

Simon B Eickhoff

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543 papers	45,173 citations	103 h-index	200 g-index
593 ext. papers	56,958 ext. citations	6.3 avg, IF	7.77 L-index

#	Paper	IF	Citations
543	A new SPM toolbox for combining probabilistic cytoarchitectonic maps and functional imaging data. <i>NeuroImage</i> , 2005 , 25, 1325-35	7.9	3115
542	Coordinate-based activation likelihood estimation meta-analysis of neuroimaging data: a random-effects approach based on empirical estimates of spatial uncertainty. <i>Human Brain Mapping</i> , 2009 , 30, 2907-26	5.9	1263
541	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. <i>NeuroImage</i> , 2013 , 64, 240-56	7.9	1024
540	The Human Brainnetome Atlas: A New Brain Atlas Based on Connectional Architecture. <i>Cerebral Cortex</i> , 2016 , 26, 3508-26	5.1	964
539	ALE meta-analysis of action observation and imitation in the human brain. <i>NeuroImage</i> , 2010 , 50, 1148-67	7.9	937
538	A link between the systems: functional differentiation and integration within the human insula revealed by meta-analysis. <i>Brain Structure and Function</i> , 2010 , 214, 519-34	4	872
537	Activation likelihood estimation meta-analysis revisited. <i>NeuroImage</i> , 2012 , 59, 2349-61	7.9	853
536	Behavioral interpretations of intrinsic connectivity networks. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 4022-37	3.1	769
535	Assignment of functional activations to probabilistic cytoarchitectonic areas revisited. <i>NeuroImage</i> , 2007 , 36, 511-21	7.9	756
534	Identification of a common neurobiological substrate for mental illness. <i>JAMA Psychiatry</i> , 2015 , 72, 305-15	11.5	711
533	Situating the default-mode network along a principal gradient of macroscale cortical organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12574-12579	11.5	706
532	Minimizing within-experiment and within-group effects in Activation Likelihood Estimation meta-analyses. <i>Human Brain Mapping</i> , 2012 , 33, 1-13	5.9	698
531	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. <i>Cerebral Cortex</i> , 2018 , 28, 3095-3114	5.1	687
530	Modelling neural correlates of working memory: a coordinate-based meta-analysis. <i>NeuroImage</i> , 2012 , 60, 830-46	7.9	581
529	Neural network of cognitive emotion regulation--an ALE meta-analysis and MACM analysis. <i>NeuroImage</i> , 2014 , 87, 345-55	7.9	504
528	Testing anatomically specified hypotheses in functional imaging using cytoarchitectonic maps. <i>NeuroImage</i> , 2006 , 32, 570-82	7.9	504
527	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. <i>NeuroImage</i> , 2017 , 154, 174-187	7.9	501

526	Minds at rest? Social cognition as the default mode of cognizing and its putative relationship to the "default system" of the brain. <i>Consciousness and Cognition</i> , 2008 , 17, 457-67	2.6	472
525	Cortical connectivity after subcortical stroke assessed with functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2008 , 63, 236-46	9.4	425
524	Investigating the functional heterogeneity of the default mode network using coordinate-based meta-analytic modeling. <i>Journal of Neuroscience</i> , 2009 , 29, 14496-505	6.6	412
523	Is the ADHD brain wired differently? A review on structural and functional connectivity in attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2010 , 31, 904-16	5.9	406
522	Parsing the neural correlates of moral cognition: ALE meta-analysis on morality, theory of mind, and empathy. <i>Brain Structure and Function</i> , 2012 , 217, 783-96	4	386
521	Sustaining attention to simple tasks: a meta-analytic review of the neural mechanisms of vigilant attention. <i>Psychological Bulletin</i> , 2013 , 139, 870-900	19.1	382
520	The human parietal operculum. I. Cytoarchitectonic mapping of subdivisions. <i>Cerebral Cortex</i> , 2006 , 16, 254-67	5.1	369
519	A quantitative meta-analysis and review of motor learning in the human brain. <i>NeuroImage</i> , 2013 , 67, 283-97	7.9	366
518	The human parietal operculum. II. Stereotaxic maps and correlation with functional imaging results. <i>Cerebral Cortex</i> , 2006 , 16, 268-79	5.1	362
517	Behavior, sensitivity, and power of activation likelihood estimation characterized by massive empirical simulation. <i>NeuroImage</i> , 2016 , 137, 70-85	7.9	346
516	Analysis of neural mechanisms underlying verbal fluency in cytoarchitectonically defined stereotaxic space--the roles of Brodmann areas 44 and 45. <i>NeuroImage</i> , 2004 , 22, 42-56	7.9	343
515	Co-activation patterns distinguish cortical modules, their connectivity and functional differentiation. <i>NeuroImage</i> , 2011 , 57, 938-49	7.9	326
514	Minds made for sharing: initiating joint attention recruits reward-related neurocircuitry. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 2702-15	3.1	319
513	Best practices in data analysis and sharing in neuroimaging using MRI. <i>Nature Neuroscience</i> , 2017 , 20, 299-303	25.5	312
512	Dynamic intra- and interhemispheric interactions during unilateral and bilateral hand movements assessed with fMRI and DCM. <i>NeuroImage</i> , 2008 , 41, 1382-94	7.9	303
511	The human inferior parietal lobule in stereotaxic space. <i>Brain Structure and Function</i> , 2008 , 212, 481-95	4	300
510	Ten simple rules for neuroimaging meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 151-161	1	296
509	Probabilistic maps, morphometry, and variability of cytoarchitectonic areas in the human superior parietal cortex. <i>Cerebral Cortex</i> , 2008 , 18, 2141-57	5.1	287

508	Anatomical and functional connectivity of cytoarchitectonic areas within the human parietal operculum. <i>Journal of Neuroscience</i> , 2010 , 30, 6409-21	6.6	283
507	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020 , 582, 84-88	50.4	281
506	Prefrontal involvement in imitation learning of hand actions: effects of practice and expertise. <i>NeuroImage</i> , 2007 , 37, 1371-83	7.9	270
505	Meta-analytical definition and functional connectivity of the human vestibular cortex. <i>NeuroImage</i> , 2012 , 60, 162-9	7.9	269
504	Functional Specialization and Flexibility in Human Association Cortex. <i>Cerebral Cortex</i> , 2015 , 25, 3654-72	5.1	265
503	ALE Meta-Analysis Workflows Via the Brainmap Database: Progress Towards A Probabilistic Functional Brain Atlas. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 23	3.9	263
502	Identification of Common Neural Circuit Disruptions in Cognitive Control Across Psychiatric Disorders. <i>American Journal of Psychiatry</i> , 2017 , 174, 676-685	11.9	258
501	Modulating cortical connectivity in stroke patients by rTMS assessed with fMRI and dynamic causal modeling. <i>NeuroImage</i> , 2010 , 50, 233-42	7.9	256
500	An investigation of the structural, connectional, and functional subspecialization in the human amygdala. <i>Human Brain Mapping</i> , 2013 , 34, 3247-66	5.9	251
499	Multidimensional assessment of empathic abilities: neural correlates and gender differences. <i>Psychoneuroendocrinology</i> , 2010 , 35, 67-82	5	251
498	Is there "one" DLPFC in cognitive action control? Evidence for heterogeneity from co-activation-based parcellation. <i>Cerebral Cortex</i> , 2013 , 23, 2677-89	5.1	246
497	The neural basis of drug stimulus processing and craving: an activation likelihood estimation meta-analysis. <i>Biological Psychiatry</i> , 2011 , 70, 785-793	7.9	240
496	Naturalizing aesthetics: brain areas for aesthetic appraisal across sensory modalities. <i>NeuroImage</i> , 2011 , 58, 250-8	7.9	239
495	Neural correlates of action: Comparing meta-analyses of imagery, observation, and execution. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 94, 31-44	9	233
494	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. <i>Cerebral Cortex</i> , 2019 , 29, 2533-2551	5.1	227
493	Observer-independent cytoarchitectonic mapping of the human superior parietal cortex. <i>Cerebral Cortex</i> , 2008 , 18, 846-67	5.1	223
492	Activation likelihood estimation meta-analysis of motor-related neural activity after stroke. <i>NeuroImage</i> , 2012 , 59, 2771-82	7.9	219
491	Cytoarchitectonic analysis of the human extrastriate cortex in the region of V5/MT+: a probabilistic, stereotaxic map of area hOc5. <i>Cerebral Cortex</i> , 2007 , 17, 562-74	5.1	215

490	Dynamic causal modeling of cortical activity from the acute to the chronic stage after stroke. <i>NeuroImage</i> , 2011 , 55, 1147-58	7.9	213
489	Effects of low-frequency repetitive transcranial magnetic stimulation of the contralesional primary motor cortex on movement kinematics and neural activity in subcortical stroke. <i>Archives of Neurology</i> , 2008 , 65, 741-7		204
488	The role of the right temporoparietal junction in attention and social interaction as revealed by ALE meta-analysis. <i>Brain Structure and Function</i> , 2015 , 220, 587-604	4	195
487	Brain structure anomalies in autism spectrum disorder--a meta-analysis of VBM studies using anatomic likelihood estimation. <i>Human Brain Mapping</i> , 2012 , 33, 1470-89	5.9	194
486	Introspective minds: using ALE meta-analyses to study commonalities in the neural correlates of emotional processing, social & unconstrained cognition. <i>PLoS ONE</i> , 2012 , 7, e30920	3.7	190
485	Connectivity-based parcellation: Critique and implications. <i>Human Brain Mapping</i> , 2015 , 36, 4771-92	5.9	189
484	Characterization of the temporo-parietal junction by combining data-driven parcellation, complementary connectivity analyses, and functional decoding. <i>NeuroImage</i> , 2013 , 81, 381-392	7.9	186
483	High-resolution MRI reflects myeloarchitecture and cytoarchitecture of human cerebral cortex. <i>Human Brain Mapping</i> , 2005 , 24, 206-15	5.9	185
482	Cytoarchitecture and probabilistic maps of the human posterior insular cortex. <i>Cerebral Cortex</i> , 2010 , 20, 1448-61	5.1	183
481	Dominance of the right hemisphere and role of area 2 in human kinesthesia. <i>Journal of Neurophysiology</i> , 2005 , 93, 1020-34	3.2	183
480	Probabilistic fibre tract analysis of cytoarchitectonically defined human inferior parietal lobule areas reveals similarities to macaques. <i>NeuroImage</i> , 2011 , 58, 362-80	7.9	181
479	One-year test-retest reliability of intrinsic connectivity network fMRI in older adults. <i>NeuroImage</i> , 2012 , 61, 1471-83	7.9	178
478	Imaging-based parcellations of the human brain. <i>Nature Reviews Neuroscience</i> , 2018 , 19, 672-686	13.5	177
477	The somatotopic organization of cytoarchitectonic areas on the human parietal operculum. <i>Cerebral Cortex</i> , 2007 , 17, 1800-11	5.1	174
476	Three key regions for supervisory attentional control: evidence from neuroimaging meta-analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 48, 22-34	9	172
475	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. <i>NeuroImage</i> , 2013 , 83, 45-57	7.9	167
474	Brain regions involved in human movement perception: a quantitative voxel-based meta-analysis. <i>Human Brain Mapping</i> , 2012 , 33, 431-54	5.9	163
473	A systems perspective on the effective connectivity of overt speech production. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 2399-421	3	159

