Nick F Ramsey

List of Publications by Year
in descending order

247 papers	14,706 citations	13099 68 h-index	25787 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.	2.2	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.	2.3	10
3	Investigating secondary white matter degeneration following ischemic stroke by modelling affected fiber tracts. NeuroImage: Clinical, 2022, 33, 102945.	2.7	4
4	Intracortical Somatosensory Stimulation to Elicit Fingertip Sensations in an Individual With Spinal Cord Injury. Neurology, 2022, 98, .	1.1	36
5	Open multimodal iEEG-fMRI dataset from naturalistic stimulation with a short audiovisual film. Scientific Data, 2022, 9, 91.	5.3	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.	3.2	8
7	Advances in human intracranial electroencephalography research, guidelines and good practices. NeuroImage, 2022, 260, 119438.	4.2	50
8	A functional MRI study of presurgical cognitive deficits in glioma patients. Neuro-Oncology Practice, 2021, 8, 81-90.	1.6	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.	4.2	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.	2.7	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.	3.5	5
12	Brain-Computer Interfaces for Communication: Preferences of Individuals With Locked-in Syndrome. Neurorehabilitation and Neural Repair, 2021, 35, 267-279.	2.9	16
13	Detailed somatotopy of tongue movement in the human sensorimotor cortex: A case study. Brain Stimulation, 2021, 14, 287-289.	1.6	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.	1.6	5
15	Decoding attempted phantom hand movements from ipsilateral sensorimotor areas after amputation. Journal of Neural Engineering, 2021, 18, 056037.	3.5	0
16	Size of the spatial correlation between ECoG and fMRI activity. NeuroImage, 2021, 242, 118459.	4.2	3
17	Associations of Regular Marijuana Use by Adolescent Boys With Verbal Memory and Perseveration. Psychological Reports, 2021, , 003329412198899.	1.7	2
18	Distinct representation of ipsilateral hand movements in sensorimotor areas. European Journal of Neuroscience, 2021, 54, 7599-7608.	2.6	5

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19	Decoding four hand gestures with a single bipolar pair of electrocorticography electrodes. Journal of Neural Engineering, 2021, 18, .	3.5	0
20	Novel intraoperative online functional mapping of somatosensory finger representations for targeted stimulating electrode placement: technical note. Journal of Neurosurgery, 2021, , 1-8.	1.6	14
21	The dorsolateral pre-frontal cortex bi-polar error-related potential in a locked-in patient implanted with a daily use brainâ€“computer interface. Control Theory and Technology, 2021, 19, 444-454.	1.6	0
22	A Novel 2D Standard Cartesian Representation for the Human Sensorimotor Cortex. Neuroinformatics, 2020, 18, 283-293.	2.8	1
23	Fatigue in brain tumor patients, towards a neuronal biomarker. NeuroImage: Clinical, 2020, 28, 102406.	2.7	12
24	Electrocorticography Evidence of Tactile Responses in Visual Cortices. Brain Topography, 2020, 33, 559-570.	1.8	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.	3.9	21
26	Automatic identification of atypical clinical fMRI results. Neuroradiology, 2020, 62, 1677-1688.	2.2	2
27	Cortical network responses map onto data-driven features that capture visual semantics of movie fragments. Scientific Reports, 2020, 10, 12077.	3.3	6
28	FEMfuns: A Volume Conduction Modeling Pipeline that Includes Resistive, Capacitive or Dispersive Tissue and Electrodes. Neuroinformatics, 2020, 18, 569-580.	2.8	11
29	Classification of Facial Expressions for Intended Display of Emotions Using Brainâ€“Computer Interfaces. Annals of Neurology, 2020, 88, 631-636.	5.3	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.	1.8	48
31	Brain-optimized extraction of complex sound features that drive continuous auditory perception. PLoS Computational Biology, 2020, 16, e1007992.	3.2	14
32	Processing of Targets and Non-targets in Verbal Working Memory. Neuroscience, 2020, 429, 273-281.	2.3	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.	1.8	4
34	When to include ECoG electrode properties in volume conduction models. Journal of Neural Engineering, 2020, 17, 056031.	3.5	5
35	A Functional Magnetic Resonance Imaging Approach for Language Laterality Assessment in Young Children. Frontiers in Pediatrics, 2020, 8, 587593.	1.9	4
36	Modeling the temporal dynamics of neural responses in human visual cortex. Journal of Vision, 2020, 20, 582.	0.3	0

