

Nick F Ramsey

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

14,706
citations

13068

68
h-index

25716

108
g-index

266
all docs

266
docs citations

266
times ranked

14090
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-Computer interfaces for communication: preferences of individuals with locked-in syndrome, caregivers and researchers. Disability and Rehabilitation: Assistive Technology, 2023, 18, 963-973.	1.3	11
2	fMRI and intra-cranial electrocorticography recordings in the same human subjects reveals negative BOLD signal coupled with silenced neuronal activity. Brain Structure and Function, 2022, 227, 1371-1384.	1.2	10
3	Investigating secondary white matter degeneration following ischemic stroke by modelling affected fiber tracts. NeuroImage: Clinical, 2022, 33, 102945.	1.4	4
4	Intracortical Somatosensory Stimulation to Elicit Fingertip Sensations in an Individual With Spinal Cord Injury. Neurology, 2022, 98, .	1.5	36
5	Open multimodal iEEG-fMRI dataset from naturalistic stimulation with a short audiovisual film. Scientific Data, 2022, 9, 91.	2.4	10
6	Moving in on human motor cortex. Characterizing the relationship between body parts with non-rigid population response fields. PLoS Computational Biology, 2022, 18, e1009955.	1.5	8
7	Advances in human intracranial electroencephalography research, guidelines and good practices. NeuroImage, 2022, 260, 119438.	2.1	50
8	A functional MRI study of presurgical cognitive deficits in glioma patients. Neuro-Oncology Practice, 2021, 8, 81-90.	1.0	10
9	Accurate Offline Asynchronous Detection of Individual Finger Movement From Intracranial Brain Signals Using a Novel Multiway Approach. IEEE Transactions on Biomedical Engineering, 2021, 68, 2176-2187.	2.5	3
10	Typical somatomotor physiology of the hand is preserved in a patient with an amputated arm: An ECoG case study. NeuroImage: Clinical, 2021, 31, 102728.	1.4	3
11	Functional MRI based simulations of ECoG grid configurations for optimal measurement of spatially distributed hand-gesture information. Journal of Neural Engineering, 2021, 18, 026013.	1.8	5
12	Brain-Computer Interfaces for Communication: Preferences of Individuals With Locked-in Syndrome. Neurorehabilitation and Neural Repair, 2021, 35, 267-279.	1.4	16
13	Detailed somatotopy of tongue movement in the human sensorimotor cortex: A case study. Brain Stimulation, 2021, 14, 287-289.	0.7	2
14	Reduced brain activation during spoken language processing in children with developmental language disorder and children with 22q11.2 deletion syndrome. Neuropsychologia, 2021, 158, 107907.	0.7	5
15	Decoding attempted phantom hand movements from ipsilateral sensorimotor areas after amputation. Journal of Neural Engineering, 2021, 18, 056037.	1.8	0
16	Size of the spatial correlation between ECoG and fMRI activity. NeuroImage, 2021, 242, 118459.	2.1	3
17	Associations of Regular Marijuana Use by Adolescent Boys With Verbal Memory and Perseveration. Psychological Reports, 2021, , 003329412198899.	0.9	2
18	Distinct representation of ipsilateral hand movements in sensorimotor areas. European Journal of Neuroscience, 2021, 54, 7599-7608.	1.2	5

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19	Decoding four hand gestures with a single bipolar pair of electrocorticography electrodes. Journal of Neural Engineering, 2021, 18, .	1.8	0
20	Novel intraoperative online functional mapping of somatosensory finger representations for targeted stimulating electrode placement: technical note. Journal of Neurosurgery, 2021, , 1-8.	0.9	14
21	The dorsolateral pre-frontal cortex bi-polar error-related potential in a locked-in patient implanted with a daily use brain-computer interface. Control Theory and Technology, 2021, 19, 444-454.	1.0	0
22	A Novel 2D Standard Cartesian Representation for the Human Sensorimotor Cortex. Neuroinformatics, 2020, 18, 283-293.	1.5	1
23	Fatigue in brain tumor patients, towards a neuronal biomarker. NeuroImage: Clinical, 2020, 28, 102406.	1.4	12
24	Electrocorticography Evidence of Tactile Responses in Visual Cortices. Brain Topography, 2020, 33, 559-570.	0.8	8
25	Intracranial Recordings Reveal Unique Shape and Timing of Responses in Human Visual Cortex during Illusory Visual Events. Current Biology, 2020, 30, 3089-3100.e4.	1.8	21
26	Automatic identification of atypical clinical fMRI results. Neuroradiology, 2020, 62, 1677-1688.	1.1	2
27	Cortical network responses map onto data-driven features that capture visual semantics of movie fragments. Scientific Reports, 2020, 10, 12077.	1.6	6
28	FEMfun: A Volume Conduction Modeling Pipeline that Includes Resistive, Capacitive or Dispersive Tissue and Electrodes. Neuroinformatics, 2020, 18, 569-580.	1.5	11
29	Classification of Facial Expressions for Intended Display of Emotions Using Brain-computer Interfaces. Annals of Neurology, 2020, 88, 631-636.	2.8	5
30	Brain-computer interfaces: Definitions and principles. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 15-23.	1.0	48
31	Brain-optimized extraction of complex sound features that drive continuous auditory perception. PLoS Computational Biology, 2020, 16, e1007992.	1.5	14
32	Processing of Targets and Non-targets in Verbal Working Memory. Neuroscience, 2020, 429, 273-281.	1.1	2
33	Human brain function and brain-computer interfaces. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 1-13.	1.0	4
34	When to include ECoG electrode properties in volume conduction models. Journal of Neural Engineering, 2020, 17, 056031.	1.8	5
35	A Functional Magnetic Resonance Imaging Approach for Language Laterality Assessment in Young Children. Frontiers in Pediatrics, 2020, 8, 587593.	0.9	4
36	Modeling the temporal dynamics of neural responses in human visual cortex. Journal of Vision, 2020, 20, 582.	0.1	0