472	Structural brain anomalies and chronic pain: a quantitative meta-analysis of gray matter volume. <i>Journal of Pain</i> , 2013 , 14, 663-75	5.2	158
471	The BrainMap strategy for standardization, sharing, and meta-analysis of neuroimaging data. <i>BMC Research Notes</i> , 2011 , 4, 349	2.3	157
470	Implementation errors in the GingerALE Software: Description and recommendations. <i>Human Brain Mapping</i> , 2017 , 38, 7-11	5.9	150
469	Identifying human parieto-insular vestibular cortex using fMRI and cytoarchitectonic mapping. <i>Human Brain Mapping</i> , 2006 , 27, 611-21	5.9	149
468	Segregation of the human medial prefrontal cortex in social cognition. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 232	3.3	147
467	Reinforcement learning models and their neural correlates: An activation likelihood estimation meta-analysis. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015 , 15, 435-59	3.5	141
466	Cytoarchitecture, probability maps and functions of the human frontal pole. <i>NeuroImage</i> , 2014 , 93 Pt 2, 260-75	7.9	135
465	Definition and characterization of an extended social-affective default network. <i>Brain Structure and Function</i> , 2015 , 220, 1031-49	4	134
464	Ventral visual cortex in humans: cytoarchitectonic mapping of two extrastriate areas. <i>Human Brain Mapping</i> , 2007 , 28, 1045-59	5.9	134
463	Subspecialization in the human posterior medial cortex. <i>NeuroImage</i> , 2015 , 106, 55-71	7.9	133
462	Specialisation in Broca's region for semantic, phonological, and syntactic fluency?. <i>NeuroImage</i> , 2008 , 40, 1362-8	7.9	133
461	Altered Brain Activity in Unipolar Depression Revisited: Meta-analyses of Neuroimaging Studies. <i>JAMA Psychiatry</i> , 2017 , 74, 47-55	14.5	130
460	Networks of task co-activations. <i>NeuroImage</i> , 2013 , 80, 505-14	7.9	125
459	What's in a smile? Neural correlates of facial embodiment during social interaction. <i>Social Neuroscience</i> , 2008 , 3, 37-50	2	125
458	Dose-dependent effects of theta burst rTMS on cortical excitability and resting-state connectivity of the human motor system. <i>Journal of Neuroscience</i> , 2014 , 34, 6849-59	6.6	124
457	A systematic review on the applications of resting-state fMRI in Parkinson's disease: Does dopamine replacement therapy play a role?. <i>Cortex</i> , 2015 , 73, 80-105	3.8	123
456	Quantitative architectural analysis: a new approach to cortical mapping. <i>Anatomy and Embryology</i> , 2005 , 210, 373-86		122
455	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. <i>Human Brain Mapping</i> , 2015 , 36, 238-57	5.9	121

454	Response properties of human amygdala subregions: evidence based on functional MRI combined with probabilistic anatomical maps. <i>PLoS ONE</i> , 2007 , 2, e307	3.7	119
453	Tackling the multifunctional nature of Broca's region meta-analytically: co-activation-based parcellation of area 44. <i>NeuroImage</i> , 2013 , 83, 174-88	7.9	118
452	ALE meta-analysis on facial judgments of trustworthiness and attractiveness. <i>Brain Structure and Function</i> , 2011 , 215, 209-23	4	117
451	Duration matters: dissociating neural correlates of detection and evaluation of social gaze. <i>NeuroImage</i> , 2009 , 46, 1154-63	7.9	116
450	Meta-analysis in human neuroimaging: computational modeling of large-scale databases. <i>Annual Review of Neuroscience</i> , 2014 , 37, 409-34	17	115
449	Psychosocial versus physiological stress - Meta-analyses on deactivations and activations of the neural correlates of stress reactions. <i>NeuroImage</i> , 2015 , 119, 235-51	7.9	111
448	Cytoarchitectonical analysis and probabilistic mapping of two extrastriate areas of the human posterior fusiform gyrus. <i>Brain Structure and Function</i> , 2013 , 218, 511-26	4	111
447	Neural activity in speech-sensitive auditory cortex during silence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 189-94	11.5	111
446	Functional neuroimaging of motor control in Parkinson's disease: a meta-analysis. <i>Human Brain Mapping</i> , 2014 , 35, 3227-37	5.9	110
445	Functional Segregation of the Human Dorsomedial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016 , 26, 304-21	5.1	109
444	The role of anterior midcingulate cortex in cognitive motor control: evidence from functional connectivity analyses. <i>Human Brain Mapping</i> , 2014 , 35, 2741-53	5.9	108
443	The "what" and "when" of self-initiated movements. <i>Cerebral Cortex</i> , 2013 , 23, 520-30	5.1	107
442	Functional lateralization of face, hand, and trunk representation in anatomically defined human somatosensory areas. <i>Cerebral Cortex</i> , 2008 , 18, 2820-30	5.1	104
441	Modality-specific perceptual expectations selectively modulate baseline activity in auditory, somatosensory, and visual cortices. <i>Cerebral Cortex</i> , 2011 , 21, 2850-62	5.1	103
440	Meta-analytic connectivity modeling reveals differential functional connectivity of the medial and lateral orbitofrontal cortex. <i>Cerebral Cortex</i> , 2014 , 24, 232-48	5.1	102
439	Effective connectivity of the left BA 44, BA 45, and inferior temporal gyrus during lexical and phonological decisions identified with DCM. <i>Human Brain Mapping</i> , 2009 , 30, 392-402	5.9	102
438	The role of the left Brodmann's areas 44 and 45 in reading words and pseudowords. <i>Cognitive Brain Research</i> , 2005 , 25, 982-93		102
437	Coordinate-based meta-analysis of experimentally induced and chronic persistent neuropathic pain. <i>NeuroImage</i> , 2011 , 58, 1070-80	7.9	97

436	Inter-individual variability in cortical excitability and motor network connectivity following multiple blocks of rTMS. <i>NeuroImage</i> , 2015 , 118, 209-18	7.9	96
435	Neural signatures of trust in reciprocity: A coordinate-based meta-analysis. <i>Human Brain Mapping</i> , 2017 , 38, 1233-1248	5.9	96
434	Topographic organization of the cerebral cortex and brain cartography. <i>NeuroImage</i> , 2018 , 170, 332-347	7.9	95
433	Functional heterogeneity of inferior parietal cortex during mathematical cognition assessed with cytoarchitectonic probability maps. <i>Cerebral Cortex</i> , 2009 , 19, 2930-45	5.1	93
432	On the functional anatomy of the urge-for-action. <i>Cognitive Neuroscience</i> , 2011 , 2, 227-243	1.7	93
431	How to Characterize the Function of a Brain Region. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 350-364	14	92
430	Noradrenergic enhancement improves motor network connectivity in stroke patients. <i>Annals of Neurology</i> , 2011 , 69, 375-88	9.4	91
429	Functional connectivity mapping of regions associated with self- and other-processing. <i>Human Brain Mapping</i> , 2015 , 36, 1304-24	5.9	90
428	Approaches for the integrated analysis of structure, function and connectivity of the human brain. <i>Clinical EEG and Neuroscience</i> , 2011 , 42, 107-21	2.3	90
427	Left inferior parietal lobe engagement in social cognition and language. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 319-334	9	90
426	Distinct and common aspects of physical and psychological self-representation in the brain: A meta-analysis of self-bias in facial and self-referential judgements. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 61, 197-207	9	89
425	Across-study and within-subject functional connectivity of a right temporo-parietal junction subregion involved in stimulus-context integration. <i>NeuroImage</i> , 2012 , 60, 2389-98	7.9	82
424	Dopaminergic modulation of motor network dynamics in Parkinson's disease. <i>Brain</i> , 2015 , 138, 664-78	11.2	80
423	Deep neural networks and kernel regression achieve comparable accuracies for functional connectivity prediction of behavior and demographics. <i>NeuroImage</i> , 2020 , 206, 116276	7.9	80
422	Identifying Neuroimaging Markers of Motor Disability in Acute Stroke by Machine Learning Techniques. <i>Cerebral Cortex</i> , 2015 , 25, 3046-56	5.1	79
421	Network connectivity and individual responses to brain stimulation in the human motor system. <i>Cerebral Cortex</i> , 2014 , 24, 1697-707	5.1	79
420	Functional reorganization in obstructive sleep apnoea and insomnia: A systematic review of the resting-state fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 77, 219-231	9	78
419	Segregation of visceral and somatosensory afferents: an fMRI and cytoarchitectonic mapping study. <i>NeuroImage</i> , 2006 , 31, 1004-14	7.9	78

