

Simon B Eickhoff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Response-code conflict in dual-task interference and its modulation by age.. <i>Psychological Research</i> , 2022 , 1	2.5	2
542	The dissemination of brain imaging guidelines and recommendations.. <i>IBRO Neuroscience Reports</i> , 2022 , 12, 20-24		
541	Smartphone-Based Digital Biomarkers for Parkinson's Disease in a Remotely-Administered Setting. <i>IEEE Access</i> , 2022 , 10, 28361-28384	3.5	
540	Tract-specific statistics based on diffusion-weighted probabilistic tractography.. <i>Communications Biology</i> , 2022 , 5, 138	6.7	
539	Decoupling of regional neural activity and inter-regional functional connectivity in Alzheimer's disease: A simultaneous PET/MR study.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	
538	Machine learning prediction model for postoperative outcome after perforated appendicitis.. <i>Langenbeck's Archives of Surgery</i> , 2022 , 407, 789	3.4	
537	Cross-ethnicity/race generalization failure of behavioral prediction from resting-state functional connectivity.. <i>Science Advances</i> , 2022 , 8, eabj1812	14.3	1
536	Towards an efficient validation of dynamical whole-brain models.. <i>Scientific Reports</i> , 2022 , 12, 4331	4.9	1
535	Meta-analytical transdiagnostic neural correlates in common pediatric psychiatric disorders.. <i>Scientific Reports</i> , 2022 , 12, 4909	4.9	0
534	Processing of visual and non-visual naturalistic spatial information in the "parahippocampal place area".. <i>Scientific Data</i> , 2022 , 9, 147	8.2	3
533	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	0
532	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
531	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex.. <i>Nature Communications</i> , 2022 , 13, 2341	17.4	2
530	Reporting details of neuroimaging studies on individual traits prediction: A literature survey.. <i>NeuroImage</i> , 2022 , 256, 119275	7.9	1
529	Reliability and subject specificity of personalized whole-brain dynamical models.. <i>NeuroImage</i> , 2022 , 119321	7.9	0
528	Meta-matching as a simple framework to translate phenotypic predictive models from big to small data.. <i>Nature Neuroscience</i> , 2022 ,	25.5	3
527	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	0

526 BrainMap **2022**, 575-577

525 Aberrant Brain Activity in Individuals With Psychopathy Links to Receptor Distribution, Gene Expression, and Behavior. *Biological Psychiatry*, **2021**, 7.9 0

524 In search of convergent regional brain abnormality in cognitive emotion regulation: A transdiagnostic neuroimaging meta-analysis. *Human Brain Mapping*, **2021**, 5.9 2

523 JTrack: A Digital Biomarker Platform for Remote Monitoring of Daily-Life Behaviour in Health and Disease. *Frontiers in Public Health*, **2021**, 9, 763621 6 1

522 The neural signatures of social hierarchy-related learning and interaction: A coordinate- and connectivity-based meta-analysis. *NeuroImage*, **2021**, 245, 118731 7.9 0

521 Exploring the neural correlates of (altered) moral cognition in psychopaths. *Behavioral Sciences and the Law*, **2021**, 1.9 2

520 Naturalizing psychopathology-towards a quantitative real-world psychiatry. *Molecular Psychiatry*, **2021**, 15.1 2

519 Neural mechanisms of deliberate dishonesty: Dissociating deliberation from other control processes during dishonest behaviors. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118, 11.5 4

518 The many dimensions of human hippocampal organization and (dys)function. *Trends in Neurosciences*, **2021**, 44, 977-989 13.3 2

517 The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. *Journal of Cognitive Neuroscience*, **2021**, 33, 1716-1752 3.1 4

516 Recovery-Associated Resting-State Activity and Connectivity Alterations in Anorexia Nervosa. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2021**, 6, 1023-1033 3.4 2

515 Brain pathology recapitulates physiology: A network meta-analysis. *Communications Biology*, **2021**, 4, 301 6.7 6

514 Comprehensive verbal fluency features predict executive function performance. *Scientific Reports*, **2021**, 11, 6929 4.9 3

513 ENIGMA-Sleep: Challenges, opportunities, and the road map. *Journal of Sleep Research*, **2021**, 30, e133475.8 5

512 A Connectivity-Based Psychometric Prediction Framework for Brain-Behavior Relationship Studies. *Cerebral Cortex*, **2021**, 31, 3732-3751 5.1 3

