

Gareth R Barnes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4979453/publications.pdf>

Version: 2024-02-01

164
papers

13,889
citations

25034

57
h-index

26613

107
g-index

192
all docs

192
docs citations

192
times ranked

9180
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Field Mapping and Correction for Moving OP-MEG. IEEE Transactions on Biomedical Engineering, 2022, 69, 528-536.	4.2	26
2	Interference suppression techniques for OPM-based MEG: Opportunities and challenges. NeuroImage, 2022, 247, 118834.	4.2	35
3	Spherical harmonic based noise rejection and neuronal sampling with multi-axis OPMs. NeuroImage, 2022, 258, 119338.	4.2	20
4	The Role of Hippocampal and Ventromedial Prefrontal Cortex Neural Dynamics in Building Mental Representations. Journal of Cognitive Neuroscience, 2021, 33, 89-103.	2.3	24
5	Mouth magnetoencephalography: A unique perspective on the human hippocampus. NeuroImage, 2021, 225, 117443.	4.2	56
6	Watching Movies Unfold, a Frame-by-Frame Analysis of the Associated Neural Dynamics. ENeuro, 2021, 8, ENEURO.0099-21.2021.	1.9	0
7	Testing covariance models for MEG source reconstruction of hippocampal activity. Scientific Reports, 2021, 11, 17615.	3.3	8
8	Laminar dynamics of high amplitude beta bursts in human motor cortex. NeuroImage, 2021, 242, 118479.	4.2	45
9	Using OPMs to measure neural activity in standing, mobile participants. NeuroImage, 2021, 244, 118604.	4.2	48
10	Modelling optically pumped magnetometer interference in MEG as a spatially homogeneous magnetic field. NeuroImage, 2021, 244, 118484.	4.2	36
11	The Effect of Object Type on Building Scene Imagery – an MEG Study. Frontiers in Human Neuroscience, 2020, 14, 592175.	2.0	5
12	Pragmatic spatial sampling for wearable MEG arrays. Scientific Reports, 2020, 10, 21609.	3.3	23
13	Representation of probabilistic outcomes during risky decision-making. Nature Communications, 2020, 11, 2419.	12.8	12
14	vmPFC Drives Hippocampal Processing during Autobiographical Memory Recall Regardless of Remoteness. Cerebral Cortex, 2020, 30, 5972-5987.	2.9	71
15	Optically pumped magnetoencephalography in epilepsy. Annals of Clinical and Translational Neurology, 2020, 7, 397-401.	3.7	43
16	Estimates of cortical column orientation improve MEG source inversion. NeuroImage, 2020, 216, 116862.	4.2	11
17	Wearable neuroimaging: Combining and contrasting magnetoencephalography and electroencephalography. NeuroImage, 2019, 201, 116099.	4.2	82
18	High-precision magnetoencephalography for reconstructing amygdalar and hippocampal oscillations during prediction of safety and threat. Human Brain Mapping, 2019, 40, 4114-4129.	3.6	19

#	ARTICLE	IF	CITATIONS
19	Data-driven model optimization for optically pumped magnetometer sensor arrays. <i>Human Brain Mapping</i> , 2019, 40, 4357-4369.	3.6	16
20	Using optically pumped magnetometers to measure magnetoencephalographic signals in the human cerebellum. <i>Journal of Physiology</i> , 2019, 597, 4309-4324.	2.9	31
21	Balanced, bi-planar magnetic field and field gradient coils for field compensation in wearable magnetoencephalography. <i>Scientific Reports</i> , 2019, 9, 14196.	3.3	72
22	A tool for functional brain imaging with lifespan compliance. <i>Nature Communications</i> , 2019, 10, 4785.	12.8	96
23	Imaging the human hippocampus with optically-pumped magnetoencephalography. <i>NeuroImage</i> , 2019, 203, 116192.	4.2	52
24	Human motor cortical beta bursts relate to movement planning and response errors. <i>PLoS Biology</i> , 2019, 17, e3000479.	5.6	134
25	Optically pumped magnetometers: From quantum origins to multi-channel magnetoencephalography. <i>NeuroImage</i> , 2019, 199, 598-608.	4.2	186
26	Towards OPM-MEG in a virtual reality environment. <i>NeuroImage</i> , 2019, 199, 408-417.	4.2	87
27	Updating Dynamic Noise Models With Moving Magnetoencephalographic (MEG) Systems. <i>IEEE Access</i> , 2019, 7, 10093-10102.	4.2	5
28	The Neural Dynamics of Novel Scene Imagery. <i>Journal of Neuroscience</i> , 2019, 39, 4375-4386.	3.6	74
29	Neural Competitive Queuing of Ordinal Structure Underlies Skilled Sequential Action. <i>Neuron</i> , 2019, 101, 1166-1180.e3.	8.1	42
30	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2018, 129, 1720-1747.	1.5	111
31	Magnetoencephalographic Correlates of Perceptual State During Auditory Bistability. <i>Scientific Reports</i> , 2018, 8, 976.	3.3	11
32	Moving magnetoencephalography towards real-world applications with a wearable system. <i>Nature</i> , 2018, 555, 657-661.	27.8	795
33	Non-invasive laminar inference with MEG: Comparison of methods and source inversion algorithms. <i>NeuroImage</i> , 2018, 167, 372-383.	4.2	47
34	Cognitive neuroscience using wearable magnetometer arrays: Non-invasive assessment of language function. <i>NeuroImage</i> , 2018, 181, 513-520.	4.2	56
35	Reply to "Clinical practice guidelines or clinical research guidelines?". <i>Clinical Neurophysiology</i> , 2018, 129, 2056-2057.	1.5	0
36	Quantifying the performance of MEG source reconstruction using resting state data. <i>NeuroImage</i> , 2018, 181, 453-460.	4.2	13