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37	Intracranial recordings reveal unique shape and timing of responses in human visual cortex during illusory visual events. <i>Journal of Vision</i> , 2020, 20, 375.	0.1	0
38	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
39	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
40	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
41	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
42	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
43	Brain-optimized extraction of complex sound features that drive continuous auditory perception. , 2020, 16, e1007992.		0
44	An observation of anatomical clustering in inputs to primary motor cortex in cortico-cortical brain surface evoked potentials. , 2019, , .		4
45	Stability of a chronic implanted brain-computer interface in late-stage amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2019, 130, 1798-1803.	0.7	49
46	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. <i>Scientific Data</i> , 2019, 6, 102.	2.4	96
47	High-frequency band temporal dynamics in response to a grasp force task. <i>Journal of Neural Engineering</i> , 2019, 16, 056009.	1.8	11
48	Towards an intuitive communication-BCI: decoding visually imagined characters from the early visual cortex using high-field fMRI. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 055001.	0.6	4
49	Classification of Articulator Movements and Movement Direction from Sensorimotor Cortex Activity. <i>Scientific Reports</i> , 2019, 9, 14165.	1.6	17
50	Sensorimotor ECoG Signal Features for BCI Control: A Comparison Between People With Locked-In Syndrome and Able-Bodied Controls. <i>Frontiers in Neuroscience</i> , 2019, 13, 1058.	1.4	17
51	Brain Activity Associated With Expected Task Difficulty. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 286.	1.0	6
52	Repeated Vowel Production Affects Features of Neural Activity in Sensorimotor Cortex. <i>Brain Topography</i> , 2019, 32, 97-110.	0.8	6
53	Acute effects of Δ^9 -tetrahydrocannabinol (THC) on resting state brain function and their modulation by COMT genotype. <i>European Neuropsychopharmacology</i> , 2019, 29, 766-776.	0.3	20
54	The effect of response frequency on cognitive brain activity during an alertness task. <i>NeuroReport</i> , 2019, 30, 1166-1171.	0.6	3

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55	Encoding of kinetic and kinematic movement parameters in the sensorimotor cortex: A Brain-Computer Interface perspective. <i>European Journal of Neuroscience</i> , 2019, 50, 2755-2772.	1.2	23
56	Removal of epileptically compromised tissue in the frontal cortex restores oculomotor selection in the antisaccade task. <i>Journal of Neuropsychology</i> , 2019, 13, 289-304.	0.6	2
57	Spatial-Temporal Dynamics of the Sensorimotor Cortex: Sustained and Transient Activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1084-1092.	2.7	11
58	Knowing left from right: asymmetric functional connectivity during resting state. <i>Brain Structure and Function</i> , 2018, 223, 1909-1922.	1.2	42
59	Decoding spoken phonemes from sensorimotor cortex with high-density ECoG grids. <i>NeuroImage</i> , 2018, 180, 301-311.	2.1	89
60	ALICE: A tool for automatic localization of intra-cranial electrodes for clinical and high-density grids. <i>Journal of Neuroscience Methods</i> , 2018, 301, 43-51.	1.3	40
61	OS4.5 Working memory deficits in brain tumor patients are related to reduced default mode inhibition. <i>Neuro-Oncology</i> , 2018, 20, iii223-iii223.	0.6	0
62	The influence of prior pronunciations on sensorimotor cortex activity patterns during vowel production. <i>Journal of Neural Engineering</i> , 2018, 15, 066025.	1.8	9
63	Rapid acquisition of dynamic control over DLPFC using real-time fMRI feedback. <i>European Neuropsychopharmacology</i> , 2018, 28, 1194-1205.	0.3	10
64	Optimization of sampling rate and smoothing improves classification of high frequency power in electrocorticographic brain signals. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 045012.	0.6	6
65	Detailed view on slow sinusoidal, hemodynamic oscillations on the human brain cortex by Fourier transforming oxy/deoxy hyperspectral images. <i>Human Brain Mapping</i> , 2018, 39, 3558-3573.	1.9	18
66	Detailed somatotopy in primary motor and somatosensory cortex revealed by Gaussian population receptive fields. <i>NeuroImage</i> , 2018, 179, 337-347.	2.1	74
67	GridLoc: An automatic and unsupervised localization method for high-density ECoG grids. <i>NeuroImage</i> , 2018, 179, 225-234.	2.1	13
68	Workshops of the Sixth International Brain-Computer Interface Meeting: brain-computer interfaces past, present, and future. <i>Brain-Computer Interfaces</i> , 2017, 4, 3-36.	0.9	24
69	Correspondence between fMRI and electrophysiology during visual motion processing in human MT+. <i>NeuroImage</i> , 2017, 155, 480-489.	2.1	15
70	Decoding hand gestures from primary somatosensory cortex using high-density ECoG. <i>NeuroImage</i> , 2017, 147, 130-142.	2.1	101
71	The brain-computer interface researcher's questionnaire: from research to application. <i>Brain-Computer Interfaces</i> , 2017, 4, 236-247.	0.9	19
72	Estimated Prevalence of the Target Population for Brain-Computer Interface Neurotechnology in the Netherlands. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 677-685.	1.4	20