418	Functional organization of human subgenual cortical areas: Relationship between architectonical segregation and connectional heterogeneity. <i>NeuroImage</i> , 2015 , 115, 177-90	7.9	77
417	Resting state functional connectivity in patients with chronic hallucinations. <i>PLoS ONE</i> , 2012 , 7, e43516	3.7	77
416	Incongruence effects in crossmodal emotional integration. <i>NeuroImage</i> , 2011 , 54, 2257-66	7.9	77
415	Computing the Social Brain Connectome Across Systems and States. <i>Cerebral Cortex</i> , 2018 , 28, 2207-2233	3.1	76
414	Human V5/MT+: comparison of functional and cytoarchitectonic data. <i>Anatomy and Embryology</i> , 2005 , 210, 485-95		76
413	Handedness and effective connectivity of the motor system. <i>NeuroImage</i> , 2014 , 99, 451-60	7.9	75
412	Changes in grey matter development in autism spectrum disorder. <i>Brain Structure and Function</i> , 2013 , 218, 929-42	4	74
411	Effects of rTMS on grip force control following subcortical stroke. <i>Experimental Neurology</i> , 2008 , 211, 407-12	5.7	73
410	Differentiated parietal connectivity of frontal regions for "what" and "where" memory. <i>Brain Structure and Function</i> , 2013 , 218, 1551-67	4	72
409	Brain alterations in children/adolescents with ADHD revisited: A neuroimaging meta-analysis of 96 structural and functional studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 100, 1-8	9	71
408	Structural and functional neural adaptations in obstructive sleep apnea: An activation likelihood estimation meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 65, 142-56	9	71
407	Bridging the gap between functional and anatomical features of cortico-cerebellar circuits using meta-analytic connectivity modeling. <i>Human Brain Mapping</i> , 2014 , 35, 3152-69	5.9	70
406	Gray matter asymmetries in aging and neurodegeneration: A review and meta-analysis. <i>Human Brain Mapping</i> , 2017 , 38, 5890-5904	5.9	70
405	Two New Cytoarchitectonic Areas on the Human Mid-Fusiform Gyrus. <i>Cerebral Cortex</i> , 2017 , 27, 373-385	5.1	70
404	The state of tranquility: subjective perception is shaped by contextual modulation of auditory connectivity. <i>NeuroImage</i> , 2010 , 53, 611-8	7.9	70
403	Different roles of cytoarchitectonic BA 44 and BA 45 in phonological and semantic verbal fluency as revealed by dynamic causal modelling. <i>NeuroImage</i> , 2009 , 48, 616-24	7.9	69
402	Empirical examination of the replicability of associations between brain structure and psychological variables. <i>eLife</i> , 2019 , 8,	8.9	69
401	Resting-state functional reorganization in Parkinson's disease: An activation likelihood estimation meta-analysis. <i>Cortex</i> , 2017 , 92, 119-138	3.8	68

400	Neurofunctional topography of the human hippocampus. <i>Human Brain Mapping</i> , 2015 , 36, 5018-37	5.9	68
399	Motor cortex excitability and connectivity in chronic stroke: a multimodal model of functional reorganization. <i>Brain Structure and Function</i> , 2015 , 220, 1093-107	4	67
398	Imitation and observational learning of hand actions: prefrontal involvement and connectivity. <i>NeuroImage</i> , 2012 , 59, 1668-83	7.9	67
397	Noradrenergic modulation of cortical networks engaged in visuomotor processing. <i>Cerebral Cortex</i> , 2010 , 20, 783-97	5.1	67
396	The modular neuroarchitecture of social judgments on faces. <i>Cerebral Cortex</i> , 2012 , 22, 951-61	5.1	67
395	Towards a human self-regulation system: Common and distinct neural signatures of emotional and behavioural control. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 90, 400-410	9	66
394	Predicting personality from network-based resting-state functional connectivity. <i>Brain Structure and Function</i> , 2018 , 223, 2699-2719	4	66
393	Automated regional behavioral analysis for human brain images. <i>Frontiers in Neuroinformatics</i> , 2012 , 6, 23	3.9	65
392	The functional neuroanatomy of male psychosexual and physiosexual arousal: a quantitative meta-analysis. <i>Human Brain Mapping</i> , 2014 , 35, 1404-21	5.9	64
391	Correspondent Functional Topography of the Human Left Inferior Parietal Lobule at Rest and Under Task Revealed Using Resting-State fMRI and Coactivation Based Parcellation. <i>Human Brain Mapping</i> , 2017 , 38, 1659-1675	5.9	63
390	Conceptualizing neuropsychiatric diseases with multimodal data-driven meta-analyses - the case of behavioral variant frontotemporal dementia. <i>Cortex</i> , 2014 , 57, 22-37	3.8	63
389	Differential involvement of the posterior temporal cortex in mentalizing but not perspective taking. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 279-89	4	62
388	Evidence for an anterior-posterior differentiation in the human hippocampal formation revealed by meta-analytic parcellation of fMRI coordinate maps: focus on the subiculum. <i>NeuroImage</i> , 2015 , 113, 44-60	7.9	61
387	Multimodal Abnormalities of Brain Structure and Function in Major Depressive Disorder: A Meta-Analysis of Neuroimaging Studies. <i>American Journal of Psychiatry</i> , 2020 , 177, 422-434	11.9	61
386	Identification of Common Neural Circuit Disruptions in Emotional Processing Across Psychiatric Disorders. <i>American Journal of Psychiatry</i> , 2020 , 177, 411-421	11.9	61
385	Studying variability in human brain aging in a population-based German cohort-rationale and design of 1000BRAINS. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 149	5.3	60
384	Functional characterization and differential coactivation patterns of two cytoarchitectonic visual areas on the human posterior fusiform gyrus. <i>Human Brain Mapping</i> , 2014 , 35, 2754-67	5.9	60
383	Investigating function and connectivity of morphometric findings--exemplified on cerebellar atrophy in spinocerebellar ataxia 17 (SCA17). <i>NeuroImage</i> , 2012 , 62, 1354-66	7.9	59

382	Cytoarchitectonic mapping of the human dorsal extrastriate cortex. <i>Brain Structure and Function</i> , 2013 , 218, 157-72	4	58
381	Neural correlates of the core facets of empathy in schizophrenia. <i>Schizophrenia Research</i> , 2012 , 136, 70-81	3.6	57
380	On the role of the ventral premotor cortex and anterior intraparietal area for predictive and reactive scaling of grip force. <i>Brain Research</i> , 2008 , 1228, 73-80	3.7	57
379	Interoperable atlases of the human brain. <i>NeuroImage</i> , 2014 , 99, 525-32	7.9	56
378	Sex Classification by Resting State Brain Connectivity. <i>Cerebral Cortex</i> , 2020 , 30, 824-835	5.1	56
377	Somatotopy and attentional modulation of the human parietal and opercular regions. <i>Journal of Neuroscience</i> , 2004 , 24, 5391-9	6.6	55
376	Subcortical and deep cortical atrophy in Frontotemporal Lobar Degeneration. <i>Neurobiology of Aging</i> , 2011 , 32, 875-84	5.6	54
375	Disordered corticolimbic interactions during affective processing in children and adolescents at risk for schizophrenia revealed by functional magnetic resonance imaging and dynamic causal modeling. <i>Archives of General Psychiatry</i> , 2012 , 69, 231-42		54
374	Evaluation of non-negative matrix factorization of grey matter in age prediction. <i>NeuroImage</i> , 2018 , 173, 394-410	7.9	53
373	Neuroanatomic changes and their association with cognitive decline in mild cognitive impairment: a meta-analysis. <i>Brain Structure and Function</i> , 2012 , 217, 115-25	4	53
372	Interindividual differences in cognitive flexibility: influence of gray matter volume, functional connectivity and trait impulsivity. <i>Brain Structure and Function</i> , 2015 , 220, 2401-14	4	52
371	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017 , 27, 2095-2110	5.1	52
370	Neural correlates of social approach and withdrawal in patients with major depression. <i>Social Neuroscience</i> , 2011 , 6, 482-501	2	52
369	Shall we do this together? Social gaze influences action control in a comparison group, but not in individuals with high-functioning autism. <i>Autism</i> , 2012 , 16, 151-62	6.6	52
368	Laminar distribution and co-distribution of neurotransmitter receptors in early human visual cortex. <i>Brain Structure and Function</i> , 2007 , 212, 255-67	4	52
367	Dissociable attentional and inhibitory networks of dorsal and ventral areas of the right inferior frontal cortex: a combined task-specific and coordinate-based meta-analytic fMRI study. <i>Brain Structure and Function</i> , 2016 , 221, 1635-51	4	51
366	Consistent neurodegeneration and its association with clinical progression in Huntington's disease: a coordinate-based meta-analysis. <i>Neurodegenerative Diseases</i> , 2013 , 12, 23-35	2.3	51
365	Dysregulated left inferior parietal activity in schizophrenia and depression: functional connectivity and characterization. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 268	3.3	51

364	Visual cortex abnormalities in adults with ADHD: a structural MRI study. <i>World Journal of Biological Psychiatry</i> , 2011 , 12, 260-70	3.8	51
363	Effects of timing and movement uncertainty implicate the temporo-parietal junction in the prediction of forthcoming motor actions. <i>NeuroImage</i> , 2009 , 47, 667-77	7.9	51
362	A cross-modal, cross-species comparison of connectivity measures in the primate brain. <i>NeuroImage</i> , 2016 , 125, 311-331	7.9	50
361	Organizational principles of human visual cortex revealed by receptor mapping. <i>Cerebral Cortex</i> , 2008 , 18, 2637-45	5.1	50
360	Shared Neural Phenotypes for Mood and Anxiety Disorders: A Meta-analysis of 226 Task-Related Functional Imaging Studies. <i>JAMA Psychiatry</i> , 2020 , 77, 172-179	14.5	50
359	Affordance processing in segregated parieto-frontal dorsal stream sub-pathways. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 69, 89-112	9	50
358	Assessing robustness against potential publication bias in Activation Likelihood Estimation (ALE) meta-analyses for fMRI. <i>PLoS ONE</i> , 2018 , 13, e0208177	3.7	50
357	Functional resting-state connectivity of the human motor network: differences between right- and left-handers. <i>NeuroImage</i> , 2015 , 109, 298-306	7.9	49
356	Aberrant connectivity of areas for decoding degraded speech in patients with auditory verbal hallucinations. <i>Brain Structure and Function</i> , 2014 , 219, 581-94	4	49
355	Functional organization of the fusiform gyrus revealed with connectivity profiles. <i>Human Brain Mapping</i> , 2016 , 37, 3003-16	5.9	48
354	A lack of consistent brain alterations in insomnia disorder: An activation likelihood estimation meta-analysis. <i>Sleep Medicine Reviews</i> , 2018 , 42, 111-118	10.2	48
353	Staying responsive to the world: modality-specific and -nonspecific contributions to speeded auditory, tactile, and visual stimulus detection. <i>Human Brain Mapping</i> , 2012 , 33, 398-418	5.9	48
352	Individual prediction of chronic motor outcome in the acute post-stroke stage: Behavioral parameters versus functional imaging. <i>Human Brain Mapping</i> , 2015 , 36, 4553-65	5.9	48
351	Energetic effects of stimulus intensity on prolonged simple reaction-time performance. <i>Psychological Research</i> , 2010 , 74, 499-512	2.5	48
350	Cytoarchitecture and probability maps of the human medial orbitofrontal cortex. <i>Cortex</i> , 2016 , 75, 87-112	3.8	47
349	Crossmodal interactions in audiovisual emotion processing. <i>NeuroImage</i> , 2012 , 60, 553-61	7.9	47
348	State-dependent differences between functional and effective connectivity of the human cortical motor system. <i>NeuroImage</i> , 2013 , 67, 237-46	7.9	46
347	BA3b and BA1 activate in a serial fashion after median nerve stimulation: direct evidence from combining source analysis of evoked fields and cytoarchitectonic probabilistic maps. <i>NeuroImage</i> , 2011 , 54, 60-73	7.9	46