#	ARTICLE	IF	CITATIONS
37	A bi-planar coil system for nulling background magnetic fields in scalp mounted magnetoencephalography. <i>NeuroImage</i> , 2018, 181, 760-774.	4.2	143
38	Lamina-specific cortical dynamics in human visual and sensorimotor cortices. <i>ELife</i> , 2018, 7, .	6.0	45
39	A new generation of magnetoencephalography: Room temperature measurements using optically-pumped magnetometers. <i>NeuroImage</i> , 2017, 149, 404-414.	4.2	329
40	Whole-Brain Neural Dynamics of Probabilistic Reward Prediction. <i>Journal of Neuroscience</i> , 2017, 37, 3789-3798.	3.6	18
41	Simultaneous estimation of brain structure and function with MEG/EEG data. , 2017, , .		0
42	Dissecting the Function of Hippocampal Oscillations in a Human Anxiety Model. <i>Journal of Neuroscience</i> , 2017, 37, 6869-6876.	3.6	39
43	Using generative models to make probabilistic statements about hippocampal engagement in MEG. <i>NeuroImage</i> , 2017, 149, 468-482.	4.2	42
44	Reconstructing anatomy from electro-physiological data. <i>NeuroImage</i> , 2017, 163, 480-486.	4.2	5
45	Flexible head-casts for high spatial precision MEG. <i>Journal of Neuroscience Methods</i> , 2017, 276, 38-45.	2.5	69
46	Working Memory Replay Prioritizes Weakly Attended Events. <i>ENeuro</i> , 2017, 4, ENEURO.0171-17.2017.	1.9	11
47	Non-linear Parameter Estimates from Non-stationary MEG Data. <i>Frontiers in Neuroscience</i> , 2016, 10, 366.	2.8	7
48	Gamma Frequency and the Spatial Tuning of Primary Visual Cortex. <i>PLoS ONE</i> , 2016, 11, e0157374.	2.5	6
49	On the Potential of a New Generation of Magnetometers for MEG: A Beamformer Simulation Study. <i>PLoS ONE</i> , 2016, 11, e0157655.	2.5	138
50	Sustained Magnetic Responses in Temporal Cortex Reflect Instantaneous Significance of Approaching and Receding Sounds. <i>PLoS ONE</i> , 2015, 10, e0134060.	2.5	8
51	Resting state MEG oscillations show long-range temporal correlations of phase synchrony that break down during finger movement. <i>Frontiers in Physiology</i> , 2015, 6, 183.	2.8	22
52	The Frontal Control of Stopping. <i>Cerebral Cortex</i> , 2015, 25, 4392-4406.	2.9	44
53	Ventromedial prefrontal cortex drives hippocampal theta oscillations induced by mismatch computations. <i>NeuroImage</i> , 2015, 120, 362-370.	4.2	59
54	Dynamic recruitment of resting state sub-networks. <i>NeuroImage</i> , 2015, 115, 85-95.	4.2	93