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73	Neural Tuning to Low-Level Features of Speech throughout the Perisylvian Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 7906-7920.	1.7	30
74	Separate spatial and temporal frequency tuning to visual motion in human MT+ measured with ECoG. <i>Human Brain Mapping</i> , 2017, 38, 293-307.	1.9	9
75	Changes in fMRI BOLD dynamics reflect anticipation to moving objects. <i>NeuroImage</i> , 2017, 161, 188-195.	2.1	3
76	Preservation of hand movement representation in the sensorimotor areas of amputees. <i>Brain</i> , 2017, 140, 3166-3178.	3.7	62
77	No changes in functional connectivity during motor recovery beyond 5 weeks after stroke; A longitudinal resting-state fMRI study. <i>PLoS ONE</i> , 2017, 12, e0178017.	1.1	12
78	Fully Implanted Brain-Computer Interface in a Locked-In Patient with ALS. <i>New England Journal of Medicine</i> , 2016, 375, 2060-2066.	13.9	392
79	Intracranial Recordings of Occipital Cortex Responses to Illusory Visual Events. <i>Journal of Neuroscience</i> , 2016, 36, 6297-6311.	1.7	15
80	Predictive coding for motion stimuli in human early visual cortex. <i>Brain Structure and Function</i> , 2016, 221, 879-890.	1.2	29
81	Brain activation is related to smoothness of upper limb movements after stroke. <i>Experimental Brain Research</i> , 2016, 234, 2077-2089.	0.7	43
82	Give me a sign: decoding four complex hand gestures based on high-density ECoG. <i>Brain Structure and Function</i> , 2016, 221, 203-216.	1.2	78
83	Predictions to motion stimuli in human early visual cortex: Effects of motion displacement on motion predictability. <i>NeuroImage</i> , 2015, 118, 118-125.	2.1	3
84	BNCI Horizon 2020: towards a roadmap for the BCI community. <i>Brain-Computer Interfaces</i> , 2015, 2, 1-10.	0.9	169
85	Classification of mouth movements using 7 T fMRI. <i>Journal of Neural Engineering</i> , 2015, 12, 066026.	1.8	22
86	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. <i>Cortex</i> , 2015, 64, 235-248.	1.1	37
87	Brain Function and Upper Limb Outcome in Stroke: A Cross-Sectional fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0139746.	1.1	11
88	Spatiotemporal characteristics of electrocortical brain activity during mental calculation. <i>Human Brain Mapping</i> , 2014, 35, 5903-5920.	1.9	24
89	Task and task-free fMRI reproducibility comparison for motor network identification. <i>Human Brain Mapping</i> , 2014, 35, 340-352.	1.9	62
90	Cortical theta wanes for language. <i>NeuroImage</i> , 2014, 85, 738-748.	2.1	48