511 Neural substrates of the executive function construct, age-related changes, and task materials in adolescents and adults: ALE meta-analyses of 408 fMRI studies. *Developmental Science*, **2021**, 24, e13114.5 5

510 Towards increasing the clinical applicability of machine learning biomarkers in psychiatry. *Nature Human Behaviour*, **2021**, 5, 431-432 12.8 4

509 The early postpartum period - Differences between women with and without a history of depression. *Journal of Psychiatric Research*, **2021**, 136, 109-116 5.2 1

508	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
507	Within- and across-network alterations of the sensorimotor network in Parkinson's disease. <i>Neuroradiology</i> , 2021 , 63, 2073-2085	3.2	5
506	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
505	Distinct neural networks subserve placebo analgesia and nocebo hyperalgesia. <i>NeuroImage</i> , 2021 , 231, 117833	7.9	4
504	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	
503	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
502	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2021 , 1-14	6.9	5
501	Examining early structural and functional brain alterations in postpartum depression through multimodal neuroimaging. <i>Scientific Reports</i> , 2021 , 11, 13551	4.9	1
500	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
499	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
498	Connectivity-Related Roles of Contralesional Brain Regions for Motor Performance Early after Stroke. <i>Cerebral Cortex</i> , 2021 , 31, 993-1007	5.1	5
497	Machine learning for psychiatry: getting doctors at the black box?. <i>Molecular Psychiatry</i> , 2021 , 26, 23-25	15.1	4
496	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
495	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
494	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
493	Transcription Factor Motifs Associated with Anterior Insula Gene Expression Underlying Mood Disorder Phenotypes. <i>Molecular Neurobiology</i> , 2021 , 58, 1978-1989	6.2	0
492	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
491	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

490	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
489	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
488	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
487	Brain Motor Network Changes in Parkinson's Disease: Evidence from Meta-Analytic Modeling. <i>Movement Disorders</i> , 2021 , 36, 1180-1190	7	3
486	Brain Network Dysconnection in Neuropsychiatric Disorders: The Practice of Normal Science 2021 , 1-15		1
485	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
484	Early identification of postpartum depression using demographic, clinical, and digital phenotyping. <i>Translational Psychiatry</i> , 2021 , 11, 121	8.6	4
483	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021 , 11, 192	8.6	0
482	Structural and functional neuroimaging of late-life depression: a coordinate-based meta-analysis. <i>Brain Imaging and Behavior</i> , 2021 , 1	4.1	2
481	Functional parcellation of human and macaque striatum reveals human-specific connectivity in the dorsal caudate. <i>NeuroImage</i> , 2021 , 235, 118006	7.9	9
480	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
479	Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective. <i>GigaScience</i> , 2021 , 10,	7.6	4
478	Tractography density affects whole-brain structural architecture and resting-state dynamical modeling. <i>NeuroImage</i> , 2021 , 237, 118176	7.9	4
477	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
476	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
475	Inter-subject and inter-parcellation variability of resting-state whole-brain dynamical modeling. <i>NeuroImage</i> , 2021 , 236, 118201	7.9	6
474	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
473	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. <i>Frontiers in Psychiatry</i> , 2021 , 12, 706655	5	1

472	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
471	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
470	To learn or to gain: neural signatures of exploration in human decision-making. <i>Brain Structure and Function</i> , 2021 , 1	4	0
469	Behavioral, Anatomical and Heritable Convergence of Affect and Cognition in Superior Frontal Cortex. <i>NeuroImage</i> , 2021 , 243, 118561	7.9	1
468	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
467	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	0
466	The functional neural architecture of dysfunctional reward processing in autism. <i>NeuroImage: Clinical</i> , 2021 , 31, 102700	5.3	1
465	Is it left or is it right? A classification approach for investigating hemispheric differences in low and high dimensionality. <i>Brain Structure and Function</i> , 2021 , 227, 425	4	
464	Hemispheric Specialization of the Primate Inferior Parietal Lobule.. <i>Neuroscience Bulletin</i> , 2021 , 38, 334	4.3	0
463	Towards clinical applications of movie fMRI. <i>NeuroImage</i> , 2020 , 217, 116860	7.9	27
462	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
461	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}	7.8	3
460	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020 , 582, 84-88	50.4	281
459	Mapping common grey matter volume deviation across child and adolescent psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 115, 273-284	9	6
458	Transdiagnostic subtyping of males with developmental disorders using cortical characteristics. <i>NeuroImage: Clinical</i> , 2020 , 27, 102288	5.3	3
457	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020 , 220, 117067	7.9	10
456	Neuro-transcriptomic signatures for mood disorder morbidity and suicide mortality. <i>Journal of Psychiatric Research</i> , 2020 , 127, 62-74	5.2	10
455	Influence of Processing Pipeline on Cortical Thickness Measurement. <i>Cerebral Cortex</i> , 2020 , 30, 5014-5027 ^{3.1}	5.1	17