346	Comparison of structural covariance with functional connectivity approaches exemplified by an investigation of the left anterior insula. <i>NeuroImage</i> , 2014 , 99, 269-80	7.9	45
345	Determination of the posterior boundary of Wernicke's area based on multimodal connectivity profiles. <i>Human Brain Mapping</i> , 2015 , 36, 1908-24	5.9	45
344	Modulating the processing of emotional stimuli by cognitive demand. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 263-73	4	45
343	Who is to blame? Neural correlates of causal attribution in social situations. <i>Social Neuroscience</i> , 2010 , 5, 335-50	2	45
342	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. <i>NeuroImage</i> , 2018 , 170, 400-411	7.9	44
341	A view behind the mask of sanity: meta-analysis of aberrant brain activity in psychopaths. <i>Molecular Psychiatry</i> , 2019 , 24, 463-470	15.1	44
340	Convergence of human brain mapping tools: neuronavigated TMS parameters and fMRI activity in the hand motor area. <i>Human Brain Mapping</i> , 2012 , 33, 1107-23	5.9	44
339	Network dynamics engaged in the modulation of motor behavior in healthy subjects. <i>NeuroImage</i> , 2013 , 82, 68-76	7.9	44
338	BrainMap VBM: An environment for structural meta-analysis. <i>Human Brain Mapping</i> , 2018 , 39, 3308-3325	5.9	43
337	Human pulvinar functional organization and connectivity. <i>Human Brain Mapping</i> , 2015 , 36, 2417-31	5.9	42
336	Meta-analytic connectivity and behavioral parcellation of the human cerebellum. <i>NeuroImage</i> , 2015 , 117, 327-42	7.9	42
335	Aberrant resting-state connectivity in non-psychotic individuals with auditory hallucinations. <i>Psychological Medicine</i> , 2013 , 43, 1685-96	6.9	42
334	Eyes on me: an fMRI study of the effects of social gaze on action control. <i>Social Cognitive and Affective Neuroscience</i> , 2011 , 6, 393-403	4	42
333	Multimodal Parcellations and Extensive Behavioral Profiling Tackling the Hippocampus Gradient. <i>Cerebral Cortex</i> , 2019 , 29, 4595-4612	5.1	41
332	Neural networks related to dysfunctional face processing in autism spectrum disorder. <i>Brain Structure and Function</i> , 2015 , 220, 2355-71	4	41
331	Comparison of functional and cytoarchitectonic maps of human visual areas V1, V2, V3d, V3v, and V4(v). <i>NeuroImage</i> , 2010 , 49, 1171-9	7.9	40
330	Correlations Between Personality and Brain Structure: A Crucial Role of Gender. <i>Cerebral Cortex</i> , 2017 , 27, 3698-3712	5.1	40
329	Sex differences in the functional connectivity of the amygdalae in association with cortisol. <i>NeuroImage</i> , 2016 , 134, 410-423	7.9	40

328	Network Architecture Underlying Basal Autonomic Outflow: Evidence from Frontotemporal Dementia. <i>Journal of Neuroscience</i> , 2018 , 38, 8943-8955	6.6	40
327	Co-Activation-Based Parcellation of the Lateral Prefrontal Cortex Delineates the Inferior Frontal Junction Area. <i>Cerebral Cortex</i> , 2016 , 26, 2225-2241	5.1	39
326	Functional topography of the right inferior parietal lobule structured by anatomical connectivity profiles. <i>Human Brain Mapping</i> , 2016 , 37, 4316-4332	5.9	39
325	Games people play-toward an enactive view of cooperation in social neuroscience. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 148	3.3	39
324	Increased activation of the supragenual anterior cingulate cortex during visual emotional processing in male subjects with high degrees of alexithymia: an event-related fMRI study. <i>Psychotherapy and Psychosomatics</i> , 2010 , 79, 363-70	9.4	39
323	Differential modulation of motor network connectivity during movements of the upper and lower limbs. <i>NeuroImage</i> , 2015 , 119, 44-53	7.9	38
322	Human Pregenual Anterior Cingulate Cortex: Structural, Functional, and Connectional Heterogeneity. <i>Cerebral Cortex</i> , 2019 , 29, 2552-2574	5.1	38
321	Effects of prior information on decoding degraded speech: an fMRI study. <i>Human Brain Mapping</i> , 2014 , 35, 61-74	5.9	38
320	A coordinate-based meta-analytic model of trauma processing in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2013 , 34, 3392-9	5.9	38
319	Adult age-dependent differences in resting-state connectivity within and between visual-attention and sensorimotor networks. <i>Frontiers in Aging Neuroscience</i> , 2013 , 5, 67	5.3	38
318	Dissociating bottom-up and top-down processes in a manual stimulus-response compatibility task. <i>Journal of Neurophysiology</i> , 2010 , 104, 1472-83	3.2	38
317	Electrophysiology meets fMRI: neural correlates of the startle reflex assessed by simultaneous EMG-fMRI data acquisition. <i>Human Brain Mapping</i> , 2010 , 31, 1675-85	5.9	38
316	Functional Segregation of the Right Inferior Frontal Gyrus: Evidence From Coactivation-Based Parcellation. <i>Cerebral Cortex</i> , 2019 , 29, 1532-1546	5.1	38
315	Cytoarchitecture, probability maps, and functions of the human supplementary and pre-supplementary motor areas. <i>Brain Structure and Function</i> , 2018 , 223, 4169-4186	4	38
314	Multimodal evaluation of the amygdala's functional connectivity. <i>NeuroImage</i> , 2017 , 148, 219-229	7.9	37
313	Best Practices in Data Analysis and Sharing in Neuroimaging using MRI		37
312	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. <i>NeuroImage: Clinical</i> , 2016 , 11, 494-507	5.3	37
311	Altered resting-state network connectivity in stroke patients with and without apraxia of speech. <i>NeuroImage: Clinical</i> , 2015 , 8, 429-39	5.3	36

310	Left cytoarchitectonic area 44 supports selection in the mental lexicon during language production. <i>Brain Structure and Function</i> , 2009 , 213, 441-56	4	36
309	Human superior parietal lobule is involved in somatic perception of bimanual interaction with an external object. <i>Journal of Neurophysiology</i> , 2008 , 99, 695-703	3.2	36
308	Age- and function-related regional changes in cortical folding of the default mode network in older adults. <i>Brain Structure and Function</i> , 2017 , 222, 83-99	4	35
307	Differential Patterns of Dysconnectivity in Mirror Neuron and Mentalizing Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016 , 42, 1135-48	1.3	35
306	Practical recommendations to conduct a neuroimaging meta-analysis for neuropsychiatric disorders. <i>Human Brain Mapping</i> , 2019 , 40, 5142-5154	5.9	35
305	Meta-analytically informed network analysis of resting state fMRI reveals hyperconnectivity in an introspective socio-affective network in depression. <i>PLoS ONE</i> , 2014 , 9, e94973	3.7	35
304	Animated brain: a functional neuroimaging study on animacy experience. <i>NeuroImage</i> , 2010 , 53, 291-302	7.9	35
303	Central adaptation following heterotopic hand replantation probed by fMRI and effective connectivity analysis. <i>Experimental Neurology</i> , 2008 , 212, 132-44	5.7	35
302	Feature- and object-based attentional modulation in the human auditory "where" pathway. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1721-33	3.1	35
301	Love is analogous to money in human brain: Coordinate-based and functional connectivity meta-analyses of social and monetary reward anticipation. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 100, 108-128	9	34
300	Age-related decrease of functional connectivity additional to gray matter atrophy in a network for movement initiation. <i>Brain Structure and Function</i> , 2015 , 220, 999-1012	4	34
299	Cytoarchitecture of the human lateral occipital cortex: mapping of two extrastriate areas hOc4la and hOc4lp. <i>Brain Structure and Function</i> , 2016 , 221, 1877-97	4	34
298	Reduced intra-amygdala activity to positively valenced faces in adolescent schizophrenia offspring. <i>Schizophrenia Research</i> , 2010 , 123, 126-36	3.6	34
297	Brain Activation in Primary Motor and Somatosensory Cortices during Motor Imagery Correlates with Motor Imagery Ability in Stroke Patients. <i>ISRN Neurology</i> , 2012 , 2012, 613595		34
296	Observer-independent analysis of high-resolution MR images of the human cerebral cortex: in vivo delineation of cortical areas. <i>Human Brain Mapping</i> , 2007 , 28, 1-8	5.9	34
295	Analysis of neurotransmitter receptor distribution patterns in the cerebral cortex. <i>NeuroImage</i> , 2007 , 34, 1317-30	7.9	34
294	Coordinate-based (ALE) meta-analysis of brain activation in patients with fibromyalgia. <i>Human Brain Mapping</i> , 2016 , 37, 1749-58	5.9	34
293	Accurate nonlinear mapping between MNI volumetric and FreeSurfer surface coordinate systems. <i>Human Brain Mapping</i> , 2018 , 39, 3793-3808	5.9	34

292	Interindividual differences in motor network connectivity and behavioral response to iTBS in stroke patients. <i>NeuroImage: Clinical</i> , 2017 , 15, 559-571	5.3	33
291	fMRI reveals cognitive and emotional processing in a long-term comatose patient. <i>Experimental Neurology</i> , 2008 , 214, 240-6	5.7	33
290	The neural basis of sex differences in sexual behavior: A quantitative meta-analysis. <i>Frontiers in Neuroendocrinology</i> , 2016 , 43, 28-43	8.9	33
289	The role of the anterior insula in social norm compliance and enforcement: Evidence from coordinate-based and functional connectivity meta-analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 92, 378-389	9	33
288	Progressive pathology is functionally linked to the domains of language and emotion: meta-analysis of brain structure changes in schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011 , 261 Suppl 2, S166-71	5.1	32
287	Meta-analytic connectivity modeling revisited: controlling for activation base rates. <i>NeuroImage</i> , 2014 , 99, 559-70	7.9	31
286	Microstructural grey matter parcellation and its relevance for connectome analyses. <i>NeuroImage</i> , 2013 , 80, 18-26	7.9	31
285	Neural correlates of formal thought disorder: An activation likelihood estimation meta-analysis. <i>Human Brain Mapping</i> , 2017 , 38, 4946-4965	5.9	31
284	Your evidence? Machine learning algorithms for medical diagnosis and prediction. <i>Human Brain Mapping</i> , 2020 , 41, 1435-1444	5.9	31
283	Common and distinct neural correlates of dual-tasking and task-switching: a meta-analytic review and a neuro-cognitive processing model of human multitasking. <i>Brain Structure and Function</i> , 2019 , 224, 1845-1869	4	30
282	Mapping repetition suppression of the P50 evoked response to the human cerebral cortex. <i>Clinical Neurophysiology</i> , 2013 , 124, 675-85	4.3	30
281	Dysfunction and Dysconnection in Cortical-Striatal Networks during Sustained Attention: Genetic Risk for Schizophrenia or Bipolar Disorder and its Impact on Brain Network Function. <i>Frontiers in Psychiatry</i> , 2014 , 5, 50	5	30
280	Multiple large-scale neural networks underlying emotion regulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 116, 382-395	9	30
279	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. <i>Cortex</i> , 2017 , 89, 28-44	3.8	29
278	A domain-general brain network underlying emotional and cognitive interference processing: evidence from coordinate-based and functional connectivity meta-analyses. <i>Brain Structure and Function</i> , 2018 , 223, 3813-3840	4	29
277	Are morphological changes necessary to mediate the therapeutic effects of electroconvulsive therapy?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016 , 266, 261-7	5.1	28
276	Convergent neural representations of experimentally-induced acute pain in healthy volunteers: A large-scale fMRI meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 300-323	9	28
275	Medial Prefrontal Aberrations in Major Depressive Disorder Revealed by Cytoarchitectonically Informed Voxel-Based Morphometry. <i>American Journal of Psychiatry</i> , 2016 , 173, 291-8	11.9	28