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91	Give Me a Sign: Decoding Complex Coordinated Hand Movements Using High-Field fMRI. <i>Brain Topography</i> , 2014, 27, 248-257.	0.8	30
92	Role of the endocannabinoid system in brain functions relevant for schizophrenia: An overview of human challenge studies with cannabis or Δ^9 -tetrahydrocannabinol (THC). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 52, 53-69.	2.5	56
93	Can fMRI safely replace the Wada test for preoperative assessment of language lateralisation? A meta-analysis and systematic review. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 581-588.	0.9	137
94	BOLD matches neuronal activity at the mm scale: A combined 7T fMRI and ECoG study in human sensorimotor cortex. <i>NeuroImage</i> , 2014, 101, 177-184.	2.1	97
95	Brain Implants for Substituting Lost Motor Function: State of the Art and Potential Impact on the Lives of Motor-Impaired Seniors. <i>Gerontology</i> , 2014, 60, 366-372.	1.4	6
96	Physiological Challenges for Intracortical Electrodes. <i>Brain Stimulation</i> , 2014, 7, 1-6.	0.7	59
97	Patterns of resting state connectivity in human primary visual cortical areas: A 7T fMRI study. <i>NeuroImage</i> , 2014, 84, 911-921.	2.1	55
98	Give Me a Sign: Studies on the Decodability of Hand Gestures Using Activity of the Sensorimotor Cortex as a Potential Control Signal for Implanted Brain Computer Interfaces. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2014, , 7-17.	0.3	3
99	Task-free electrocorticography frequency mapping of the motor cortex. <i>Clinical Neurophysiology</i> , 2013, 124, 1169-1174.	0.7	32
100	Navigation of a Telepresence Robot via Covert Visuospatial Attention and Real-Time fMRI. <i>Brain Topography</i> , 2013, 26, 177-185.	0.8	29
101	Understanding upper limb recovery after stroke. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 707-722.	0.4	170
102	Mismatch Between Electrocortical Stimulation and Electrocorticography Frequency Mapping of Language. <i>Brain Stimulation</i> , 2013, 6, 524-531.	0.7	41
103	Reliability of the corticospinal tract and arcuate fasciculus reconstructed with DTI-based tractography: implications for clinical practice. <i>European Radiology</i> , 2013, 23, 28-36.	2.3	24
104	7T fMRI reveals feasibility of covert visual attention-based brain-computer interfacing with signals obtained solely from cortical grey matter accessible by subdural surface electrodes. <i>Clinical Neurophysiology</i> , 2013, 124, 2191-2197.	0.7	6
105	The endocannabinoid system and emotional processing: A pharmacological fMRI study with Δ^9 -tetrahydrocannabinol. <i>European Neuropsychopharmacology</i> , 2013, 23, 1687-1697.	0.3	75
106	Testosterone administration in women increases amygdala responses to fearful and happy faces. <i>Psychoneuroendocrinology</i> , 2013, 38, 808-817.	1.3	79
107	Frequency specific spatial interactions in human electrocorticography: V1 alpha oscillations reflect surround suppression. <i>NeuroImage</i> , 2013, 65, 424-432.	2.1	75
108	BOLD Consistently Matches Electrophysiology in Human Sensorimotor Cortex at Increasing Movement Rates: A Combined 7T fMRI and ECoG Study on Neurovascular Coupling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1448-1456.	2.4	54

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109	Relation between functional magnetic resonance imaging (fMRI) and single neuron, local field potential (LFP) and electrocorticography (ECoG) activity in human cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 34.	1.0	89
110	Tentative Evidence for Striatal Hyperactivity in Adolescent Cannabis-Using Boys: A Cross-Sectional Multicenter fMRI Study. <i>Journal of Psychoactive Drugs</i> , 2013, 45, 156-167.	1.0	67
111	Propagating Neocortical Gamma Bursts Are Coordinated by Traveling Alpha Waves. <i>Journal of Neuroscience</i> , 2013, 33, 18849-18854.	1.7	138
112	THC reduces the anticipatory nucleus accumbens response to reward in subjects with a nicotine addiction. <i>Translational Psychiatry</i> , 2013, 3, e234-e234.	2.4	44
113	Reliability of two clinically relevant fiber pathways reconstructed with constrained spherical deconvolution. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1544-1556.	1.9	38
114	BOLD Specificity and Dynamics Evaluated in Humans at 7 T: Comparing Gradient-Echo and Spin-Echo Hemodynamic Responses. <i>PLoS ONE</i> , 2013, 8, e54560.	1.1	49
115	Integration of Motion Responses Underlying Directional Motion Anisotropy in Human Early Visual Cortical Areas. <i>PLoS ONE</i> , 2013, 8, e67468.	1.1	13
116	fMRI Guided rTMS Evidence for Reduced Left Prefrontal Involvement after Task Practice. <i>PLoS ONE</i> , 2013, 8, e80256.	1.1	7
117	Default Mode Network in the Effects of δ^9 -Tetrahydrocannabinol (THC) on Human Executive Function. <i>PLoS ONE</i> , 2013, 8, e70074.	1.1	53
118	Sleep spindles are locally modulated by training on a brain-computer interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18583-18588.	3.3	63
119	Dissociation between Neuronal Activity in Sensorimotor Cortex and Hand Movement Revealed as a Function of Movement Rate. <i>Journal of Neuroscience</i> , 2012, 32, 9736-9744.	1.7	39
120	Human Motor Cortical Activity Is Selectively Phase-Entrained on Underlying Rhythms. <i>PLoS Computational Biology</i> , 2012, 8, e1002655.	1.5	202
121	Signals Reflecting Brain Metabolic Activity. , 2012, , 66-77.		0
122	Real-time decoding of the direction of covert visuospatial attention. <i>Journal of Neural Engineering</i> , 2012, 9, 045004.	1.8	30
123	Effects of δ^9 -Tetrahydrocannabinol on Human Working Memory Function. <i>Biological Psychiatry</i> , 2012, 71, 693-699.	0.7	74
124	Error probability of intracranial brain computer interfaces under non-task elicited brain states. <i>Clinical Neurophysiology</i> , 2012, 123, 2392-2401.	0.7	1
125	Test-retest variability underlying fMRI measurements. <i>NeuroImage</i> , 2012, 60, 717-727.	2.1	42
126	The PRESTO technique for fMRI. <i>NeuroImage</i> , 2012, 62, 676-681.	2.1	36

