

# Julia M Stephen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Reliability of the NIH toolbox cognitive battery in children and adolescents: a 3-year longitudinal examination. <i>Psychological Medicine</i> , 2022, 52, 1718-1727.	4.5	32
2	Prevalence of marijuana use in pregnant women with concurrent opioid use disorder or alcohol use in pregnancy. <i>Addiction Science &amp; Clinical Practice</i> , 2022, 17, 3.	2.6	8
3	Individual differences in amygdala volumes predict changes in functional connectivity between subcortical and cognitive control networks throughout adolescence. <i>NeuroImage</i> , 2022, 247, 118852.	4.2	3
4	Cross-Axis projection error in optically pumped magnetometers and its implication for magnetoencephalography systems. <i>NeuroImage</i> , 2022, 247, 118818.	4.2	53
5	Trauma moderates the development of the oscillatory dynamics serving working memory in a sex-specific manner. <i>Cerebral Cortex</i> , 2022, 32, 5206-5215.	2.9	5
6	Developmental trajectory of MEG resting-state oscillatory activity in children and adolescents: a longitudinal reliability study. <i>Cerebral Cortex</i> , 2022, 32, 5404-5419.	2.9	10
7	School-aged children diagnosed with an FASD exhibit visuo-cortical network disturbance: A magnetoencephalography (MEG) study. <i>Alcohol</i> , 2022, 99, 59-69.	1.7	2
8	Altered resting fMRI spectral power in data-driven brain networks during development: A longitudinal study. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109537.	2.5	2
9	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109539.	2.5	0
10	Longitudinal changes in the neural oscillatory dynamics underlying abstract reasoning in children and adolescents. <i>NeuroImage</i> , 2022, 253, 119094.	4.2	3
11	Calibration and Localization of Optically Pumped Magnetometers Using Electromagnetic Coils. <i>Sensors</i> , 2022, 22, 3059.	3.8	10
12	Amygdala and hippocampal subregions mediate outcomes following trauma during typical development: Evidence from high-resolution structural MRI. <i>Neurobiology of Stress</i> , 2022, 18, 100456.	4.0	5
13	Left amygdala structure mediates longitudinal associations between exposure to threat and long-term psychiatric symptomatology in youth. <i>Human Brain Mapping</i> , 2022, 43, 4091-4102.	3.6	4
14	Eyes-closed versus eyes-open differences in spontaneous neural dynamics during development. <i>NeuroImage</i> , 2022, 258, 119337.	4.2	11
15	The impact of pubertal <sc>DHEA</sc> on the development of visuospatial oscillatory dynamics. <i>Human Brain Mapping</i> , 2022, 43, 5154-5166.	3.6	5
16	Decreased resting-state alpha peak frequency in children and adolescents with fetal alcohol spectrum disorders or prenatal alcohol exposure. <i>Developmental Cognitive Neuroscience</i> , 2022, 57, 101137.	4.0	4
17	The Developmental Chronnecto-Genomics (Dev-CoG) study: A multimodal study on the developing brain. <i>NeuroImage</i> , 2021, 225, 117438.	4.2	34
18	Altered Resting-State Neural Oscillations and Spectral Power in Children with Fetal Alcohol Spectrum Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 117-130.	2.4	10

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19	Correlation Guided Graph Learning to Estimate Functional Connectivity Patterns From fMRI Data. IEEE Transactions on Biomedical Engineering, 2021, 68, 1154-1165.	4.2	5
20	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
21	Functional network estimation using multigraph learning with application to brain maturation study. Human Brain Mapping, 2021, 42, 2880-2892.	3.6	3
22	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	3.6	23
23	Resting-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
24	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. IEEE Transactions on Medical Imaging, 2021, 40, 1474-1483.	8.9	30
25	Neural oscillations underlying selective attention follow sexually divergent developmental trajectories during adolescence. Developmental Cognitive Neuroscience, 2021, 49, 100961.	4.0	16
26	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
27	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
28	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
29	Sexually dimorphic development in the cortical oscillatory dynamics serving early visual processing. Developmental Cognitive Neuroscience, 2021, 50, 100968.	4.0	7
30	Frontoparietal network and neuropsychological measures in typically developing children. Neuropsychologia, 2021, 159, 107914.	1.6	3
31	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
32	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
33	Spontaneous cortical MEG activity undergoes unique age- and sex-related changes during the transition to adolescence. NeuroImage, 2021, 244, 118552.	4.2	19
34	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
35	Stability of functional network connectivity (FNC) values across multiple spatial normalization pipelines in spatially constrained independent component analysis. , 2021, , .		5
36	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