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37	Intracranial recordings reveal unique shape and timing of responses in human visual cortex during illusory visual events. Journal of Vision, 2020, 20, 375.	0.3	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. Clinical Neurophysiology, 2019, 130, 1798-1803.	1.5	49
46	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. Scientific Data, 2019, 6, 102.	5.3	96
47	High-frequency band temporal dynamics in response to a grasp force task. Journal of Neural Engineering, 2019, 16, 056009.	3.5	11
48	Towards an intuitive communication-BCI: decoding visually imagined characters from the early visual cortex using high-field fMRI. Biomedical Physics and Engineering Express, 2019, 5, 055001.	1.2	4
49	Classification of Articulator Movements and Movement Direction from Sensorimotor Cortex Activity. Scientific Reports, 2019, 9, 14165.	3.3	17
50	Sensorimotor ECoG Signal Features for BCI Control: A Comparison Between People With Locked-In Syndrome and Able-Bodied Controls. Frontiers in Neuroscience, 2019, 13, 1058.	2.8	17
51	Brain Activity Associated With Expected Task Difficulty. Frontiers in Human Neuroscience, 2019, 13, 286.	2.0	6
52	Repeated Vowel Production Affects Features of Neural Activity in Sensorimotor Cortex. Brain Topography, 2019, 32, 97-110.	1.8	6
53	Acute effects of â^†9-tetrahydrocannabinol (THC) on resting state brain function and their modulation by COMT genotype. European Neuropsychopharmacology, 2019, 29, 766-776.	0.7	20
54	The effect of response frequency on cognitive brain activity during an alertness task. NeuroReport, 2019, 30, 1166-1171.	1.2	3

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55	Encoding of kinetic and kinematic movement parameters in the sensorimotor cortex: A Brainâ€€Computer Interface perspective. European Journal of Neuroscience, 2019, 50, 2755-2772.	2.6	23
56	Removal of epileptically compromised tissue in the frontal cortex restores oculomotor selection in the antisaccade task. Journal of Neuropsychology, 2019, 13, 289-304.	1.4	2
57	Spatial-Temporal Dynamics of the Sensorimotor Cortex: Sustained and Transient Activity. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1084-1092.	4.9	11
58	Knowing left from right: asymmetric functional connectivity during resting state. Brain Structure and Function, 2018, 223, 1909-1922.	2.3	42
59	Decoding spoken phonemes from sensorimotor cortex with high-density ECoG grids. NeuroImage, 2018, 180, 301-311.	4.2	89
60	ALICE: A tool for automatic localization of intra-cranial electrodes for clinical and high-density grids. Journal of Neuroscience Methods, 2018, 301, 43-51.	2.5	40
61	OS4.5 Working memory deficits in brain tumor patients are related to reduced default mode inhibition. Neuro-Oncology, 2018, 20, iii223-iii223.	1.2	0
62	The influence of prior pronunciations on sensorimotor cortex activity patterns during vowel production. Journal of Neural Engineering, 2018, 15, 066025.	3.5	9
63	Rapid acquisition of dynamic control over DLPFC using real-time fMRI feedback. European Neuropsychopharmacology, 2018, 28, 1194-1205.	0.7	10
64	Optimization of sampling rate and smoothing improves classification of high frequency power in electrocorticographic brain signals. Biomedical Physics and Engineering Express, 2018, 4, 045012.	1.2	6
65	Detailed view on slow sinusoidal, hemodynamic oscillations on the human brain cortex by <scp>F</scp>ourier transforming oxy/deoxy hyperspectral images. Human Brain Mapping, 2018, 39, 3558-3573.	3.6	18
66	Detailed somatotopy in primary motor and somatosensory cortex revealed by Gaussian population receptive fields. NeuroImage, 2018, 179, 337-347.	4.2	74
67	GridLoc: An automatic and unsupervised localization method for high-density ECoG grids. NeuroImage, 2018, 179, 225-234.	4.2	13
68	Workshops of the Sixth International Brainâ€“Computer Interface Meeting: brainâ€“computer interfaces past, present, and future. Brain-Computer Interfaces, 2017, 4, 3-36.	1.8	24
69	Correspondence between fMRI and electrophysiology during visual motion processing in human MT+. NeuroImage, 2017, 155, 480-489.	4.2	15
70	Decoding hand gestures from primary somatosensory cortex using high-density ECoG. NeuroImage, 2017, 147, 130-142.	4.2	101
71	The brain-computer interface researcherâ€™s questionnaire: from research to application. Brain-Computer Interfaces, 2017, 4, 236-247.	1.8	19
72	Estimated Prevalence of the Target Population for Brain-Computer Interface Neurotechnology in the Netherlands. Neurorehabilitation and Neural Repair, 2017, 31, 677-685.	2.9	20