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127	The neural mechanisms by which testosterone acts on interpersonal trust. <i>NeuroImage</i> , 2012, 61, 730-737.	2.1	86
128	Effects of δ^9 -Tetrahydrocannabinol Administration on Human Encoding and Recall Memory Function: A Pharmacological fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 588-599.	1.1	51
129	Neurophysiologic correlates of fMRI in human motor cortex. <i>Human Brain Mapping</i> , 2012, 33, 1689-1699.	1.9	166
130	Involvement of the endocannabinoid system in reward processing in the human brain. <i>Psychopharmacology</i> , 2012, 219, 981-990.	1.5	63
131	Efectos cr3nicos del consumo de cannabis sobre el sistema de recompensa humano: un estudio de RMf. <i>Psiquiatría Biológica</i> , 2011, 18, 45-54.	0.0	2
132	Reduced language lateralization in first-episode medication-naive schizophrenia. <i>Schizophrenia Research</i> , 2011, 127, 195-201.	1.1	36
133	Prefrontal lobe dysfunction predicts treatment response in medication-naive first-episode schizophrenia. <i>Schizophrenia Research</i> , 2011, 129, 156-162.	1.1	59
134	Evidence for involvement of the insula in the psychotropic effects of THC in humans: a double-blind, randomized pharmacological MRI study. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 1377-1388.	1.0	47
135	Real-Time Decoding of Brain Responses to Visuospatial Attention Using 7T fMRI. <i>PLoS ONE</i> , 2011, 6, e27638.	1.1	30
136	Cortical Depth-Dependent Temporal Dynamics of the BOLD Response in the Human Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1999-2008.	2.4	118
137	Cortical reorganisation in a preterm born child with unilateral watershed infarction. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 554-557.	0.7	1
138	Methods of the Pharmacological Imaging of the Cannabinoid System (<scp>PhICS</scp>) study: towards understanding the role of the brain endocannabinoid system in human cognition. <i>International Journal of Methods in Psychiatric Research</i> , 2011, 20, 10-27.	1.1	18
139	Functional MRI-based identification of brain areas involved in motor imagery for implantable brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2011, 8, 025007.	1.8	55
140	The effects of blood vessels on electrocorticography. <i>Journal of Neural Engineering</i> , 2011, 8, 044002.	1.8	20
141	Functional neuroimaging in neurosurgical practice. , 2011, , 207-227.		2
142	Trait and state dependent functional impairments in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 135-142.	0.9	43
143	Testosterone administration modulates neural responses to crying infants in young females. <i>Psychoneuroendocrinology</i> , 2010, 35, 114-121.	1.3	87
144	Reduced left subgenual anterior cingulate cortical activity during withdrawal-related emotions in melancholic depressed female patients. <i>Journal of Affective Disorders</i> , 2010, 127, 326-331.	2.0	18

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145	Brain-computer interfacing based on cognitive control. <i>Annals of Neurology</i> , 2010, 67, 809-816.	2.8	88
146	Automated electrocorticographic electrode localization on individually rendered brain surfaces. <i>Journal of Neuroscience Methods</i> , 2010, 185, 293-298.	1.3	257
147	Attentional modulation fails to attenuate the subjective pain experience in chronic, unexplained pain. <i>European Journal of Pain</i> , 2010, 14, 282.e1-10.	1.4	15
148	Lateralization of motor innervation in children with intractable focal epilepsy—A TMS and fMRI study. <i>Epilepsy Research</i> , 2010, 90, 140-150.	0.8	21
149	The role of functional magnetic resonance imaging in brain surgery. <i>Neurosurgical Focus</i> , 2010, 28, E4.	1.0	72
150	BCI control using 4 direction spatial visual attention and real-time fMRI at 7T. , 2010, 2010, 4221-5.		3
151	Review: Functional Neuroimaging Studies of Early Upper Limb Recovery After Stroke: A Systematic Review of the Literature. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 589-608.	1.4	120
152	Left dorsolateral prefrontal cortex dysfunction in medication-naïve schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 22-29.	1.1	60
153	Effects of exogenous testosterone on the ventral striatal BOLD response during reward anticipation in healthy women. <i>NeuroImage</i> , 2010, 52, 277-283.	2.1	218
154	Cannabis Use and Memory Brain Function in Adolescent Boys: A Cross-Sectional Multicenter Functional Magnetic Resonance Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572.e3.	0.3	89
155	Chronic effects of cannabis use on the human reward system: An fMRI study. <i>European Neuropsychopharmacology</i> , 2010, 20, 153-163.	0.3	150
156	Contribution of the left and right inferior frontal gyrus in recovery from aphasia. A functional MRI study in stroke patients with preserved hemodynamic responsiveness. <i>NeuroImage</i> , 2010, 49, 885-893.	2.1	101
157	Cannabis Use and Memory Brain Function in Adolescent Boys. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572.e3.	0.3	80
158	¹⁸ F-Tetrahydrocannabinol Induces Dopamine Release in the Human Striatum. <i>Neuropsychopharmacology</i> , 2009, 34, 759-766.	2.8	341
159	Detection of spontaneous class-specific visual stimuli with high temporal accuracy in human electrocorticography. , 2009, 2009, 6465-8.		4
160	Amygdala responses to positively and negatively valenced baby faces in healthy female volunteers: Influences of individual differences in harm avoidance. <i>Brain Research</i> , 2009, 1296, 94-103.	1.1	36
161	Cardiorespiratory effects on default-mode network activity as measured with fMRI. <i>Human Brain Mapping</i> , 2009, 30, 3031-3042.	1.9	113
162	A practical procedure for real-time functional mapping of eloquent cortex using electrocorticographic signals in humans. <i>Epilepsy and Behavior</i> , 2009, 15, 278-286.	0.9	140