454	CBPtools: a Python package for regional connectivity-based parcellation. <i>Brain Structure and Function</i> , 2020 , 225, 1261-1275	4	4
453	Compression of Cerebellar Functional Gradients in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020 ,	1.3	25
452	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
451	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
450	Effects of exogenous testosterone application on network connectivity within emotion regulation systems. <i>Scientific Reports</i> , 2020 , 10, 2352	4.9	14
449	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
448	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
447	Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020 , 11, 18	4.1	3
446	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
445	Common and distinct brain activity associated with risky and ambiguous decision-making. <i>Drug and Alcohol Dependence</i> , 2020 , 209, 107884	4.9	16
444	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
443	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
442	Functional differentiation in the human ventromedial frontal lobe: A data-driven parcellation. <i>Human Brain Mapping</i> , 2020 , 41, 3266-3283	5.9	7
441	Meta-Analyses in Basic and Clinical Neuroscience: State of the Art and Perspective 2020 , 117-129		0
440	Modeling Connectivity in Health and Disease: Examples from the Motor System 2020 , 321-334		
439	Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. <i>ELife</i> , 2020 , 9,	8.9	8
438	Ontological Dimensions of Cognitive-Neural Mappings. <i>Neuroinformatics</i> , 2020 , 18, 451-463	3.2	8
437	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

436	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
435	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
434	Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. <i>NeuroImage: Clinical</i> , 2020 , 25, 102114	5.3	8
433	Your evidence? Machine learning algorithms for medical diagnosis and prediction. <i>Human Brain Mapping</i> , 2020 , 41, 1435-1444	5.9	31
432	Evolving complex yet interpretable representations: application to Alzheimer's diagnosis and prognosis 2020 ,		2
431	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
430	Age differences in predicting working memory performance from network-based functional connectivity. <i>Cortex</i> , 2020 , 132, 441-459	3.8	3
429	Obesity is associated with reduced orbitofrontal cortex volume: A coordinate-based meta-analysis. <i>NeuroImage: Clinical</i> , 2020 , 28, 102420	5.3	6
428	Neural signatures of prosocial behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 118, 186-195	9	17
427	Multiple large-scale neural networks underlying emotion regulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 116, 382-395	9	30
426	Joint Multi-modal Parcellation of the Human Striatum: Functions and Clinical Relevance. <i>Neuroscience Bulletin</i> , 2020 , 36, 1123-1136	4.3	7
425	Do intrinsic brain functional networks predict working memory from childhood to adulthood?. <i>Human Brain Mapping</i> , 2020 , 41, 4574-4586	5.9	4
424	Reflections on the past two decades of neuroscience. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 524-534	13.5	15
423	Hippocampus co-atrophy pattern in dementia deviates from covariance patterns across the lifespan. <i>Brain</i> , 2020 , 143, 2788-2802	11.2	3
422	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020 , 6,	14.3	25
421	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
420	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
419	Sex Classification by Resting State Brain Connectivity. <i>Cerebral Cortex</i> , 2020 , 30, 824-835	5.1	56

418	What matters and what is possible in neuroimaging meta-analyses (of psychopathy). <i>Molecular Psychiatry</i> , 2020 , 25, 3125-3126	15.1	
417	The emerging neuroscience of social punishment: Meta-analytic evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 113, 426-439	9	11
416	Human brain responses to gustatory and food stimuli: A meta-evaluation of neuroimaging meta-analyses. <i>NeuroImage</i> , 2019 , 202, 116111	7.9	9
415	Listening to real-world sounds: fMRI data for analyzing connectivity networks. <i>Data in Brief</i> , 2019 , 26, 104411	1.2	1
414	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
413	Beyond consensus: Embracing heterogeneity in curated neuroimaging meta-analysis. <i>NeuroImage</i> , 2019 , 200, 142-158	7.9	12
412	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
411	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
410	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
409	Meta-analytic Evidence for Neural Dysactivity Underlying Sexual Dysfunction. <i>Journal of Sexual Medicine</i> , 2019 , 16, 614-617	1.1	2
408	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
407	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
406	Multimodal Parcellations and Extensive Behavioral Profiling Tackling the Hippocampus Gradient. <i>Cerebral Cortex</i> , 2019 , 29, 4595-4612	5.1	41
405	Combining lifestyle risks to disentangle brain structure and functional connectivity differences in older adults. <i>Nature Communications</i> , 2019 , 10, 621	17.4	23
404	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
403	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. <i>Cerebral Cortex</i> , 2019 , 29, 2533-2551	5.1	227
402	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
401	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