274	Sequential evolution of cortical activity and effective connectivity of swallowing using fMRI. <i>Human Brain Mapping</i> , 2014 , 35, 5962-73	5.9	28
273	Dynamic interactions in the fronto-parietal network during a manual stimulus-response compatibility task. <i>NeuroImage</i> , 2011 , 58, 860-9	7.9	28
272	Specific and disease stage-dependent episodic memory-related brain activation patterns in Alzheimer's disease: a coordinate-based meta-analysis. <i>Brain Structure and Function</i> , 2015 , 220, 1555-71	4	27
271	Towards clinical applications of movie fMRI. <i>NeuroImage</i> , 2020 , 217, 116860	7.9	27
270	A neural circuit encoding sexual preference in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 530-536	9	27
269	Neural correlates of depressive realism--an fMRI study on causal attribution in depression. <i>Journal of Affective Disorders</i> , 2012 , 138, 268-76	6.6	27
268	Connectivity of the subthalamic nucleus and globus pallidus pars interna to regions within the speech network: a meta-analytic connectivity study. <i>Human Brain Mapping</i> , 2014 , 35, 3499-516	5.9	27
267	Lack of meta-analytic evidence for an impact of COMT Val158Met genotype on brain activation during working memory tasks. <i>Biological Psychiatry</i> , 2015 , 78, e43-6	7.9	26
266	Multimodal connectivity of motor learning-related dorsal premotor cortex. <i>NeuroImage</i> , 2015 , 123, 114-28	7.9	26
265	Social comparison in the brain: A coordinate-based meta-analysis of functional brain imaging studies on the downward and upward comparisons. <i>Human Brain Mapping</i> , 2018 , 39, 440-458	5.9	26
264	The intrinsic resting state voice network in Parkinson's disease. <i>Human Brain Mapping</i> , 2015 , 36, 1951-62	5.9	26
263	Cytoarchitectonic mapping of the human brain cerebellar nuclei in stereotaxic space and delineation of their co-activation patterns. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 54	3.6	26
262	Ventral and dorsal stream interactions during the perception of the Müller-Lyer illusion: evidence derived from fMRI and dynamic causal modeling. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 2015-29	3.1	26
261	Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function. <i>Human Brain Mapping</i> , 2018 , 39, 644-661	5.9	26
260	Compression of Cerebellar Functional Gradients in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020 ,	1.3	25
259	Brain networks of perceptual decision-making: an fMRI ALE meta-analysis. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 445	3.3	25
258	Neural correlates of effective and ineffective mood induction. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 864-72	4	25
257	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020 , 6,	14.3	25

256	Multimodal connectivity-based parcellation reveals a shell-core dichotomy of the human nucleus accumbens. <i>Human Brain Mapping</i> , 2017 , 38, 3878-3898	5.9	24
255	Functional brain alterations in acute sleep deprivation: An activation likelihood estimation meta-analysis. <i>Sleep Medicine Reviews</i> , 2019 , 46, 64-73	10.2	24
254	Neural substrates of the emotion-word and emotional counting Stroop tasks in healthy and clinical populations: A meta-analysis of functional brain imaging studies. <i>NeuroImage</i> , 2018 , 173, 258-274	7.9	24
253	Cooperating yet distinct brain networks engaged during naturalistic paradigms: A meta-analysis of functional MRI results. <i>Network Neuroscience</i> , 2019 , 3, 27-48	5.6	24
252	On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivity-based single-subject classification. <i>Human Brain Mapping</i> , 2017 , 38, 5845-5858 ²⁴	5.9	24
251	Differential activation of memory-relevant brain regions during a dialysis cycle. <i>Kidney International</i> , 2010 , 78, 794-802	9.9	24
250	Cognitive levels of performance account for hemispheric lateralisation effects in dyslexic and normally reading children. <i>NeuroImage</i> , 2010 , 53, 1346-58	7.9	24
249	Inhibition of the anterior intraparietal area and the dorsal premotor cortex interfere with arbitrary visuo-motor mapping. <i>Clinical Neurophysiology</i> , 2010 , 121, 408-13	4.3	24
248	Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. <i>Biological Psychiatry</i> , 2020 , 87, 282-293	7.9	24
247	ANIMA: A data-sharing initiative for neuroimaging meta-analyses. <i>NeuroImage</i> , 2016 , 124, 1245-1253	7.9	23
246	Combining lifestyle risks to disentangle brain structure and functional connectivity differences in older adults. <i>Nature Communications</i> , 2019 , 10, 621	17.4	23
245	Influence of task instructions and stimuli on the neural network of face processing: An ALE meta-analysis. <i>Cortex</i> , 2018 , 103, 240-255	3.8	23
244	Connectivity and functional profiling of abnormal brain structures in pedophilia. <i>Human Brain Mapping</i> , 2015 , 36, 2374-86	5.9	23
243	Effective connectivity of the anterior hippocampus predicts recollection confidence during natural memory retrieval. <i>Nature Communications</i> , 2018 , 9, 4875	17.4	23
242	Dissociable meta-analytic brain networks contribute to coordinated emotional processing. <i>Human Brain Mapping</i> , 2018 , 39, 2514-2531	5.9	22
241	Resting-state test-retest reliability of a priori defined canonical networks over different preprocessing steps. <i>Brain Structure and Function</i> , 2017 , 222, 1447-1468	4	22
240	Differential effects of dopaminergic medication on basic motor performance and executive functions in Parkinson's disease. <i>Neuropsychologia</i> , 2012 , 50, 2506-14	3.2	22
239	Diminished activation of motor working-memory networks in Parkinson's disease. <i>PLoS ONE</i> , 2013 , 8, e61786	3.7	22

238	Functional connectivity modeling of consistent cortico-striatal degeneration in Huntington's disease. <i>NeuroImage: Clinical</i> , 2015 , 7, 640-52	5.3	21
237	Functional Decoding and Meta-analytic Connectivity Modeling in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2016 , 80, 896-904	7.9	21
236	An age-related shift of resting-state functional connectivity of the subthalamic nucleus: a potential mechanism for compensating motor performance decline in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 178	5.3	21
235	Different involvement of subregions within dorsal premotor and medial frontal cortex for pro- and antisaccades. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 256-269	9	21
234	Systematic Review and Meta-analysis: Resting-State Functional Magnetic Resonance Imaging Studies of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021 , 60, 61-75	7.2	21
233	Modality-independent involvement of the left BA 44 during lexical decision making. <i>Brain Structure and Function</i> , 2007 , 212, 95-106	4	20
232	Do I feel or do I know? Neuroimaging meta-analyses on the multiple facets of empathy. <i>Cortex</i> , 2020 , 129, 341-355	3.8	20
231	Translating working memory into action: behavioral and neural evidence for using motor representations in encoding visuo-spatial sequences. <i>Human Brain Mapping</i> , 2014 , 35, 3465-84	5.9	19
230	Crossmodal emotional integration in major depression. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 839-48	4	19
229	The Role of Human Parietal Area 7A as a Link between Sequencing in Hand Actions and in Overt Speech Production. <i>Frontiers in Psychology</i> , 2012 , 3, 534	3.4	19
228	Local-Global Parcellation of the Human Cerebral Cortex From Intrinsic Functional Connectivity MRI		19
227	Neural networks of aggression: ALE meta-analyses on trait and elicited aggression. <i>Brain Structure and Function</i> , 2019 , 224, 133-148	4	19
226	Machine-learning identifies Parkinson's disease patients based on resting-state between-network functional connectivity. <i>British Journal of Radiology</i> , 2019 , 92, 20180886	3.4	18
225	Modulation of affective face processing deficits in Schizophrenia by congruent emotional sounds. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 436-44	4	18
224	Task- and resting-state functional connectivity of brain regions related to affection and susceptible to concurrent cognitive demand. <i>NeuroImage</i> , 2013 , 72, 69-82	7.9	18
223	Neural correlates of verbal creativity: differences in resting-state functional connectivity associated with expertise in creative writing. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 516	3.3	18
222	Mental fatigue modulates dynamic adaptation to perceptual demand in speeded detection. <i>PLoS ONE</i> , 2011 , 6, e28399	3.7	18
221	A seed-based cross-modal comparison of brain connectivity measures. <i>Brain Structure and Function</i> , 2017 , 222, 1131-1151	4	17