#	ARTICLE	IF	CITATIONS
55	Neuromagnetic effects of pico-Tesla stimulation. <i>Physiological Measurement</i> , 2015, 36, 1901-1912.	2.1	8
56	Structure predicts function: Combining non-invasive electrophysiology with in-vivo histology. <i>NeuroImage</i> , 2015, 108, 377-385.	4.2	23
57	Temporal structure in associative retrieval. <i>ELife</i> , 2015, 4, .	6.0	56
58	Reading Front to Back: MEG Evidence for Early Feedback Effects During Word Recognition. <i>Cerebral Cortex</i> , 2014, 24, 817-825.	2.9	82
59	Discrimination of cortical laminae using MEG. <i>NeuroImage</i> , 2014, 102, 885-893.	4.2	65
60	Optimising beamformer regions of interest analysis. <i>NeuroImage</i> , 2014, 102, 945-954.	4.2	8
61	Magnetoencephalographic Activity Related to Conscious Perception Is Stable within Individuals across Years but Not between Individuals. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 840-853.	2.3	6
62	Medial prefrontal theta phase coupling during spatial memory retrieval. <i>Hippocampus</i> , 2014, 24, 656-665.	1.9	99
63	Modulation of alpha and gamma oscillations related to retrospectively orienting attention within working memory. <i>European Journal of Neuroscience</i> , 2014, 40, 2399-2405.	2.6	70
64	NEURAL BASES OF MUSICAL HALLUCINATIONS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, e3-e3.	1.9	3
65	Measuring temporal, spectral and spatial changes in electrophysiological brain network connectivity. <i>NeuroImage</i> , 2014, 91, 282-299.	4.2	130
66	Algorithmic procedures for Bayesian MEG/EEG source reconstruction in SPM. <i>NeuroImage</i> , 2014, 84, 476-487.	4.2	130
67	Theta oscillations orchestrate medial temporal lobe and neocortex in remembering autobiographical memories. <i>NeuroImage</i> , 2014, 85, 730-737.	4.2	91
68	Distinct MEG correlates of conscious experience, perceptual reversals and stabilization during binocular rivalry. <i>NeuroImage</i> , 2014, 100, 161-175.	4.2	29
69	Between Thought and Expression, a Magnetoencephalography Study of the "Tip-of-the-Tongue" Phenomenon. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2210-2223.	2.3	8
70	Does function fit structure? A ground truth for non-invasive neuroimaging. <i>NeuroImage</i> , 2014, 94, 89-95.	4.2	8
71	High precision anatomy for MEG. <i>NeuroImage</i> , 2014, 86, 583-591.	4.2	80
72	A brain basis for musical hallucinations. <i>Cortex</i> , 2014, 52, 86-97.	2.4	62

#	ARTICLE	IF	CITATIONS
73	Dynamic state allocation for MEG source reconstruction. <i>NeuroImage</i> , 2013, 77, 77-92.	4.2	64
74	Synchronization of Medial Temporal Lobe and Prefrontal Rhythms in Human Decision Making. <i>Journal of Neuroscience</i> , 2013, 33, 442-451.	3.6	82
75	Set-level threshold-free tests on the intrinsic volumes of SPMs. <i>NeuroImage</i> , 2013, 68, 133-140.	4.2	1
76	Changes in the location of cortico-muscular coherence following stroke. <i>NeuroImage: Clinical</i> , 2013, 2, 50-55.	2.7	62
77	Early Visual Responses Predict Conscious Face Perception within and between Subjects during Binocular Rivalry. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 969-985.	2.3	48
78	Good practice for conducting and reporting MEG research. <i>NeuroImage</i> , 2013, 65, 349-363.	4.2	604
79	Dynamic causal modelling of lateral interactions in the visual cortex. <i>NeuroImage</i> , 2013, 66, 563-576.	4.2	58
80	Reading therapy strengthens top-down connectivity in patients with pure alexia. <i>Brain</i> , 2013, 136, 2579-2591.	7.6	41
81	The right hemisphere supports but does not replace left hemisphere auditory function in patients with persisting aphasia. <i>Brain</i> , 2013, 136, 1901-1912.	7.6	40
82	Cortical surface reconstruction based on MEG data and spherical harmonics. , 2013, 2013, 6449-52.		7
83	Population Level Inference for Multivariate MEG Analysis. <i>PLoS ONE</i> , 2013, 8, e71305.	2.5	7
84	The chronometry of risk processing in the human cortex. <i>Frontiers in Neuroscience</i> , 2013, 7, 146.	2.8	6
85	Random location of multiple sparse priors for solving the MEG/EEG inverse problem. , 2012, 2012, 1534-7.		4
86	Movement-Related Changes in Local and Long-Range Synchronization in Parkinson's Disease Revealed by Simultaneous Magnetoencephalography and Intracranial Recordings. <i>Journal of Neuroscience</i> , 2012, 32, 10541-10553.	3.6	176
87	Single-subject oscillatory gamma responses in tinnitus. <i>Brain</i> , 2012, 135, 3089-3100.	7.6	84
88	Estimation of functional connectivity from electromagnetic signals and the amount of empirical data required. <i>Neuroscience Letters</i> , 2012, 513, 57-61.	2.1	23
89	Gamma band pitch responses in human auditory cortex measured with magnetoencephalography. <i>NeuroImage</i> , 2012, 59, 1904-1911.	4.2	32
90	Frequency-dependent functional connectivity within resting-state networks: An atlas-based MEG beamformer solution. <i>NeuroImage</i> , 2012, 59, 3909-3921.	4.2	408