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73	Neural Tuning to Low-Level Features of Speech throughout the Perisylvian Cortex. Journal of Neuroscience, 2017, 37, 7906-7920.	3.6	30
74	Separate spatial and temporal frequency tuning to visual motion in human MT+ measured with ECoG. Human Brain Mapping, 2017, 38, 293-307.	3.6	9
75	Changes in fMRI BOLD dynamics reflect anticipation to moving objects. NeuroImage, 2017, 161, 188-195.	4.2	3
76	Preservation of hand movement representation in the sensorimotor areas of amputees. Brain, 2017, 140, 3166-3178.	7.6	62
77	No changes in functional connectivity during motor recovery beyond 5 weeks after stroke; A longitudinal resting-state fMRI study. PLoS ONE, 2017, 12, e0178017.	2.5	12
78	Fully Implanted Brainâ€“Computer Interface in a Locked-In Patient with ALS. New England Journal of Medicine, 2016, 375, 2060-2066.	27.0	392
79	Intracranial Recordings of Occipital Cortex Responses to Illusory Visual Events. Journal of Neuroscience, 2016, 36, 6297-6311.	3.6	15
80	Predictive coding for motion stimuli in human early visual cortex. Brain Structure and Function, 2016, 221, 879-890.	2.3	29
81	Brain activation is related to smoothness of upper limb movements after stroke. Experimental Brain Research, 2016, 234, 2077-2089.	1.5	43
82	Give me a sign: decoding four complex hand gestures based on high-density ECoG. Brain Structure and Function, 2016, 221, 203-216.	2.3	78
83	Predictions to motion stimuli in human early visual cortex: Effects of motion displacement on motion predictability. NeuroImage, 2015, 118, 118-125.	4.2	3
84	BNCI Horizon 2020: towards a roadmap for the BCI community. Brain-Computer Interfaces, 2015, 2, 1-10.	1.8	169
85	Classification of mouth movements using 7 T fMRI. Journal of Neural Engineering, 2015, 12, 066026.	3.5	22
86	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. Cortex, 2015, 64, 235-248.	2.4	37
87	Brain Function and Upper Limb Outcome in Stroke: A Cross-Sectional fMRI Study. PLoS ONE, 2015, 10, e0139746.	2.5	11
88	Spatiotemporal characteristics of electrocortical brain activity during mental calculation. Human Brain Mapping, 2014, 35, 5903-5920.	3.6	24
89	Task and task-free FMRI reproducibility comparison for motor network identification. Human Brain Mapping, 2014, 35, 340-352.	3.6	62
90	Cortical theta wanes for language. NeuroImage, 2014, 85, 738-748.	4.2	48