220	Aging and response conflict solution: behavioural and functional connectivity changes. <i>Brain Structure and Function</i> , 2015 , 220, 1739-57	4	17
219	Influence of Processing Pipeline on Cortical Thickness Measurement. <i>Cerebral Cortex</i> , 2020 , 30, 5014-5027	3.1	17
218	Multimodal connectivity mapping of the human left anterior and posterior lateral prefrontal cortex. <i>Brain Structure and Function</i> , 2016 , 221, 2589-605	4	17
217	To you I am listening: perceived competence of advisors influences judgment and decision-making via recruitment of the amygdala. <i>Social Neuroscience</i> , 2013 , 8, 189-202	2	17
216	Internally vs. externally triggered movements in patients with major depression. <i>Behavioural Brain Research</i> , 2012 , 228, 125-32	3-4	17
215	The language-number interface in the brain: a complex parametric study of quantifiers and quantities. <i>Frontiers in Evolutionary Neuroscience</i> , 2012 , 4, 4		17
214	Executive control in chronic schizophrenia: A perspective from manual stimulus-response compatibility task performance. <i>Behavioural Brain Research</i> , 2011 , 223, 24-9	3-4	17
213	Neural correlates of developing and adapting behavioral biases in speeded choice reactions--an fMRI study on predictive motor coding. <i>Cerebral Cortex</i> , 2011 , 21, 1178-91	5.1	17
212	Neural signatures of prosocial behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 118, 186-195	9	17
211	Functional Connectivity Differences of the Subthalamic Nucleus Related to Parkinson's Disease. <i>Human Brain Mapping</i> , 2016 , 37, 1235-53	5.9	17
210	Brain networks for engaging oneself in positive-social emotion regulation. <i>NeuroImage</i> , 2019 , 189, 106-115	11.5	17
209	Identifying functional subdivisions in the human brain using meta-analytic activation modeling-based parcellation. <i>NeuroImage</i> , 2016 , 124, 300-309	7.9	16
208	Neural architecture underlying classification of face perception paradigms. <i>NeuroImage</i> , 2015 , 119, 70-80	7.9	16
207	Common and distinct brain activity associated with risky and ambiguous decision-making. <i>Drug and Alcohol Dependence</i> , 2020 , 209, 107884	4.9	16
206	Meta-analytic evidence for altered mesolimbic responses to reward in schizophrenia. <i>Human Brain Mapping</i> , 2018 , 39, 2917-2928	5.9	16
205	When opportunity meets motivation: Neural engagement during social approach is linked to high approach motivation. <i>NeuroImage</i> , 2016 , 127, 267-276	7.9	16
204	Activation shift in elderly subjects across functional systems: an fMRI study. <i>Brain Structure and Function</i> , 2014 , 219, 707-18	4	16
203	Cognitive Expertise: An ALE Meta-Analysis. <i>Human Brain Mapping</i> , 2016 , 37, 262-72	5.9	16

202	Network dynamics engaged in the modulation of motor behavior in stroke patients. <i>Human Brain Mapping</i> , 2018 , 39, 1078-1092	5.9	16
201	Neural correlates of explicit social judgments on vocal stimuli. <i>Cerebral Cortex</i> , 2015 , 25, 1152-62	5.1	15
200	The role of the subgenual anterior cingulate cortex in dorsomedial prefrontal-amygdala neural circuitry during positive-social emotion regulation. <i>Human Brain Mapping</i> , 2020 , 41, 3100-3118	5.9	15
199	Reflections on the past two decades of neuroscience. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 524-534	13.5	15
198	Cytoarchitectonic segregation of human posterior intraparietal and adjacent parieto-occipital sulcus and its relation to visuomotor and cognitive functions. <i>Cerebral Cortex</i> , 2019 , 29, 1305-1327	5.1	15
197	Effects of exogenous testosterone application on network connectivity within emotion regulation systems. <i>Scientific Reports</i> , 2020 , 10, 2352	4.9	14
196	Systems neuroscience: A modern map of the human cerebral cortex. <i>Nature</i> , 2016 , 536, 152-4	50.4	14
195	Cross-cultural consistency and diversity in intrinsic functional organization of Broca's Region. <i>NeuroImage</i> , 2017 , 150, 177-190	7.9	13
194	Probabilistic electrical stimulation mapping of human medial frontal cortex. <i>Cortex</i> , 2018 , 109, 336-346	3.8	13
193	The influence of handedness on hemispheric interaction during word production: insights from effective connectivity analysis. <i>Brain Connectivity</i> , 2011 , 1, 219-31	2.7	13
192	BA 44 in Broca's area supports syntactic gender decisions in language production. <i>NeuroReport</i> , 2006 , 17, 1097-101	1.7	13
191	When specific action biases meet nonspecific preparation: Event repetition modulates the variable-foreperiod effect. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018 , 44, 1313-1323	2.6	13
190	Effects of ketamine and midazolam on resting state connectivity and comparison with ENIGMA connectivity deficit patterns in schizophrenia. <i>Human Brain Mapping</i> , 2020 , 41, 767-778	5.9	13
189	Altered sensorimotor activation patterns in idiopathic dystonia-an activation likelihood estimation meta-analysis of functional brain imaging studies. <i>Human Brain Mapping</i> , 2016 , 37, 547-57	5.9	13
188	Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. <i>Human Brain Mapping</i> , 2016 , 37, 67-80	5.9	13
187	Evaluation of factors influencing F-FET uptake in the brain. <i>NeuroImage: Clinical</i> , 2018 , 17, 491-497	5.3	13
186	Searching for behavior relating to grey matter volume in a-priori defined right dorsal premotor regions: Lessons learned. <i>NeuroImage</i> , 2017 , 157, 144-156	7.9	12
185	Beyond consensus: Embracing heterogeneity in curated neuroimaging meta-analysis. <i>NeuroImage</i> , 2019 , 200, 142-158	7.9	12

184	Action and semantic tool knowledge - Effective connectivity in the underlying neural networks. <i>Human Brain Mapping</i> , 2018 , 39, 3473-3486	5.9	12
183	Brain-based ranking of cognitive domains to predict schizophrenia. <i>Human Brain Mapping</i> , 2019 , 40, 4487-4507	5.9	12
182	Neural Correlates of Motor Imagery, Action Observation, and Movement Execution: A Comparison Across Quantitative Meta-Analyses		12
181	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. <i>Human Brain Mapping</i> , 2016 , 37, 2931-42	5.9	12
180	Going Beyond Finding the "Lesion": A Path for Maturation of Neuroimaging. <i>American Journal of Psychiatry</i> , 2016 , 173, 302-3	11.9	12
179	Neuroimaging-based prediction of mental traits: Road to utopia or Orwell?. <i>PLoS Biology</i> , 2019 , 17, e3000497	4.9	12
178	Meta-analytic evidence for a core problem solving network across multiple representational domains. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 92, 318-337	9	12
177	Is deep learning better than kernel regression for functional connectivity prediction of fluid intelligence? 2018 ,		11
176	Connectivity-Based Predictions of Hand Motor Outcome for Patients at the Subacute Stage After Stroke. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 101	3.3	11
175	The emerging neuroscience of social punishment: Meta-analytic evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 113, 426-439	9	11
174	Imaging executive functions in Parkinson's disease: An activation likelihood estimation meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019 , 63, 137-142	3.6	10
173	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020 , 220, 117067	7.9	10
172	Neuro-transcriptomic signatures for mood disorder morbidity and suicide mortality. <i>Journal of Psychiatric Research</i> , 2020 , 127, 62-74	5.2	10
171	Gray matter volume and estimated brain age gap are not linked with sleep-disordered breathing. <i>Human Brain Mapping</i> , 2020 , 41, 3034-3044	5.9	10
170	A Neuregulin-1 schizophrenia susceptibility variant causes perihippocampal fiber tract anomalies in healthy young subjects. <i>Brain and Behavior</i> , 2014 , 4, 215-26	3.4	10
169	Functional connectivity of the vigilant-attention network in children and adolescents with attention-deficit/hyperactivity disorder. <i>Brain and Cognition</i> , 2019 , 131, 56-65	2.7	10
168	Intrinsic Connectivity Patterns of Task-Defined Brain Networks Allow Individual Prediction of Cognitive Symptom Dimension of Schizophrenia and Are Linked to Molecular Architecture. <i>Biological Psychiatry</i> , 2021 , 89, 308-319	7.9	10
167	Human brain responses to gustatory and food stimuli: A meta-evaluation of neuroimaging meta-analyses. <i>NeuroImage</i> , 2019 , 202, 116111	7.9	9

166	Shifted neuronal balance during stimulus-response integration in schizophrenia: an fMRI study. <i>Brain Structure and Function</i> , 2015 , 220, 249-61	4	9
165	Frontomedian cortex is central for moral deficits in behavioural variant frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 700-1	5.5	9
164	Analysis of neuroreceptor PET-data based on cytoarchitectonic maximum probability maps: a feasibility study. <i>Anatomy and Embryology</i> , 2005 , 210, 447-53		9
163	Reply to Hua Liu, HaiCun Shi and PingLei Pan: Coordinate based meta-analyses in a medium sized literature: Considerations, limitations and road ahead. <i>Sleep Medicine Reviews</i> , 2018 , 42, 236-238	10.2	9
162	Functional parcellation of human and macaque striatum reveals human-specific connectivity in the dorsal caudate. <i>NeuroImage</i> , 2021 , 235, 118006	7.9	9
161	Empirical assessment of changing sample-characteristics in task-fMRI over two decades: An example from gustatory and food studies. <i>Human Brain Mapping</i> , 2020 , 41, 2460-2473	5.9	8
160	Integration of transcriptomic and cytoarchitectonic data implicates a role for MAOA and TAC1 in the limbic-cortical network. <i>Brain Structure and Function</i> , 2018 , 223, 2335-2342	4	8
159	Differential Functional Connectivity Alterations of Two Subdivisions within the Right dlPFC in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 288	3.3	8
158	Audiovisual emotional processing and neurocognitive functioning in patients with depression. <i>Frontiers in Integrative Neuroscience</i> , 2015 , 9, 3	3.2	8
157	Anterior and posterior subareas of the dorsolateral frontal cortex in socially relevant decisions based on masked affect expressions. <i>F1000Research</i> , 2014 , 3, 212	3.6	8
156	Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. <i>ELife</i> , 2020 , 9,	8.9	8
155	Meta-Analyses in Basic and Clinical Neuroscience: State of the Art and Perspective 2013 , 77-87		8
154	Ontological Dimensions of Cognitive-Neural Mappings. <i>Neuroinformatics</i> , 2020 , 18, 451-463	3.2	8
153	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. <i>NeuroImage: Clinical</i> , 2020 , 25, 102114	5.3	8
152	Seeking the "Beauty Center" in the Brain: A Meta-Analysis of fMRI Studies of Beautiful Human Faces and Visual Art. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020 , 20, 1200-1215	3.5	8
151	Common brain networks underlying human social interactions: Evidence from large-scale neuroimaging meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 126, 289-303	9	8
150	Functional Connectivity Changes of Key Regions for Motor Initiation in Parkinson's Disease. <i>Cerebral Cortex</i> , 2019 , 29, 383-396	5.1	8
149	Rostro-caudal organization of the human posterior superior temporal sulcus revealed by connectivity profiles. <i>Human Brain Mapping</i> , 2018 , 39, 5112-5125	5.9	8