#	ARTICLE	IF	CITATIONS
91	A general Bayesian treatment for MEG source reconstruction incorporating lead field uncertainty. <i>NeuroImage</i> , 2012, 60, 1194-1204.	4.2	31
92	Measuring functional connectivity in MEG: A multivariate approach insensitive to linear source leakage. <i>NeuroImage</i> , 2012, 63, 910-920.	4.2	333
93	Movement-Related Theta Rhythm in Humans: Coordinating Self-Directed Hippocampal Learning. <i>PLoS Biology</i> , 2012, 10, e1001267.	5.6	127
94	The Frequency of Visually Induced Gamma-Band Oscillations Depends on the Size of Early Human Visual Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 1507-1512.	3.6	64
95	A Peak-Clustering Method for MEG Group Analysis to Minimise Artefacts Due to Smoothness. <i>PLoS ONE</i> , 2012, 7, e45084.	2.5	4
96	Functional Evidence for a Dual Route to Amygdala. <i>Current Biology</i> , 2012, 22, 129-134.	3.9	81
97	Source Reconstruction Accuracy of MEG and EEG Bayesian Inversion Approaches. <i>PLoS ONE</i> , 2012, 7, e51985.	2.5	83
98	Investigating the electrophysiological basis of resting state networks using magnetoencephalography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16783-16788.	7.1	847
99	Measuring functional connectivity using MEG: Methodology and comparison with fMRI. <i>NeuroImage</i> , 2011, 56, 1082-1104.	4.2	452
100	Controlling false positive rates in mass-multivariate tests for electromagnetic responses. <i>NeuroImage</i> , 2011, 56, 1072-1081.	4.2	20
101	The relationship between the visual evoked potential and the gamma band investigated by blind and semi-blind methods. <i>NeuroImage</i> , 2011, 56, 1059-1071.	4.2	33
102	MEG beamforming using Bayesian PCA for adaptive data covariance matrix regularization. <i>NeuroImage</i> , 2011, 57, 1466-1479.	4.2	134
103	Practical constraints on estimation of source extent with MEG beamformers. <i>NeuroImage</i> , 2011, 54, 2732-2740.	4.2	59
104	Retinotopic mapping of the primary visual cortex - a challenge for MEG imaging of the human cortex. <i>European Journal of Neuroscience</i> , 2011, 34, 652-661.	2.6	14
105	EEG and MEG Data Analysis in SPM8. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-32.	1.7	500
106	Hippocampal Theta-Phase Modulation of Replay Correlates with Configural-Relational Short-Term Memory Performance: Figure 1.. <i>Journal of Neuroscience</i> , 2011, 31, 7038-7042.	3.6	54
107	Neuronal network pharmacodynamics of GABAergic modulation in the human cortex determined using pharmacological magnetoencephalography. <i>Human Brain Mapping</i> , 2010, 31, 581-594.	3.6	132
108	Identifying spatially overlapping local cortical networks with MEG. <i>Human Brain Mapping</i> , 2010, 31, 1003-1016.	3.6	25