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91	Give Me a Sign: Decoding Complex Coordinated Hand Movements Using High-Field fMRI. Brain Topography, 2014, 27, 248-257.	1.8	30
92	Role of the endocannabinoid system in brain functions relevant for schizophrenia: An overview of human challenge studies with cannabis or âˆ†9-tetrahydrocannabinol (THC). Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 52, 53-69.	4.8	56
93	Can fMRI safely replace the Wada test for preoperative assessment of language lateralisation? A meta-analysis and systematic review. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 581-588.	1.9	137
94	BOLD matches neuronal activity at the mm scale: A combined 7T fMRI and ECoG study in human sensorimotor cortex. NeuroImage, 2014, 101, 177-184.	4.2	97
95	Brain Implants for Substituting Lost Motor Function: State of the Art and Potential Impact on the Lives of Motor-Impaired Seniors. Gerontology, 2014, 60, 366-372.	2.8	6
96	Physiological Challenges for Intracortical Electrodes. Brain Stimulation, 2014, 7, 1-6.	1.6	59
97	Patterns of resting state connectivity in human primary visual cortical areas: A 7T fMRI study. NeuroImage, 2014, 84, 911-921.	4.2	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. Springer Briefs in Electrical and Computer Engineering, 2014, , 7-17.	0.5	3
99	Task-free electrocorticography frequency mapping of the motor cortex. Clinical Neurophysiology, 2013, 124, 1169-1174.	1.5	32
100	Navigation of a Telepresence Robot via Covert Visuospatial Attention and Real-Time fMRI. Brain Topography, 2013, 26, 177-185.	1.8	29
101	Understanding upper limb recovery after stroke. Restorative Neurology and Neuroscience, 2013, 31, 707-722.	0.7	170
102	Mismatch Between Electrocortical Stimulation and Electrocorticography Frequency Mapping of Language. Brain Stimulation, 2013, 6, 524-531.	1.6	41
103	Reliability of the corticospinal tract and arcuate fasciculus reconstructed with DTI-based tractography: implications for clinical practice. European Radiology, 2013, 23, 28-36.	4.5	24
104	7T fMRI reveals feasibility of covert visual attention-based brainâ€“computer interfacing with signals obtained solely from cortical grey matter accessible by subdural surface electrodes. Clinical Neurophysiology, 2013, 124, 2191-2197.	1.5	6
105	The endocannabinoid system and emotional processing: A pharmacological fMRI study with âˆ†9-tetrahydrocannabinol. European Neuropsychopharmacology, 2013, 23, 1687-1697.	0.7	75
106	Testosterone administration in women increases amygdala responses to fearful and happy faces. Psychoneuroendocrinology, 2013, 38, 808-817.	2.7	79
107	Frequency specific spatial interactions in human electrocorticography: V1 alpha oscillations reflect surround suppression. NeuroImage, 2013, 65, 424-432.	4.2	75
108	BOLD Consistently Matches Electrophysiology in Human Sensorimotor Cortex at Increasing Movement Rates: A Combined 7T fMRI and ECoG Study on Neurovascular Coupling. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1448-1456.	4.3	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. Frontiers in Human Neuroscience, 2013, 7, 34.	2.0	89
110	Tentative Evidence for Striatal Hyperactivity in Adolescent Cannabis-Using Boys: A Cross-Sectional Multicenter fMRI Study. Journal of Psychoactive Drugs, 2013, 45, 156-167.	1.7	67
111	Propagating Neocortical Gamma Bursts Are Coordinated by Traveling Alpha Waves. Journal of Neuroscience, 2013, 33, 18849-18854.	3.6	138
112	THC reduces the anticipatory nucleus accumbens response to reward in subjects with a nicotine addiction. Translational Psychiatry, 2013, 3, e234-e234.	4.8	44
113	Reliability of two clinically relevant fiber pathways reconstructed with constrained spherical deconvolution. Magnetic Resonance in Medicine, 2013, 70, 1544-1556.	3.0	38
114	BOLD Specificity and Dynamics Evaluated in Humans at 7 T: Comparing Gradient-Echo and Spin-Echo Hemodynamic Responses. PLoS ONE, 2013, 8, e54560.	2.5	49
115	Integration of Motion Responses Underlying Directional Motion Anisotropy in Human Early Visual Cortical Areas. PLoS ONE, 2013, 8, e67468.	2.5	13
116	fMRI Guided rTMS Evidence for Reduced Left Prefrontal Involvement after Task Practice. PLoS ONE, 2013, 8, e80256.	2.5	7
117	Default Mode Network in the Effects of Î”9-Tetrahydrocannabinol (THC) on Human Executive Function. PLoS ONE, 2013, 8, e70074.	2.5	53
118	Sleep spindles are locally modulated by training on a brainâ€“computer interface. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18583-18588.	7.1	63
119	Dissociation between Neuronal Activity in Sensorimotor Cortex and Hand Movement Revealed as a Function of Movement Rate. Journal of Neuroscience, 2012, 32, 9736-9744.	3.6	39
120	Human Motor Cortical Activity Is Selectively Phase-Entrained on Underlying Rhythms. PLoS Computational Biology, 2012, 8, e1002655.	3.2	202
121	Signals Reflecting Brain Metabolic Activity. , 2012, , 66-77.		0
122	Real-time decoding of the direction of covert visuospatial attention. Journal of Neural Engineering, 2012, 9, 045004.	3.5	30
123	Effects of Î”9-Tetrahydrocannabinol on Human Working Memory Function. Biological Psychiatry, 2012, 71, 693-699.	1.3	74
124	Error probability of intracranial brain computer interfaces under non-task elicited brain states. Clinical Neurophysiology, 2012, 123, 2392-2401.	1.5	1
125	Testâ€“retest variability underlying fMRI measurements. NeuroImage, 2012, 60, 717-727.	4.2	42
126	The PRESTO technique for fMRI. NeuroImage, 2012, 62, 676-681.	4.2	36