148	What Can Computational Models Contribute to Neuroimaging Data Analytics?. <i>Frontiers in Systems Neuroscience</i> , 2018 , 12, 68	3.5	7
147	Functional differentiation in the human ventromedial frontal lobe: A data-driven parcellation. <i>Human Brain Mapping</i> , 2020 , 41, 3266-3283	5.9	7
146	Bayesian log-Gaussian Cox process regression: with applications to meta-analysis of neuroimaging working memory studies. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2019 , 68, 217-234	1.5	7
145	Co-activation Probability Estimation (CoPE): An approach for modeling functional co-activation architecture based on neuroimaging coordinates. <i>NeuroImage</i> , 2015 , 117, 397-407	7.9	7
144	Subtle cognitive deficits in severe alcohol addicts--do they show a specific profile?. <i>Journal of Neuropsychology</i> , 2014 , 8, 147-53	2.6	7
143	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality and Emotion		7
142	Joint Multi-modal Parcellation of the Human Striatum: Functions and Clinical Relevance. <i>Neuroscience Bulletin</i> , 2020 , 36, 1123-1136	4.3	7
141	Different interaction modes for the default mode network revealed by resting state functional magnetic resonance imaging. <i>European Journal of Neuroscience</i> , 2016 , 43, 78-88	3.5	7
140	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. <i>Human Brain Mapping</i> , 2021 , 42, 555-566	5.9	7
139	Heterogeneous fractionation profiles of meta-analytic coactivation networks. <i>NeuroImage</i> , 2017 , 149, 424-435	7.9	6
138	Systematic review and multi-modal meta-analysis of magnetic resonance imaging findings in 22q11.2 deletion syndrome: Is more evidence needed?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 107, 143-153	9	6
137	Mapping common grey matter volume deviation across child and adolescent psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 115, 273-284	9	6
136	A novel meta-analytic approach: mining frequent co-activation patterns in neuroimaging databases. <i>NeuroImage</i> , 2014 , 90, 390-402	7.9	6
135	Multi-Modal Imaging of Neural Correlates of Motor Speed Performance in the Trail Making Test. <i>Frontiers in Neurology</i> , 2015 , 6, 219	4.1	6
134	Anterior and posterior subareas of the dorsolateral frontal cortex in socially relevant decisions based on masked affect expressions. <i>F1000Research</i> , 2014 , 3, 212	3.6	6
133	Obesity is associated with reduced orbitofrontal cortex volume: A coordinate-based meta-analysis. <i>NeuroImage: Clinical</i> , 2020 , 28, 102420	5.3	6
132	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021 , 4, 301	6.7	6
131	Influence of suture technique on anastomotic leakage rate-a retrospective analyses comparing interrupted-versus continuous-sutures. <i>International Journal of Colorectal Disease</i> , 2019 , 34, 55-61	3	6

130	Inter-subject and inter-parcellation variability of resting-state whole-brain dynamical modeling. <i>NeuroImage</i> , 2021 , 236, 118201	7.9	6
129	Cytoarchitectonic Characterization and Functional Decoding of Four New Areas in the Human Lateral Orbitofrontal Cortex. <i>Frontiers in Neuroanatomy</i> , 2020 , 14, 2	3.6	5
128	Resolving confusions about urges and intentions. <i>Cognitive Neuroscience</i> , 2011 , 2, 252-7	1.7	5
127	Evaluating a visualization of uncertainty in probabilistic tractography 2010 ,		5
126	ENIGMA-Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021 , 30, e133475.8	5.8	5
125	Neural substrates of the executive function construct, age-related changes, and task materials in adolescents and adults: ALE meta-analyses of 408 fMRI studies. <i>Developmental Science</i> , 2021 , 24, e13114.5	4.5	5
124	Within- and across-network alterations of the sensorimotor network in Parkinson's disease. <i>Neuroradiology</i> , 2021 , 63, 2073-2085	3.2	5
123	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2021 , 1-14	6.9	5
122	Brain grey matter volume reduction and anxiety-like behavior in lipopolysaccharide-induced chronic pulmonary inflammation rats: A structural MRI study with histological validation. <i>Brain, Behavior, and Immunity</i> , 2019 , 76, 182-197	16.6	5
121	Connectivity-Related Roles of Contralesional Brain Regions for Motor Performance Early after Stroke. <i>Cerebral Cortex</i> , 2021 , 31, 993-1007	5.1	5
120	Parcellation-induced variation of empirical and simulated brain connectomes at group and subject levels. <i>Network Neuroscience</i> , 2021 , 5, 798-830	5.6	5
119	The cue-reactivity paradigm: An ensemble of networks driving attention and cognition when viewing drug and natural reward-related stimuli. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 130, 201-213	9	5
118	CBPtools: a Python package for regional connectivity-based parcellation. <i>Brain Structure and Function</i> , 2020 , 225, 1261-1275	4	4
117	Differential Resting-State Connectivity Patterns of the Right Anterior and Posterior Dorsolateral Prefrontal Cortices (DLPFC) in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018 , 9, 211	5	4
116	What are neuroimaging meta-analytic procedures?. <i>Epidemiology and Psychiatric Sciences</i> , 2013 , 22, 121-3.1	3.1	4
115	Fronto-temporal interactions are functionally relevant for semantic control in language processing. <i>PLoS ONE</i> , 2017 , 12, e0177753	3.7	4
114	Neural mechanisms of deliberate dishonesty: Dissociating deliberation from other control processes during dishonest behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
113	Meta-matching: a simple framework to translate phenotypic predictive models from big to small data		4

112	Searching for replicable associations between cortical thickness and psychometric variables in healthy adults: empirical facts		4
111	Shaping Brain Structure: Genetic and Phylogenetic Axes of Macro Scale Organization of Cortical Thickness		4
110	Deep Neural Networks and Kernel Regression Achieve Comparable Accuracies for Functional Connectivity Prediction of Behavior and Demographics		4
109	Sex classification by resting state brain connectivity		4
108	The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. <i>Journal of Cognitive Neuroscience</i> , 2021 , 33, 1716-1752	3.1	4
107	Do intrinsic brain functional networks predict working memory from childhood to adulthood?. <i>Human Brain Mapping</i> , 2020 , 41, 4574-4586	5.9	4
106	Towards increasing the clinical applicability of machine learning biomarkers in psychiatry. <i>Nature Human Behaviour</i> , 2021 , 5, 431-432	12.8	4
105	Distinct neural networks subserve placebo analgesia and nocebo hyperalgesia. <i>NeuroImage</i> , 2021 , 231, 117833	7.9	4
104	A network view on brain regions involved in experts' object and pattern recognition: Implications for the neural mechanisms of skilled visual perception. <i>Brain and Cognition</i> , 2019 , 131, 74-86	2.7	4
103	Machine learning for psychiatry: getting doctors at the black box?. <i>Molecular Psychiatry</i> , 2021 , 26, 23-25	15.1	4
102	Early identification of postpartum depression using demographic, clinical, and digital phenotyping. <i>Translational Psychiatry</i> , 2021 , 11, 121	8.6	4
101	Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective. <i>GigaScience</i> , 2021 , 10,	7.6	4
100	Tractography density affects whole-brain structural architecture and resting-state dynamical modeling. <i>NeuroImage</i> , 2021 , 237, 118176	7.9	4
99	Early motor network connectivity after stroke: An interplay of general reorganization and state-specific compensation. <i>Human Brain Mapping</i> , 2021 , 42, 5230-5243	5.9	4
98	From correlational approaches to meta-analytical symptom reading in individual patients: Bilateral lesions in the inferior frontal junction specifically cause dysexecutive syndrome. <i>Cortex</i> , 2020 , 128, 73-87	3.8	3
97	Transdiagnostic subtyping of males with developmental disorders using cortical characteristics. <i>NeuroImage: Clinical</i> , 2020 , 27, 102288	5.3	3
96	Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020 , 11, 18	4.1	3
95	Using coordinate-based meta-analyses to explore structural imaging genetics. <i>Brain Structure and Function</i> , 2018 , 223, 3045-3061	4	3

94	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. <i>NeuroImage</i> , 2018 , 176, 510-517	7.9	3
93	Genetic variation in the G72 gene is associated with increased frontotemporal fiber tract integrity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015 , 265, 291-301	5.1	3
92	Konnektivität 2013 , 457-469		3
91	The Neurobiology of Moral Cognition: Relation to Theory of Mind, Empathy, and Mind-Wandering 2015 , 127-148		3
90	Assessing robustness against potential publication bias in coordinate based fMRI meta-analyses using the Fail-Safe N		3
89	Accurate Nonlinear Mapping between MNI Volumetric and FreeSurfer Surface Coordinate Systems		3
88	Age differences in predicting working memory performance from network-based functional connectivity. <i>Cortex</i> , 2020 , 132, 441-459	3.8	3
87	Hippocampus co-atrophy pattern in dementia deviates from covariance patterns across the lifespan. <i>Brain</i> , 2020 , 143, 2788-2802	11.2	3
86	Comprehensive verbal fluency features predict executive function performance. <i>Scientific Reports</i> , 2021 , 11, 6929	4.9	3
85	A Connectivity-Based Psychometric Prediction Framework for Brain-Behavior Relationship Studies. <i>Cerebral Cortex</i> , 2021 , 31, 3732-3751	5.1	3
84	Neurobiological substrates of the positive formal thought disorder in schizophrenia revealed by seed connectome-based predictive modeling. <i>NeuroImage: Clinical</i> , 2021 , 30, 102666	5.3	3
83	Brain Responses to Noxious Stimuli in Patients With Chronic Pain: A Systematic Review and Meta-analysis. <i>JAMA Network Open</i> , 2021 , 4, e2032236	10.4	3
82	Confound Removal and Normalization in Practice: A Neuroimaging Based Sex Prediction Case Study. <i>Lecture Notes in Computer Science</i> , 2021 , 3-18	0.9	3
81	Brain Motor Network Changes in Parkinson's Disease: Evidence from Meta-Analytic Modeling. <i>Movement Disorders</i> , 2021 , 36, 1180-1190	7	3
80	Better the devil you know than the devil you don't: Neural processing of risk and ambiguity. <i>NeuroImage</i> , 2021 , 236, 118109	7.9	3
79	Exploring Test-Retest Reliability and Longitudinal Stability of Digital Biomarkers for Parkinson Disease in the m-Power Data Set: Cohort Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26608	7.6	3
78	Processing of visual and non-visual naturalistic spatial information in the "parahippocampal place area".. <i>Scientific Data</i> , 2022 , 9, 147	8.2	3
77	Shared and unique brain network features predict cognitive, personality, and mental health scores in the ABCD study.. <i>Nature Communications</i> , 2022 , 13, 2217	17.4	3