#	ARTICLE	IF	CITATIONS
109	Language dominance and mapping based on neuromagnetic oscillatory changes: comparison with invasive procedures. <i>Journal of Neurosurgery</i> , 2010, 112, 528-538.	1.6	83
110	Decreased Gray Matter Concentration in the Lateral Geniculate Nuclei in Human Amblyopes. , 2010, 51, 1432.		81
111	Investigating spatial specificity and data averaging in MEG. <i>NeuroImage</i> , 2010, 49, 525-538.	4.2	43
112	Optimized beamforming for simultaneous MEG and intracranial local field potential recordings in deep brain stimulation patients. <i>NeuroImage</i> , 2010, 50, 1578-1588.	4.2	123
113	MEG evidence that the central auditory system simultaneously encodes multiple temporal cues. <i>European Journal of Neuroscience</i> , 2009, 30, 1183-1191.	2.6	3
114	Effective electromagnetic noise cancellation with beamformers and synthetic gradiometry in shielded and partly shielded environments. <i>Journal of Neuroscience Methods</i> , 2009, 178, 120-127.	2.5	30
115	Can we observe collective neuronal activity from macroscopic aggregate signals?. <i>NeuroImage</i> , 2009, 44, 1290-1303.	4.2	16
116	Functional source separation applied to induced visual gamma activity. <i>Human Brain Mapping</i> , 2008, 29, 131-141.	3.6	28
117	Anticipatory eye movements evoked after active following versus passive observation of a predictable motion stimulus. <i>Brain Research</i> , 2008, 1245, 74-81.	2.2	13
118	Optimising experimental design for MEG beamformer imaging. <i>NeuroImage</i> , 2008, 39, 1788-1802.	4.2	213
119	Induced Gamma activity in primary visual cortex is related to luminance and not color contrast: An MEG study. <i>Journal of Vision</i> , 2008, 8, 4.	0.3	24
120	Neuromagnetic correlates of the fMRI BOLD response. <i>International Congress Series</i> , 2007, 1300, 325-328.	0.2	3
121	The spatial distribution and temporal dynamics of brain regions activated during the perception of object and non-object patterns. <i>NeuroImage</i> , 2007, 34, 371-383.	4.2	19
122	Beamformer reconstruction of correlated sources using a modified source model. <i>NeuroImage</i> , 2007, 34, 1454-1465.	4.2	148
123	Stimuli of varying spatial scale induce gamma activity with distinct temporal characteristics in human visual cortex. <i>NeuroImage</i> , 2007, 35, 518-530.	4.2	49
124	Population-level inferences for distributed MEG source localization under multiple constraints: Application to face-evoked fields. <i>NeuroImage</i> , 2007, 38, 422-438.	4.2	54
125	A verifiable solution to the MEG inverse problem. <i>NeuroImage</i> , 2006, 31, 623-626.	4.2	12
126	Evidence for Synergy Between Saccades and Smooth Pursuit During Transient Target Disappearance. <i>Journal of Neurophysiology</i> , 2006, 95, 418-427.	1.8	84

#	ARTICLE	IF	CITATIONS
127	The occluded onset pursuit paradigm: prolonging anticipatory smooth pursuit in the absence of visual feedback. <i>Experimental Brain Research</i> , 2006, 175, 11-20.	1.5	21
128	Smooth ocular pursuit during the transient disappearance of an accelerating visual target: the role of reflexive and voluntary control. <i>Experimental Brain Research</i> , 2006, 175, 1-10.	1.5	36
129	Quantitative differences in smooth pursuit and saccadic eye movements. <i>Experimental Brain Research</i> , 2006, 175, 596-608.	1.5	20
130	Abnormality of mismatch negativity in response to tone omission in dyslexic adults. <i>Brain Research</i> , 2006, 1077, 90-98.	2.2	8
131	Cortical Spreading Depression Is Neuroprotective: The Challenge of Basic Sciences. <i>Headache</i> , 2005, 45, 177-178.	3.9	5
132	Cortical Spreading Depression Is Neuroprotective: The Challenge of Basic Sciences-A Response. <i>Headache</i> , 2005, 45, 178-178.	3.9	0
133	A new approach to neuroimaging with magnetoencephalography. <i>Human Brain Mapping</i> , 2005, 25, 199-211.	3.6	465
134	Predicting the duration of ocular pursuit in humans. <i>Experimental Brain Research</i> , 2005, 160, 10-21.	1.5	22
135	Beamformer Analysis of MEG Data. <i>International Review of Neurobiology</i> , 2005, 68, 149-171.	2.0	231
136	Assessing interactions of linear and nonlinear neuronal sources using MEG beamformers: a proof of concept. <i>Clinical Neurophysiology</i> , 2005, 116, 1300-1313.	1.5	71
137	Distinct contrast response functions in striate and extra-striate regions of visual cortex revealed with magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2005, 116, 1716-1722.	1.5	33
138	The missing link: analogous human and primate cortical gamma oscillations. <i>NeuroImage</i> , 2005, 26, 13-17.	4.2	115
139	GLM-beamformer method demonstrates stationary field, alpha ERD and gamma ERS co-localisation with fMRI BOLD response in visual cortex. <i>NeuroImage</i> , 2005, 26, 302-308.	4.2	167
140	Imaging the dynamics of the auditory steady-state evoked response. <i>Neuroscience Letters</i> , 2005, 385, 195-197.	2.1	19
141	Real-time imaging of human cortical activity evoked by painful esophageal stimulation. <i>Gastroenterology</i> , 2005, 128, 610-619.	1.3	81
142	Attention and selection for predictive smooth pursuit eye movements. <i>Cognitive Brain Research</i> , 2005, 25, 688-700.	3.0	18
143	Predictive Smooth Ocular Pursuit During the Transient Disappearance of a Visual Target. <i>Journal of Neurophysiology</i> , 2004, 92, 578-590.	1.8	64
144	Anticipatory VOR Suppression Induced by Visual and Nonvisual Stimuli in Humans. <i>Journal of Neurophysiology</i> , 2004, 92, 1501-1511.	1.8	14