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127	The neural mechanisms by which testosterone acts on interpersonal trust. NeuroImage, 2012, 61, 730-737.	4.2	86
128	Effects of Î”9-Tetrahydrocannabinol Administration on Human Encoding and Recall Memory Function: A Pharmacological fMRI Study. Journal of Cognitive Neuroscience, 2012, 24, 588-599.	2.3	51
129	Neurophysiologic correlates of fMRI in human motor cortex. Human Brain Mapping, 2012, 33, 1689-1699.	3.6	166
130	Involvement of the endocannabinoid system in reward processing in the human brain. Psychopharmacology, 2012, 219, 981-990.	3.1	63
131	Efectos crÃ³nicos del consumo de cannabis sobre el sistema de recompensa humano: un estudio de RMf. Psiquiatria Biologica, 2011, 18, 45-54.	0.1	2
132	Reduced language lateralization in first-episode medication-naive schizophrenia. Schizophrenia Research, 2011, 127, 195-201.	2.0	36
133	Prefrontal lobe dysfunction predicts treatment response in medication-naive first-episode schizophrenia. Schizophrenia Research, 2011, 129, 156-162.	2.0	59
134	Evidence for involvement of the insula in the psychotropic effects of THC in humans: a double-blind, randomized pharmacological MRI study. International Journal of Neuropsychopharmacology, 2011, 14, 1377-1388.	2.1	47
135	Real-Time Decoding of Brain Responses to Visuospatial Attention Using 7T fMRI. PLoS ONE, 2011, 6, e27638.	2.5	30
136	Cortical Depth-Dependent Temporal Dynamics of the BOLD Response in the Human Brain. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1999-2008.	4.3	118
137	Cortical reorganisation in a preterm born child with unilateral watershed infarction. European Journal of Paediatric Neurology, 2011, 15, 554-557.	1.6	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. International Journal of Methods in Psychiatric Research, 2011, 20, 10-27.	2.1	18
139	Functional MRI-based identification of brain areas involved in motor imagery for implantable brainâ€“computer interfaces. Journal of Neural Engineering, 2011, 8, 025007.	3.5	55
140	The effects of blood vessels on electrocorticography. Journal of Neural Engineering, 2011, 8, 044002.	3.5	20
141	Functional neuroimaging in neurosurgical practice. , 2011, , 207-227.		2
142	Trait and state dependent functional impairments in bipolar disorder. Psychiatry Research - Neuroimaging, 2010, 184, 135-142.	1.8	43
143	Testosterone administration modulates neural responses to crying infants in young females. Psychoneuroendocrinology, 2010, 35, 114-121.	2.7	87
144	Reduced left subgenual anterior cingulate cortical activity during withdrawal-related emotions in melancholic depressed female patients. Journal of Affective Disorders, 2010, 127, 326-331.	4.1	18