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163	The brainâ€“computer interface cycle. <i>Journal of Neural Engineering</i> , 2009, 6, 041001.	1.8	220
164	fMRI based BCI control using spatial visual attention at 7T. , 2009, , .		4
165	Enhanced sensitivity with fast threeâ€“dimensional bloodâ€“oxygenâ€“levelâ€“dependent functional MRI: comparison of SENSEâ€“PRESTO and 2Dâ€“EPI at 3â€“T. <i>NMR in Biomedicine</i> , 2008, 21, 663-676.	1.6	100
166	Unimpaired sentence comprehension after anterior temporal cortex resection. <i>Neuropsychologia</i> , 2008, 46, 1170-1178.	0.7	40
167	Neural correlates of locative prepositions. <i>Neuropsychologia</i> , 2008, 46, 1576-1580.	0.7	40
168	Automatization and working memory capacity in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 161-171.	1.1	29
169	Exogenous Testosterone Enhances Responsiveness to Social Threat in the Neural Circuitry of Social Aggression in Humans. <i>Biological Psychiatry</i> , 2008, 63, 263-270.	0.7	332
170	Evidence of altered cortical and amygdala activation during social decision-making in schizophrenia. <i>NeuroImage</i> , 2008, 40, 719-727.	2.1	53
171	Within-subject variation in BOLD-fMRI signal changes across repeated measurements: Quantification and implications for sample size. <i>NeuroImage</i> , 2008, 42, 196-206.	2.1	92
172	Effects of cross-sex hormones on cerebral activation during language and mental rotation: An fMRI study in transsexuals. <i>European Neuropsychopharmacology</i> , 2008, 18, 215-221.	0.3	49
173	Assessment of Cognitive Brain Function in Ecstasy Users and Contributions of Other Drugs of Abuse: Results from an fMRI Study. <i>Neuropsychopharmacology</i> , 2008, 33, 247-258.	2.8	49
174	Specific effects of ecstasy and other illicit drugs on cognition in poly-substance users. <i>Psychological Medicine</i> , 2008, 38, 1309-1317.	2.7	44
175	Neurotoxic effects of ecstasy on the thalamus. <i>British Journal of Psychiatry</i> , 2008, 193, 289-296.	1.7	33
176	Practice Induces Function-Specific Changes in Brain Activity. <i>PLoS ONE</i> , 2008, 3, e3270.	1.1	16
177	Long-Term Consequences of Adolescent Cannabis Exposure on the Development of Cognition, Brain Structure and Function: An Overview of Animal and Human Research. <i>Current Drug Abuse Reviews</i> , 2008, 1, 114-123.	3.4	99
178	Working memory deficits after resection of the dorsolateral prefrontal cortex predicted by functional magnetic resonance imaging and electrocortical stimulation mapping. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 501-505.	0.8	10
179	Language Representation. <i>Journal of Neurosurgery</i> , 2007, 106, 726-727.	0.9	0
180	The physiological basis of visual hallucinations after damage to the primary visual cortex. <i>NeuroReport</i> , 2007, 18, 1177-1180.	0.6	16