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37	Traumatic Events Are Associated with Diverse Psychological Symptoms in Typically-Developing Children. <i>Journal of Child and Adolescent Trauma</i> , 2020, 13, 381-388.	1.9	6
38	A Manifold Regularized Multi-Task Learning Model for IQ Prediction From Two fMRI Paradigms. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 796-806.	4.2	27
39	Estimating Dynamic Functional Brain Connectivity With a Sparse Hidden Markov Model. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 488-498.	8.9	33
40	Joint Bayesian-Incorporating Estimation of Multiple Gaussian Graphical Models to Study Brain Connectivity Development in Adolescence. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 357-365.	8.9	4
41	Reduced parietal alpha power and psychotic symptoms: Test-retest reliability of resting-state magnetoencephalography in schizophrenia and healthy controls. <i>Schizophrenia Research</i> , 2020, 215, 229-240.	2.0	19
42	Multi-Hypergraph Learning-Based Brain Functional Connectivity Analysis in fMRI Data. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1746-1758.	8.9	36
43	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. <i>Journal of Neuroscience Methods</i> , 2020, 332, 108531.	2.5	11
44	Disparities in breastfeeding outcomes among women with opioid use disorder. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1064-1066.	1.5	6
45	Troubled Hearts: Association Between Heart Rate Variability and Depressive Symptoms in Healthy Children. <i>Applied Psychophysiology Biofeedback</i> , 2020, 45, 283-292.	1.7	1
46	Self-regulation and emotional reactivity in infants with prenatal exposure to opioids and alcohol. <i>Early Human Development</i> , 2020, 148, 105119.	1.8	13
47	Parietal Oscillatory Dynamics Mediate Developmental Improvement in Motor Performance. <i>Cerebral Cortex</i> , 2020, 30, 6405-6414.	2.9	15
48	Development and sex modulate visuospatial oscillatory dynamics in typically-developing children and adolescents. <i>NeuroImage</i> , 2020, 221, 117192.	4.2	16
49	Best Practices for Engaging Pregnant and Postpartum Women at Risk of Substance Use in Longitudinal Research Studies: a Qualitative Examination of Participant Preferences. <i>Adversity and Resilience Science</i> , 2020, 1, 235-246.	2.6	5
50	Covariation Between Brain Function (MEG) and Structure (DTI) Differentiates Adolescents with Fetal Alcohol Spectrum Disorder from Typically Developing Controls. <i>Neuroscience</i> , 2020, 449, 74-87.	2.3	6
51	Dynamic Resting-State Connectivity Differences in Eyes Open Versus Eyes Closed Conditions. <i>Brain Connectivity</i> , 2020, 10, 504-519.	1.7	22
52	Hippocampal and parahippocampal volumes vary by sex and traumatic life events in children. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 288-297.	2.4	7
53	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3290-3299.	8.9	4
54	Examining brain maturation during adolescence using graph Laplacian learning based Fourier transform. <i>Journal of Neuroscience Methods</i> , 2020, 338, 108649.	2.5	5