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145	Brainâ€“computer interfacing based on cognitive control. Annals of Neurology, 2010, 67, 809-816.	5.3	88
146	Automated electrocorticographic electrode localization on individually rendered brain surfaces. Journal of Neuroscience Methods, 2010, 185, 293-298.	2.5	257
147	Attentional modulation fails to attenuate the subjective pain experience in chronic, unexplained pain. European Journal of Pain, 2010, 14, 282.e1-10.	2.8	15
148	Lateralization of motor innervation in children with intractable focal epilepsyâ€”A TMS and fMRI study. Epilepsy Research, 2010, 90, 140-150.	1.6	21
149	The role of functional magnetic resonance imaging in brain surgery. Neurosurgical Focus, 2010, 28, E4.	2.3	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. Neurorehabilitation and Neural Repair, 2010, 24, 589-608.	2.9	120
152	Left dorsolateral prefrontal cortex dysfunction in medication-naive schizophrenia. Schizophrenia Research, 2010, 123, 22-29.	2.0	60
153	Effects of exogenous testosterone on the ventral striatal BOLD response during reward anticipation in healthy women. NeuroImage, 2010, 52, 277-283.	4.2	218
154	Cannabis Use and Memory Brain Function in Adolescent Boys: A Cross-Sectional Multicenter Functional Magnetic Resonance Imaging Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 561-572.e3.	0.5	89
155	Chronic effects of cannabis use on the human reward system: An fMRI study. European Neuropsychopharmacology, 2010, 20, 153-163.	0.7	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. NeuroImage, 2010, 49, 885-893.	4.2	101
157	Cannabis Use and Memory Brain Function in Adolescent Boys. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 561-572e3.	0.5	80
158	Î”9-Tetrahydrocannabinol Induces Dopamine Release in the Human Striatum. Neuropsychopharmacology, 2009, 34, 759-766.	5.4	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. Brain Research, 2009, 1296, 94-103.	2.2	36
161	Cardiorespiratory effects on defaultâ€mode network activity as measured with fMRI. Human Brain Mapping, 2009, 30, 3031-3042.	3.6	113
162	A practical procedure for real-time functional mapping of eloquent cortex using electrocorticographic signals in humans. Epilepsy and Behavior, 2009, 15, 278-286.	1.7	140

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163	The brainâ€“computer interface cycle. Journal of Neural Engineering, 2009, 6, 041001.	3.5	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. NMR in Biomedicine, 2008, 21, 663-676.	2.8	100
166	Unimpaired sentence comprehension after anterior temporal cortex resection. Neuropsychologia, 2008, 46, 1170-1178.	1.6	40
167	Neural correlates of locative prepositions. Neuropsychologia, 2008, 46, 1576-1580.	1.6	40
168	Automatization and working memory capacity in schizophrenia. Schizophrenia Research, 2008, 100, 161-171.	2.0	29
169	Exogenous Testosterone Enhances Responsiveness to Social Threat in the Neural Circuitry of Social Aggression in Humans. Biological Psychiatry, 2008, 63, 263-270.	1.3	332
170	Evidence of altered cortical and amygdala activation during social decision-making in schizophrenia. NeuroImage, 2008, 40, 719-727.	4.2	53
171	Within-subject variation in BOLD-fMRI signal changes across repeated measurements: Quantification and implications for sample size. NeuroImage, 2008, 42, 196-206.	4.2	92
172	Effects of cross-sex hormones on cerebral activation during language and mental rotation: An fMRI study in transsexuals. European Neuropsychopharmacology, 2008, 18, 215-221.	0.7	49
173	Assessment of Cognitive Brain Function in Ecstasy Users and Contributions of Other Drugs of Abuse: Results from an fMRI Study. Neuropsychopharmacology, 2008, 33, 247-258.	5.4	49
174	Specific effects of ecstasy and other illicit drugs on cognition in poly-substance users. Psychological Medicine, 2008, 38, 1309-1317.	4.5	44
175	Neurotoxic effects of ecstasy on the thalamus. British Journal of Psychiatry, 2008, 193, 289-296.	2.8	33
176	Practice Induces Function-Specific Changes in Brain Activity. PLoS ONE, 2008, 3, e3270.	2.5	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. Current Drug Abuse Reviews, 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. Journal of Neurosurgery: Pediatrics, 2007, 106, 501-505.	1.3	10
179	Language Representation. Journal of Neurosurgery, 2007, 106, 726-727.	1.6	0
180	The physiological basis of visual hallucinations after damage to the primary visual cortex. NeuroReport, 2007, 18, 1177-1180.	1.2	16

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181	Spatial working memory in obsessiveâ€“compulsive disorder improves with clinical response: A functional MRI study. European Neuropsychopharmacology, 2007, 17, 16-23.	0.7	40
182	Effects of frequent cannabis use on hippocampal activity during an associative memory task. European Neuropsychopharmacology, 2007, 17, 289-297.	0.7	149
183	Testâ€“retest reliability of fMRI activation during prosaccades and antisaccades. NeuroImage, 2007, 36, 532-542.	4.2	119
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