#	ARTICLE	IF	CITATIONS
145	Can you tell your clunis from your cubitus? A benchmark for functional imaging. <i>BMJ: British Medical Journal</i> , 2004, 329, 1492.2-1493.	2.3	2
146	Induced visual illusions and gamma oscillations in human primary visual cortex. <i>European Journal of Neuroscience</i> , 2004, 20, 587-592.	2.6	133
147	Spatio-temporal Imaging of Cortical Desynchronization in Migraine Visual Aura: A Magnetoencephalography Case Study. <i>Headache</i> , 2004, 44, 204-208.	3.9	43
148	Realistic spatial sampling for MEG beamformer images. <i>Human Brain Mapping</i> , 2004, 23, 120-127.	3.6	89
149	Visual word recognition: the first half second. <i>NeuroImage</i> , 2004, 22, 1819-1825.	4.2	168
150	Co-registration of magnetoencephalography with magnetic resonance imaging using bite-bar-based fiducials and surface-matching. <i>Clinical Neurophysiology</i> , 2004, 115, 691-698.	1.5	98
151	The temporal frequency tuning of human visual cortex investigated using synthetic aperture magnetometry. <i>NeuroImage</i> , 2004, 21, 1542-1553.	4.2	103
152	Dissociating the spatio-temporal characteristics of cortical neuronal activity associated with human volitional swallowing in the healthy adult brain. <i>NeuroImage</i> , 2004, 22, 1447-1455.	4.2	97
153	A general linear model for MEG beamformer imaging. <i>NeuroImage</i> , 2004, 23, 936-946.	4.2	48
154	Statistical flattening of MEG beamformer images. <i>Human Brain Mapping</i> , 2003, 18, 1-12.	3.6	163
155	Accuracy and applications of group MEG studies using cortical source locations estimated from participants' scalp surfaces. <i>Human Brain Mapping</i> , 2003, 20, 142-147.	3.6	34
156	Group imaging of task-related changes in cortical synchronisation using nonparametric permutation testing. <i>NeuroImage</i> , 2003, 19, 1589-1601.	4.2	215
157	How many positions can we perceptually encode, one or many?. <i>Vision Research</i> , 2003, 43, 1575-1587.	1.4	13
158	The use of anatomical constraints with MEG beamformers. <i>NeuroImage</i> , 2003, 20, 2302-2313.	4.2	118
159	Task-Related Changes in Cortical Synchronization Are Spatially Coincident with the Hemodynamic Response. <i>NeuroImage</i> , 2002, 16, 103-114.	4.2	267
160	A Quantitative Assessment of the Sensitivity of Whole-Head MEG to Activity in the Adult Human Cortex. <i>NeuroImage</i> , 2002, 16, 638-650.	4.2	414
161	The spatial relationship between event-related changes in cortical synchrony, and the haemodynamic response: an MEG-fMRI study. <i>NeuroImage</i> , 2001, 13, 71.	4.2	3
162	The cortical deficit in humans with strabismic amblyopia. <i>Journal of Physiology</i> , 2001, 533, 281-297.	2.9	219

#	ARTICLE	IF	CITATIONS
163	Topographic mapping of the pattern onset evoked magnetic response to stimulation of different portions of the visual field. <i>International Journal of Psychophysiology</i> , 1994, 16, 175-183.	1.0	15
164	Quantification of the relationship between magnetoencephalographic (MEG) and blood oxygenation dependent (BOLD) images of brain function. , 0, , .		2