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55	Pubertal Testosterone Tracks the Developmental Trajectory of Neural Oscillatory Activity Serving Visuospatial Processing. <i>Cerebral Cortex</i> , 2020, 30, 5960-5971.	2.9	18
56	Neural oscillatory dynamics serving abstract reasoning reveal robust sex differences in typically-developing children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2020, 42, 100770.	4.0	23
57	Unisensory and Multisensory Responses in Fetal Alcohol Spectrum Disorders (FASD): Effects of Spatial Congruence. <i>Neuroscience</i> , 2020, 430, 34-46.	2.3	10
58	Non-Invasive Functional-Brain-Imaging with an OPM-based Magnetoencephalography System. <i>PLoS ONE</i> , 2020, 15, e0227684.	2.5	97
59	Testâ€Retest Reliability of Magnetoencephalography Resting-State Functional Connectivity in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 551952.	2.6	7
60	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. , 2020, , .		0
61	Refined measure of functional connectomes for improved identifiability and prediction. <i>Human Brain Mapping</i> , 2019, 40, 4843-4858.	3.6	13
62	Quantitative assessment of cerebral connectivity deficiency and cognitive impairment in children with prenatal alcohol exposure. <i>Chaos</i> , 2019, 29, 041101.	2.5	6
63	Using Gradient as a New Metric for Dynamic Connectivity Estimation from Resting fMRI Data. , 2019, , .		3
64	The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. <i>Human Brain Mapping</i> , 2019, 40, 3058-3077.	3.6	67
65	Resting state connectivity differences in eyes open versus eyes closed conditions. <i>Human Brain Mapping</i> , 2019, 40, 2488-2498.	3.6	133
66	Brain Development Includes Linear and Multiple Nonlinear Trajectories: A Cross-Sectional Resting-State Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , 2019, 9, 777-788.	1.7	19
67	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019, 184, 455-461.	4.2	50
68	Association between prenatal opioid exposure, neonatal opioid withdrawal syndrome, and neurodevelopmental and behavioral outcomes at 5â€8 months of age. <i>Early Human Development</i> , 2019, 128, 69-76.	1.8	37
69	Capturing Dynamic Connectivity From Resting State fMRI Using Time-Varying Graphical Lasso. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1852-1862.	4.2	32
70	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019, 185, 191-197.	4.2	37
71	Alternating Diffusion Map Based Fusion of Multimodal Brain Connectivity Networks for IQ Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2140-2151.	4.2	25
72	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019, 45, 222-232.	4.3	31

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73	Designing MEG Experiments. , 2019, , 205-235.		2
74	Cognitive Decline Associated with Aging, Alzheimerâ€™s Disease, and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2019, , 1099-1119.		0
75	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2019, , 997-1031.		0
76	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2019, , 1-35.		0
77	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2019, , 1-23.		0
78	Brain Dynamics in Pediatric MEG. , 2019, , 695-731.		0
79	Cognitive Decline Associated with Aging, Alzheimerâ€™s Disease, and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2019, , 1-20.		1
80	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2019, , 407-429.		0
81	Designing MEG Experiments. , 2019, , 1-31.		0
82	Brain Dynamics in Pediatric MEG. , 2019, , 1-37.		0
83	Improved estimation of dynamic connectivity from resting-state fMRI data. , 2019, , .		0
84	Estimation of Dynamic Sparse Connectivity Patterns From Resting State fMRI. IEEE Transactions on Medical Imaging, 2018, 37, 1224-1234.	8.9	33
85	Prevalence of alcohol use in pregnant women with substance use disorder. Drug and Alcohol Dependence, 2018, 187, 305-310.	3.2	23
86	The lifespan trajectory of neural oscillatory activity in the motor system. Developmental Cognitive Neuroscience, 2018, 30, 159-168.	4.0	74
87	Neuropsychological analysis of auditory verbal hallucinations. Schizophrenia Research, 2018, 192, 459-460.	2.0	2
88	Dietary Intake Among Opioid- and Alcohol-Using Pregnant Women. Substance Use and Misuse, 2018, 53, 260-269.	1.4	11
89	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
90	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