#	ARTICLE	IF	CITATIONS
181	Spatial working memory in obsessive-compulsive disorder improves with clinical response: A functional MRI study. <i>European Neuropsychopharmacology</i> , 2007, 17, 16-23.	0.3	40
182	Effects of frequent cannabis use on hippocampal activity during an associative memory task. <i>European Neuropsychopharmacology</i> , 2007, 17, 289-297.	0.3	149
183	Test-retest reliability of fMRI activation during prosaccades and antisaccades. <i>NeuroImage</i> , 2007, 36, 532-542.	2.1	119
184	fMRI study of effort and information processing in a working memory task. <i>Human Brain Mapping</i> , 2007, 28, 431-440.	1.9	69
185	Involuntary language switching in two bilingual patients during the Wada test and intraoperative electrocortical stimulation. <i>Brain and Language</i> , 2007, 101, 31-37.	0.8	35
186	Incidental use of ecstasy: no evidence for harmful effects on cognitive brain function in a prospective fMRI study. <i>Psychopharmacology</i> , 2007, 193, 403-414.	1.5	35
187	Interactions between ego- and allocentric neuronal representations of space. <i>NeuroImage</i> , 2006, 31, 320-331.	2.1	137
188	Brain Activation During Antisaccades in Unaffected Relatives of Schizophrenic Patients. <i>Biological Psychiatry</i> , 2006, 59, 530-535.	0.7	67
189	Striatal Dysfunction in Schizophrenia and Unaffected Relatives. <i>Biological Psychiatry</i> , 2006, 60, 32-39.	0.7	102
190	The influence of amphetamine on language activation: an fMRI study. <i>Psychopharmacology</i> , 2006, 183, 387-393.	1.5	10
191	Long-term effects of frequent cannabis use on working memory and attention: an fMRI study. <i>Psychopharmacology</i> , 2006, 185, 358-368.	1.5	171
192	Towards human BCI applications based on cognitive brain systems: an investigation of neural signals recorded from the dorsolateral prefrontal cortex. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2006, 14, 214-217.	2.7	66
193	Effects of Aging on BOLD fMRI during Prosaccades and Antisaccades. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 594-603.	1.1	50
194	Saccadic abnormalities in psychotropic-naïve obsessive-compulsive disorder without co-morbidity. <i>Psychological Medicine</i> , 2006, 36, 1321-1326.	2.7	31
195	Discrepant findings for Wada test and functional magnetic resonance imaging with regard to language function: use of electrocortical stimulation mapping to confirm results. <i>Journal of Neurosurgery</i> , 2005, 102, 169-173.	0.9	32
196	Brain activation related to retrosaccades in saccade experiments. <i>NeuroReport</i> , 2005, 16, 1043-1047.	0.6	11
197	Cortical and subcortical contributions to saccade latency in the human brain. <i>European Journal of Neuroscience</i> , 2005, 21, 2853-2863.	1.2	44
198	Decreased thalamic blood flow in obsessive-compulsive disorder patients responding to fluvoxamine. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 89-97.	0.9	50

#	ARTICLE	IF	CITATIONS
199	Function of striatum beyond inhibition and execution of motor responses. <i>Human Brain Mapping</i> , 2005, 25, 336-344.	1.9	182
200	The Netherlands XTC Toxicity (NeXT) study: objectives and methods of a study investigating causality, course, and clinical relevance. <i>International Journal of Methods in Psychiatric Research</i> , 2005, 14, 167-185.	1.1	45
201	Perceptual bias following visual target selection. <i>NeuroImage</i> , 2005, 25, 1168-1174.	2.1	13
202	Negative priming in schizophrenia revisited. <i>Schizophrenia Research</i> , 2005, 79, 211-216.	1.1	15
203	Working memory capacity in schizophrenia: a parametric fMRI study. <i>Schizophrenia Research</i> , 2004, 68, 159-171.	1.1	185
204	Function localisation in neurosurgery: new tools, new practices?. <i>Clinical Neurology and Neurosurgery</i> , 2004, 107, 17-19.	0.6	4
205	A stereotactic method for image-guided transcranial magnetic stimulation validated with fMRI and motor-evoked potentials. <i>NeuroImage</i> , 2004, 21, 1805-1817.	2.1	112
206	Language activation in monozygotic twins discordant for schizophrenia. <i>British Journal of Psychiatry</i> , 2004, 184, 128-135.	1.7	75
207	Language lateralization in female patients with schizophrenia: an fMRI study. <i>Schizophrenia Research</i> , 2003, 60, 183-190.	1.1	110
208	Spatial working memory deficits in obsessive compulsive disorder are associated with excessive engagement of the medial frontal cortex. <i>NeuroImage</i> , 2003, 20, 2271-2280.	2.1	118
209	Neurophysiological factors in human information processing capacity. <i>Brain</i> , 2003, 127, 517-525.	3.7	69
210	Toward functional neuronavigation: implementation of functional magnetic resonance imaging data in a surgical guidance system for intraoperative identification of motor and language cortices. <i>Neurosurgical Focus</i> , 2003, 15, 1-6.	1.0	20
211	Interhemispheric Reorganization of Motor Hand Function to the Primary Motor Cortex Predicted With Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation. <i>Journal of Child Neurology</i> , 2002, 17, 292-297.	0.7	49
212	Language lateralization in monozygotic twin pairs concordant and discordant for handedness. <i>Brain</i> , 2002, 125, 2710-2718.	3.7	71
213	Neuronal Substrate of the Saccadic Inhibition Deficit in Schizophrenia Investigated With 3-Dimensional Event-Related Functional Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2002, 59, 313.	13.8	123
214	Excessive recruitment of neural systems subserving logical reasoning in schizophrenia. <i>Brain</i> , 2002, 125, 1793-1807.	3.7	81
215	Reproducibility of fMRI-Determined Language Lateralization in Individual Subjects. <i>Brain and Language</i> , 2002, 80, 421-437.	0.8	196
216	Functional MRI experiments: acquisition, analysis and interpretation of data. <i>European Neuropsychopharmacology</i> , 2002, 12, 517-526.	0.3	36