76	Meta-matching as a simple framework to translate phenotypic predictive models from big to small data.. <i>Nature Neuroscience</i> , 2022 ,	25.5	3
75	Meta-analytic Evidence for Neural Dysactivity Underlying Sexual Dysfunction. <i>Journal of Sexual Medicine</i> , 2019 , 16, 614-617	1.1	2
74	Neural substrates of sexual arousal revisited: Dependent on sex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11204-11205	11.5	2
73	Brain dynamics and connectivity networks under natural auditory stimulation. <i>NeuroImage</i> , 2019 , 202, 116042	7.9	2
72	Response-code conflict in dual-task interference and its modulation by age.. <i>Psychological Research</i> , 2022 , 1	2.5	2
71	In search of convergent regional brain abnormality in cognitive emotion regulation: A transdiagnostic neuroimaging meta-analysis. <i>Human Brain Mapping</i> , 2021 ,	5.9	2
70	Author response: Empirical examination of the replicability of associations between brain structure and psychological variables 2019 ,		2
69	Exploring the neural correlates of (altered) moral cognition in psychopaths. <i>Behavioral Sciences and the Law</i> , 2021 ,	1.9	2
68	Naturalizing psychopathology-towards a quantitative real-world psychiatry. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
67	The many dimensions of human hippocampal organization and (dys)function. <i>Trends in Neurosciences</i> , 2021 , 44, 977-989	13.3	2
66	Cooperating yet distinct brain networks engaged during naturalistic paradigms: A meta-analysis of functional MRI results		2
65	Personality and local brain structure: their shared genetic basis and reproducibility		2
64	Genetic factors influencing a neurobiological substrate for psychiatric disorders		2
63	Evolving complex yet interpretable representations: application to Alzheimer's diagnosis and prognosis 2020 ,		2
62	Recovery-Associated Resting-State Activity and Connectivity Alterations in Anorexia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 1023-1033	3.4	2
61	Molecular and morphological findings in a sample of oral surgery patients: What can we learn for multivariate concepts for age estimation?. <i>Journal of Forensic Sciences</i> , 2021 , 66, 1524-1532	1.8	2
60	Collapsed variational bayesian inference of the author-topic model: application to large-scale coordinate-based meta-analysis 2016 ,		2
59	Cortical reorganization after motor stroke: A pilot study on differences between the upper and lower limbs. <i>Human Brain Mapping</i> , 2021 , 42, 1013-1033	5.9	2

58	Advanced brain ageing in Parkinson's disease is related to disease duration and individual impairment. <i>Brain Communications</i> , 2021 , 3, fcab191	4.5	2
57	Structural and functional neuroimaging of late-life depression: a coordinate-based meta-analysis. <i>Brain Imaging and Behavior</i> , 2021 , 1	4.1	2
56	Meta-analytic Evidence for Volume Increases in the Medial Temporal Lobe After Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2021 , 90, e11-e17	7.9	2
55	Early and Late Neural Correlates of Mentalizing: ALE Meta-Analyses in Adults, Children and Adolescents. <i>Social Cognitive and Affective Neuroscience</i> , 2021 ,	4	2
54	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex.. <i>Nature Communications</i> , 2022 , 13, 2341	17.4	2
53	Listening to real-world sounds: fMRI data for analyzing connectivity networks. <i>Data in Brief</i> , 2019 , 26, 104411	1.2	1
52	The cue-reactivity paradigm: An ensemble of networks driving attention and cognition when viewing drug and natural reward-related stimuli		1
51	JTrack: A Digital Biomarker Platform for Remote Monitoring of Daily-Life Behaviour in Health and Disease. <i>Frontiers in Public Health</i> , 2021 , 9, 763621	6	1
50	Exploring Test-Retest Reliability and Longitudinal Stability of Digital Biomarkers for Parkinson Disease in the m-Power Data Set: Cohort Study (Preprint)		1
49	Empirical examination of the replicability of associations between brain structure and psychological variables		1
48	Modeling Connectivity in Health and Disease: Examples from the Motor System 2013 , 213-226		1
47	The Aging Brain and Executive Functions Revisited: Implications from Meta-Analytic and Functional-Connectivity Evidence		1
46	Convergent neural representations of acute nociceptive pain in healthy volunteers: A large-scale fMRI meta-analysis		1
45	The early postpartum period - Differences between women with and without a history of depression. <i>Journal of Psychiatric Research</i> , 2021 , 136, 109-116	5.2	1
44	Uncovering the Genetic Profiles Underlying the Intrinsic Organization of the Human Cerebellum		1
43	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex		1
42	Examining early structural and functional brain alterations in postpartum depression through multimodal neuroimaging. <i>Scientific Reports</i> , 2021 , 11, 13551	4.9	1
41	Prediction of response to repetitive transcranial magnetic stimulation in phantom sounds based on individual brain anatomy. <i>Brain Communications</i> , 2021 , 3, fcab115	4.5	1

40	Brain Network Dysconnection in Neuropsychiatric Disorders: The Practice of Normal Science. <i>NeuroImage</i> , 2021 , 1-15		1
39	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. <i>Frontiers in Psychiatry</i> , 2021 , 12, 706655	5	1
38	Behavioral, Anatomical and Heritable Convergence of Affect and Cognition in Superior Frontal Cortex. <i>NeuroImage</i> , 2021 , 243, 118561	7.9	1
37	The functional neural architecture of dysfunctional reward processing in autism. <i>NeuroImage: Clinical</i> , 2021 , 31, 102700	5.3	1
36	Cross-ethnicity/race generalization failure of behavioral prediction from resting-state functional connectivity.. <i>Science Advances</i> , 2022 , 8, eabj1812	14.3	1
35	Towards an efficient validation of dynamical whole-brain models.. <i>Scientific Reports</i> , 2022 , 12, 4331	4.9	1
34	Reporting details of neuroimaging studies on individual traits prediction: A literature survey.. <i>NeuroImage</i> , 2022 , 256, 119275	7.9	1
33	Postinfectious focal necrotizing myopathy. <i>Clinical Nuclear Medicine</i> , 2008 , 33, 500-1	1.7	0
32	Meta-Analyses in Basic and Clinical Neuroscience: State of the Art and Perspective 2020 , 117-129		0
31	Aberrant Brain Activity in Individuals With Psychopathy Links to Receptor Distribution, Gene Expression, and Behavior. <i>Biological Psychiatry</i> , 2021 ,	7.9	0
30	The neural signatures of social hierarchy-related learning and interaction: A coordinate- and connectivity-based meta-analysis. <i>NeuroImage</i> , 2021 , 245, 118731	7.9	0
29	Coordinate-Based Pattern-Mining on Functional Neuroimaging Databases. <i>Communications in Computer and Information Science</i> , 2012 , 240-249	0.3	0
28	Delineating visual, auditory and motor regions in the human brain with functional neuroimaging: a BrainMap-based meta-analytic synthesis. <i>Scientific Reports</i> , 2021 , 11, 9942	4.9	0
27	Shared Neural Phenotypes for Mood and Anxiety Disorders A Meta-Analysis of 226 Task-Related Functional Imaging Studies. <i>Focus (American Psychiatric Publishing)</i> , 2021 , 19, 256-263	1.1	0
26	Transcription Factor Motifs Associated with Anterior Insula Gene Expression Underlying Mood Disorder Phenotypes. <i>Molecular Neurobiology</i> , 2021 , 58, 1978-1989	6.2	0
25	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021 , 11, 192	8.6	0
24	Understanding identification-based trust in the light of affiliative bonding: Meta-analytic neuroimaging evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 131, 627-641	9	0
23	To learn or to gain: neural signatures of exploration in human decision-making. <i>Brain Structure and Function</i> , 2021 , 1	4	0

22	Separate neural networks of implicit emotional processing between pictures and words: A coordinate-based meta-analysis of brain imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 131, 331-344	9	o
21	Meta-analytical transdiagnostic neural correlates in common pediatric psychiatric disorders.. <i>Scientific Reports</i> , 2022 , 12, 4909	4.9	o
20	Neurostructural traces of early life adversities: A meta-analysis exploring age- and adversity-specific effects.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 135, 104589	9	o
19	Hemispheric Specialization of the Primate Inferior Parietal Lobule.. <i>Neuroscience Bulletin</i> , 2021 , 38, 334	4.3	o
18	Reliability and subject specificity of personalized whole-brain dynamical models.. <i>NeuroImage</i> , 2022 , 119321	7.9	o
17	Convergent regional brain abnormalities in behavioral variant frontotemporal dementia: A neuroimaging meta-analysis of 73 studies. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022 , 14,	5.2	o
16	Convergence Analysis of Micro-Lesions (CAML): An approach to mapping of diffuse lesions from carotid revascularization. <i>NeuroImage: Clinical</i> , 2018 , 18, 553-559	5.3	
15	Modeling Connectivity in Health and Disease: Examples from the Motor System 2020 , 321-334		
14	The dissemination of brain imaging guidelines and recommendations.. <i>IBRO Neuroscience Reports</i> , 2022 , 12, 20-24		
13	Metaanalysen, Datenbanken und Modelle in der psychiatrischen Forschung 2012 , 169-177		
12	Database-Driven Identification of Functional Modules in the Cerebral Cortex 2013 , 157-176		
11	Tool zur integrierten Analyse von Struktur, Funktion und Konnektivität SPM Anatomy Toolbox 2013 , 779-797		
10	Somatosensorisches System 2013 , 375-392		
9	Metaanalysen 2013 , 267-275		
8	Acute or chronic pulmonary emphysema? Or both?-A contribution to the diagnosis of death due to violent asphyxiation in cases with pre-existing chronic emphysema. <i>International Journal of Legal Medicine</i> , 2021 , 1	3.1	
7	What matters and what is possible in neuroimaging meta-analyses (of psychopathy). <i>Molecular Psychiatry</i> , 2020 , 25, 3125-3126	15.1	
6	Smartphone-Based Digital Biomarkers for Parkinson's Disease in a Remotely-Administered Setting. <i>IEEE Access</i> , 2022 , 10, 28361-28384	3.5	
5	Tract-specific statistics based on diffusion-weighted probabilistic tractography.. <i>Communications Biology</i> , 2022 , 5, 138	6.7	

- 4 Decoupling of regional neural activity and inter-regional functional connectivity in Alzheimer's disease: A simultaneous PET/MR study.. *European Journal of Nuclear Medicine and Molecular Imaging* , **2022**, 1 8.8
- 3 Machine learning prediction model for postoperative outcome after perforated appendicitis.. *Langenbeck's Archives of Surgery*, **2022**, 407, 789 3.4
- 2 Is it left or is it right? A classification approach for investigating hemispheric differences in low and high dimensionality. *Brain Structure and Function*, **2021**, 227, 425 4
- 1 BrainMap **2022**, 575-577