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91	Detection of differentially developed functional connectivity patterns in adolescents based on tensor discriminative analysis. , 2018, , .		0
92	Integration of network topological features and graph Fourier transform for fMRI data analysis. , 2018, , .		6
93	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
94	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
95	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
96	Neuroimaging investigations of dorsal stream processing and effects of stimulus synchrony in schizophrenia. Psychiatry Research - Neuroimaging, 2018, 278, 56-64.	1.8	6
97	Changing brain connectivity dynamics: From early childhood to adulthood. Human Brain Mapping, 2018, 39, 1108-1117.	3.6	80
98	Diminished auditory sensory gating during active auditory verbal hallucinations. Schizophrenia Research, 2017, 188, 125-131.	2.0	34
99	Brain structure and verbal function across adulthood while controlling for cerebrovascular risks. Human Brain Mapping, 2017, 38, 3472-3490.	3.6	1
100	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
101	A 20-channel magnetoencephalography system based on optically pumped magnetometers. Physics in Medicine and Biology, 2017, 62, 8909-8923.	3.0	134
102	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
103	Replicability of time-varying connectivity patterns in large resting state fMRI samples. NeuroImage, 2017, 163, 160-176.	4.2	163
104	The effect of prenatal substance use and maternal contingent responsiveness on infant affect. Early Human Development, 2017, 115, 51-59.	1.8	21
105	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
106	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. Neuroinformatics, 2017, 15, 343-364.	2.8	131
107	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. NeuroImage, 2017, 145, 96-106.	4.2	42
108	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

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109	Fused estimation of sparse connectivity patterns from rest fMRI. , 2017, , .		3
110	Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 179.	2.6	25
111	Multimodal Classification of Schizophrenia Patients with MEG and fMRI Data Using Static and Dynamic Connectivity Measures. <i>Frontiers in Neuroscience</i> , 2016, 10, 466.	2.8	68
112	Functional MRI Evaluation of Multiple Neural Networks Underlying Auditory Verbal Hallucinations in Schizophrenia Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2016, 7, 39.	2.6	19
113	Association between theta power in 6-month old infants at rest and maternal PTSD severity: A pilot study. <i>Neuroscience Letters</i> , 2016, 630, 120-126.	2.1	8
114	Dysfunctional error-related processing in incarcerated youth with elevated psychopathic traits. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 70-77.	4.0	16
115	Current source mapping by spontaneous MEG and ECoG in piglets model. <i>Biomedical Signal Processing and Control</i> , 2016, 23, 76-84.	5.7	1
116	Granger causal time-dependent source connectivity in the somatosensory network. <i>Scientific Reports</i> , 2015, 5, 10399.	3.3	28
117	Sensory load hierarchy-based classification of schizophrenia patients. , 2015, , .		2
118	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015, 41, 1133-1142.	4.3	183
119	Ethanol, Neurodevelopment, Infant and Child Health (ENRICH) prospective cohort: Study design considerations. <i>Advances in Pediatric Research</i> , 2015, 2, .	2.0	19
120	Multisensory stimuli elicit altered oscillatory brain responses at gamma frequencies in patients with schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 788.	2.0	12
121	Same task, different strategies: How brain networks can be influenced by memory strategy. <i>Human Brain Mapping</i> , 2014, 35, 5127-5140.	3.6	27
122	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. <i>NeuroImage</i> , 2014, 97, 117-126.	4.2	151
123	Modulatory role of the prefrontal generator within the auditory M50 network. <i>NeuroImage</i> , 2014, 92, 120-131.	4.2	16
124	Characterization of a normal control group: Are they healthy?. <i>NeuroImage</i> , 2014, 84, 796-809.	4.2	15
125	MEG-SIM Web Portal: A Database of Realistic Simulated and Empirical MEG Data for Testing Algorithms. , 2014, , 285-307.		2
126	Pediatric MEG: Investigating Spatio-Temporal Connectivity of Developing Networks. , 2014, , 525-555.		3