400	Human Pregenual Anterior Cingulate Cortex: Structural, Functional, and Connectional Heterogeneity. <i>Cerebral Cortex</i> , 2019 , 29, 2552-2574	5.1	38
399	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
398	Practical recommendations to conduct a neuroimaging meta-analysis for neuropsychiatric disorders. <i>Human Brain Mapping</i> , 2019 , 40, 5142-5154	5.9	35
397	Brain-based ranking of cognitive domains to predict schizophrenia. <i>Human Brain Mapping</i> , 2019 , 40, 4487-4507	5.9	12
396	Brain dynamics and connectivity networks under natural auditory stimulation. <i>NeuroImage</i> , 2019 , 202, 116042	7.9	2
395	Empirical examination of the replicability of associations between brain structure and psychological variables. <i>ELife</i> , 2019 , 8,	8.9	69
394	Author response: Empirical examination of the replicability of associations between brain structure and psychological variables 2019 ,		2
393	Neuroimaging-based prediction of mental traits: Road to utopia or Orwell?. <i>PLoS Biology</i> , 2019 , 17, e3000497	9.7	12
392	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
391	Brain networks for engaging oneself in positive-social emotion regulation. <i>NeuroImage</i> , 2019 , 189, 106-115	11.5	17
390	Functional Connectivity Changes of Key Regions for Motor Initiation in Parkinson's Disease. <i>Cerebral Cortex</i> , 2019 , 29, 383-396	5.1	8
389	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
388	Neural networks of aggression: ALE meta-analyses on trait and elicited aggression. <i>Brain Structure and Function</i> , 2019 , 224, 133-148	4	19
387	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
386	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
385	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
384	Functional Segregation of the Right Inferior Frontal Gyrus: Evidence From Coactivation-Based Parcellation. <i>Cerebral Cortex</i> , 2019 , 29, 1532-1546	5.1	38
383	What Can Computational Models Contribute to Neuroimaging Data Analytics?. <i>Frontiers in Systems Neuroscience</i> , 2018 , 12, 68	3.5	7

382	Evaluation of non-negative matrix factorization of grey matter in age prediction. <i>NeuroImage</i> , 2018 , 173, 394-410	7.9	53
381	Ten simple rules for neuroimaging meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 151-161	7.9	296
380	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
379	Dissociable meta-analytic brain networks contribute to coordinated emotional processing. <i>Human Brain Mapping</i> , 2018 , 39, 2514-2531	5.9	22
378	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
377	How to Characterize the Function of a Brain Region. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 350-364	14	92
376	Meta-analytic evidence for altered mesolimbic responses to reward in schizophrenia. <i>Human Brain Mapping</i> , 2018 , 39, 2917-2928	5.9	16
375	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
374	Using coordinate-based meta-analyses to explore structural imaging genetics. <i>Brain Structure and Function</i> , 2018 , 223, 3045-3061	4	3
373	BrainMap VBM: An environment for structural meta-analysis. <i>Human Brain Mapping</i> , 2018 , 39, 3308-3325	5.9	43
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28	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
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26	Quantitative architectural analysis: a new approach to cortical mapping. <i>Anatomy and Embryology</i> , 2005 , 210, 373-86		122
25	Analysis of neuroreceptor PET-data based on cytoarchitectonic maximum probability maps: a feasibility study. <i>Anatomy and Embryology</i> , 2005 , 210, 447-53		9
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23	Somatotopy and attentional modulation of the human parietal and opercular regions. <i>Journal of Neuroscience</i> , 2004 , 24, 5391-9	6.6	55

22	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
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9	The Aging Brain and Executive Functions Revisited: Implications from Meta-Analytic and Functional-Connectivity Evidence		1
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6	Sex classification by resting state brain connectivity		4
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