299.	8.9	4
123	Restingâ€state functional connectivity of the human hippocampus in periadolescent children: Associations with age and memory performance. Human Brain Mapping, 2021, 42, 3620-3642.	3.6	4
124	Left amygdala structure mediates longitudinal associations between exposure to threat and longâ€term psychiatric symptomatology in youth. Human Brain Mapping, 2022, 43, 4091-4102.	3.6	4
125	Decreased resting-state alpha peak frequency in children and adolescents with fetal alcohol spectrum disorders or prenatal alcohol exposure. Developmental Cognitive Neuroscience, 2022, 57, 101137.	4.0	4
126	Fused estimation of sparse connectivity patterns from rest fMRI. , 2017, , .		3

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127	Using Gradient as a New Metric for Dynamic Connectivity Estimation from Resting fMRI Data. , 2019, , .		3
128	Functional network estimation using multigraph learning with application to brain maturation study. Human Brain Mapping, 2021, 42, 2880-2892.	3.6	3
129	Frontoparietal network and neuropsychological measures in typically developing children. Neuropsychologia, 2021, 159, 107914.	1.6	3
130	Pediatric MEG: Investigating Spatio-Temporal Connectivity of Developing Networks. , 2014, , 525-555.		3
131	Individual differences in amygdala volumes predict changes in functional connectivity between subcortical and cognitive control networks throughout adolescence. NeuroImage, 2022, 247, 118852.	4.2	3
132	Longitudinal changes in the neural oscillatory dynamics underlying abstract reasoning in children and adolescents. NeuroImage, 2022, 253, 119094.	4.2	3
133	Sensory load hierarchy-based classification of schizophrenia patients. , 2015, , .		2
134	Neuropsychological analysis of auditory verbal hallucinations. Schizophrenia Research, 2018, 192, 459-460.	2.0	2
135	Amplitude by Peak Interaction but No Evidence of Auditory Mismatch Response Deficits to Frequency Change in Preschoolâ€Aged Children with Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2018, 42, 1486-1492.	2.4	2
136	Designing MEG Experiments. , 2019, , 205-235.		2
137	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2014, , 285-307.		2
138	Designing MEG Experiments. , 2014, , 129-159.		2
139	School-aged children diagnosed with an FASD exhibit visuo-cortical network disturbance: A magnetoencephalography (MEG) study. Alcohol, 2022, 99, 59-69.	1.7	2
140	Altered resting fMRI spectral power in data-driven brain networks during development: A longitudinal study. Journal of Neuroscience Methods, 2022, 372, 109537.	2.5	2
141	Current source mapping by spontaneous MEG and ECoG in piglets model. Biomedical Signal Processing and Control, 2016, 23, 76-84.	5.7	1
142	Brain structure and verbal function across adulthood while controlling for cerebrovascular risks. Human Brain Mapping, 2017, 38, 3472-3490.	3.6	1
143	Troubled Hearts: Association Between Heart Rate Variability and Depressive Symptoms in Healthy Children. Applied Psychophysiology Biofeedback, 2020, 45, 283-292.	1.7	1
144	Maternal verbal scaffolding: association with higher language skills for 20-month-old children with prenatal polysubstance exposure. Early Human Development, 2021, 160, 105423.	1.8	1

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145	Cognitive Decline Associated with Aging, Alzheimerâ€™s Disease and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2014, , 657-676.		1
146	Cognitive Decline Associated with Aging, Alzheimerâ€™s Disease, and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2019, , 1-20.		1
147	A Pilot Study on Brain Source Localization and Connectivity Analysis with MEG Responses to Unilateral Tactile Stimuli in Healthy Children Using Normalized Principal Component Analysis. Journal of Signal Processing Systems, 2017, 87, 259-267.	2.1	0
148	Detection of differentially developed functional connectivity patterns in adolescents based on tensor discriminative analysis. , 2018, , .		0
149	Pediatric CNS Pathophysiology. IFMBE Proceedings, 2010, , 242-245.	0.3	0
150	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2014, , 767-799.		0
151	Cognitive Decline Associated with Aging, Alzheimerâ€™s Disease, and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2019, , 1099-1119.		0
152	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2019, , 997-1031.		0
153	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2019, , 1-35.		0
154	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2019, , 1-23.		0
155	Brain Dynamics in Pediatric MEG. , 2019, , 695-731.		0
156	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2019, , 407-429.		0
157	Designing MEG Experiments. , 2019, , 1-31.		0
158	Brain Dynamics in Pediatric MEG. , 2019, , 1-37.		0
159	Improved estimation of dynamic connectivity from resting-state fMRI data. , 2019, , .		0
160	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. , 2020, , .		0
161	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences. Journal of Neuroscience Methods, 2022, 372, 109539.	2.5	0