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127	Designing MEG Experiments. , 2014, , 129-159.		2
128	Cognitive Decline Associated with Aging, Alzheimer's Disease and Cerebrovascular Risk: Advantages of Dynamic Imaging with MEG. , 2014, , 657-676.		1
129	Selection of Stimulus Parameters for Visual MEG Studies of Sensation and Cognition. , 2014, , 767-799.		0
130	Primary visual response (M100) delays in adolescents with FASD as measured with MEG. Human Brain Mapping, 2013, 34, 2852-2862.	3.6	32
131	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
132	Using joint ICA to link function and structure using MEG and DTI in schizophrenia. NeuroImage, 2013, 83, 418-430.	4.2	47
133	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
134	Delays in Auditory Processing Identified in Preschool Children with <sc>FASD</sc>. Alcoholism: Clinical and Experimental Research, 2012, 36, 1720-1727.	2.4	61
135	Modeling conflict and error in the medial frontal cortex. Human Brain Mapping, 2012, 33, 2843-2855.	3.6	41
136	MEG-SIM: A Web Portal for Testing MEG Analysis Methods using Realistic Simulated and Empirical Data. Neuroinformatics, 2012, 10, 141-158.	2.8	31
137	Unisensory processing and multisensory integration in schizophrenia: A high-density electrical mapping study. Neuropsychologia, 2011, 49, 3178-3187.	1.6	46
138	Development and Decline of Memory Functions in Normal, Pathological and Healthy Successful Aging. Brain Topography, 2011, 24, 323-339.	1.8	46
139	A practical approach to incidental findings in neuroimaging research. Neurology, 2011, 77, 2123-2127.	1.1	42
140	Development of Mu Rhythm in Infants and Preschool Children. Developmental Neuroscience, 2011, 33, 130-143.	2.0	77
141	Somatosensory responses in normal aging, mild cognitive impairment, and Alzheimer's disease. Journal of Neural Transmission, 2010, 117, 217-225.	2.8	60
142	Aging-related changes in auditory and visual integration measured with MEG. Neuroscience Letters, 2010, 484, 76-80.	2.1	62
143	Different strategies for auditory word recognition in healthy versus normal aging. NeuroImage, 2010, 49, 3319-3330.	4.2	28
144	MEG-SIM Portal: Reconstructions from Realistic Simulations of Sensory and Cognitive Processing. IFMBE Proceedings, 2010, , 132-135.	0.3	5

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145	Pediatric CNS Pathophysiology. IFMBE Proceedings, 2010, , 242-245.	0.3	0
146	Maturation of somatosensory cortical processing from birth to adulthood revealed by magnetoencephalography. Clinical Neurophysiology, 2009, 120, 1552-1561.	1.5	74
147	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
148	Auditory and somatosensory integration in infants. International Congress Series, 2007, 1300, 107-110.	0.2	6
149	Aging: Compensation or maturation?. NeuroImage, 2006, 32, 1891-1904.	4.2	51
150	Aging changes and gender differences in response to median nerve stimulation measured with MEG. Clinical Neurophysiology, 2006, 117, 131-143.	1.5	38
151	Frequency-Following and Connectivity of Different Visual Areas in Response to Contrast-Reversal Stimulation. Brain Topography, 2006, 18, 257-272.	1.8	8
152	Age-related effects on superior temporal gyrus activity during an auditory oddball task. NeuroReport, 2005, 16, 1075-1079.	1.2	25
153	Temporal dynamics of age-related differences in auditory incidental verbal learning. Cognitive Brain Research, 2005, 24, 1-18.	3.0	30
154	Differentiability of simulated MEG hippocampal, medial temporal and neocortical temporal epileptic spike activity. Journal of Clinical Neurophysiology, 2005, 22, 388-401.	1.7	41
155	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
156	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
157	Investigation of the normal proximal somatomotor system using magnetoencephalography. Clinical Neurophysiology, 2003, 114, 1781-1792.	1.5	15
158	Multidipole Analysis of Simulated Epileptic Spikes With Real Background Activity. Journal of Clinical Neurophysiology, 2003, 20, 1-16.	1.7	26
159	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
160	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
161	Multistart Algorithms for MEG Empirical Data Analysis Reliably Characterize Locations and Time Courses of Multiple Sources. NeuroImage, 2000, 12, 159-172.	4.2	69