#	ARTICLE	IF	CITATIONS
217	fMRI-Determined Language Lateralization in Patients with Unilateral or Mixed Language Dominance According to the Wada Test. <i>NeuroImage</i> , 2002, 17, 447-460.	2.1	231
218	Functional anatomy of top-down visuospatial processing in the human brain: evidence from rTMS. <i>Cognitive Brain Research</i> , 2002, 14, 300-302.	3.3	51
219	Development of a functional magnetic resonance imaging protocol for intraoperative localization of critical temporoparietal language areas. <i>Annals of Neurology</i> , 2002, 51, 350-360.	2.8	270
220	Language lateralization in schizophrenia, an fMRI study. <i>Schizophrenia Research</i> , 2001, 52, 57-67.	1.1	267
221	Functional Anatomical Correlates of Controlled and Automatic Processing. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 730-743.	1.1	239
222	Combined Analysis of Language Tasks in fMRI Improves Assessment of Hemispheric Dominance for Language Functions in Individual Subjects. <i>NeuroImage</i> , 2001, 13, 719-733.	2.1	167
223	Activation of striate cortex in the absence of visual stimulation: an fMRI study of synesthesia. <i>NeuroReport</i> , 2001, 12, 2827-2830.	0.6	97
224	Handedness, language lateralisation and anatomical asymmetry in schizophrenia. <i>British Journal of Psychiatry</i> , 2001, 178, 344-351.	1.7	406
225	Endogenous opioids and reward. <i>European Journal of Pharmacology</i> , 2000, 405, 89-101.	1.7	144
226	Specific versus Nonspecific Brain Activity in a Parametric N-Back Task. <i>NeuroImage</i> , 2000, 12, 688-697.	2.1	188
227	Direct Comparison of Functional MRI and PET. <i>Medical Radiology</i> , 2000, , 421-431.	0.0	2
228	Language area localization with three-dimensional functional magnetic resonance imaging matches intrasulcal electrostimulation in Broca's area. <i>Annals of Neurology</i> , 1999, 46, 405-408.	2.8	120
229	Cerebral mirror-imaging in a monozygotic twin. <i>Lancet, The</i> , 1999, 354, 1445-1446.	6.3	38
230	Naltrexone affects cocaine self-administration in naïve rats through the ventral tegmental area rather than dopaminergic target regions. <i>European Neuropsychopharmacology</i> , 1999, 9, 93-99.	0.3	64
231	Functional Magnetic Resonance Imaging Brain Mapping in Psychiatry: Methodological Issues Illustrated in a Study of Working Memory in Schizophrenia. <i>Neuropsychopharmacology</i> , 1998, 18, 186-196.	2.8	293
232	Phase Navigator Correction in 3D fMRI Improves Detection of Brain Activation: Quantitative Assessment with a Graded Motor Activation Procedure. <i>NeuroImage</i> , 1998, 8, 240-248.	2.1	105
233	Statistical analysis of functional MRI data in the wavelet domain. <i>IEEE Transactions on Medical Imaging</i> , 1998, 17, 142-154.	5.4	129
234	Modulation of cocaine intravenous self-administration in drug-naive animals by dihydropyridine Ca ²⁺ channel modulators. <i>European Journal of Pharmacology</i> , 1996, 295, 19-25.	1.7	31

#	ARTICLE	IF	CITATIONS
235	Fast 3D functional magnetic resonance imaging at 1.5 T with spiral acquisition. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 620-626.	1.9	72
236	Reproducibility of human 3D fMRI brain maps acquired during a motor task. , 1996, 4, 113-121.		54
237	Functional Mapping of Human Sensorimotor Cortex with 3D BOLD fMRI Correlates Highly with H215O PET rCBF. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 755-764.	2.4	119
238	Three-dimensional functional magnetic resonance imaging of human brain on a clinical 1.5-T scanner.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6906-6910.	3.3	142
239	Lack of evidence for an involvement of nucleus accumbens dopamine D1 receptors in the initiation of heroin self-administration in the rat. <i>Psychopharmacology</i> , 1994, 114, 486-494.	1.5	77
240	Endorphins, emotional stress and experimental cocaine addiction. <i>European Neuropsychopharmacology</i> , 1994, 4, 208-210.	0.3	0
241	Emotional but not physical stress enhances intravenous cocaine self-administration in drug-naive rats. <i>Brain Research</i> , 1993, 608, 216-222.	1.1	124
242	Prenatal exposure to morphine enhances cocaine and heroin self-administration in drug-naive rats. <i>Drug and Alcohol Dependence</i> , 1993, 33, 41-51.	1.6	51
243	Reward and Abuse of Opiates. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992, 71, 81-94.	0.0	76
244	Intracerebroventricular naltrexone treatment attenuates acquisition of intravenous cocaine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 807-810.	1.3	56
245	Chronic pretreatment with naltrexone facilitates acquisition of intravenous cocaine self-administration in rats. <i>European Neuropsychopharmacology</i> , 1990, 1, 55-61.	0.3	32
246	The dopamine hypothesis of opiate reward challenged. <i>European Journal of Pharmacology</i> , 1987, 134, 239-243.	1.7	65
247	Functional MRI. , 0, , 413-453.		19