Susanne Erk

List of Publications by Year
in descending order

81 papers	9,733 citations	57758 44 h-index	62596 80 g-index
90 all docs	90 docs citations	90 times ranked	13655 citing authors

#	Article	IF	Citations
1	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
3	Dynamic reconfiguration of frontal brain networks during executive cognition in humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11678-11683.	7.1	651
4	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
5	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
6	Testâ€“retest reliability of resting-state connectivity network characteristics using fMRI and graph theoretical measures. NeuroImage, 2012, 59, 1404-1412.	4.2	414
7	Neural Mechanisms of a Genome-Wide Supported Psychosis Variant. Science, 2009, 324, 605-605.	12.6	375
8	Prediction error as a linear function of reward probability is coded in human nucleus accumbens. NeuroImage, 2006, 31, 790-795.	4.2	333
9	Acute and Sustained Effects of Cognitive Emotion Regulation in Major Depression. Journal of Neuroscience, 2010, 30, 15726-15734.	3.6	292
10	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
11	Common and differential neural networks of emotion regulation by Detachment, Reinterpretation, Distraction, and Expressive Suppression: A comparative fMRI investigation. NeuroImage, 2014, 101, 298-309.	4.2	240
12	Emotional context modulates subsequent memory effect. NeuroImage, 2003, 18, 439-447.	4.2	227
13	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
14	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
15	Dysfunction of the social brain in schizophrenia is modulated by intention type: An fMRI study. Social Cognitive and Affective Neuroscience, 2009, 4, 166-176.	3.0	165
16	Brain Function in Carriers of a Genome-wide Supported Bipolar Disorder Variant. Archives of General Psychiatry, 2010, 67, 803.	12.3	165
17	Dynamic brain network reconfiguration as a potential schizophrenia genetic risk mechanism modulated by NMDA receptor function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12568-12573.	7.1	161
18	Genome-Wide Association-, Replication-, and Neuroimaging Study Implicates HOMER1 in the Etiology of Major Depression. Biological Psychiatry, 2010, 68, 578-585.	1.3	156

#	Article	IF	Citations
19	Neural correlates of frustration. NeuroReport, 2005, 16, 669-672.	1.2	153
20	Anticipation of aversive stimuli activates extended amygdala in unipolar depression. Journal of Psychiatric Research, 2007, 41, 511-522.	3.1	149
21	Valence-specific regulation effects in a working memory task with emotional context. NeuroImage, 2007, 37, 623-632.	4.2	147
22	Dorsolateral Prefrontal Cortex Modulates Striatal Reward Encoding during Reappraisal of Reward Anticipation. Cerebral Cortex, 2011, 21, 2578-2588.	2.9	145
23	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
24	Neural correlates of attachment trauma in borderline personality disorder: A functional magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2008, 163, 223-235.	1.8	128
25	Evidence of Neuronal Compensation During Episodic Memory in Subjective Memory Impairment. Archives of General Psychiatry, 2011, 68, 845.	12.3	126
26	Cognitive reappraisal modulates expected value and prediction error encoding in the ventral striatum. NeuroImage, 2009, 47, 713-721.	4.2	117
27	Cognitive state and connectivity effects of the genome-wide significant psychosis variant in ZNF804A. NeuroImage, 2011, 54, 2514-2523.	4.2	108
28	Measuring Attachment Representation in an fMRI Environment: A Pilot Study. Psychopathology, 2006, 39, 144-152.	1.5	107
29	Human reward system activation is modulated by a single dose of olanzapine in healthy subjects in an event-related, double-blind, placebo-controlled fMRI study. Psychopharmacology, 2007, 191, 823-833.	3.1	106
30	Volition diminishes genetically mediated amygdala hyperreactivity. NeuroImage, 2010, 53, 943-951.	4.2	103
31	The Temporal Dynamics of Voluntary Emotion Regulation. PLoS ONE, 2009, 4, e6726.	2.5	96
32	Striatal Response to Reward Anticipation. JAMA Psychiatry, 2014, 71, 531.	11.0	96
33	Neural long-term effects of emotion regulation on episodic memory processes. Neuropsychologia, 2010, 48, 989-996.	1.6	85
34	Emotional context during encoding of neutral items modulates brain activation not only during encoding but also during recognition. NeuroImage, 2005, 26, 829-838.	4.2	75
35	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
36	Expecting unpleasant stimuli â€“ An fMRI study. Psychiatry Research - Neuroimaging, 2007, 154, 1-12.	1.8	71

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37	The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. Biological Psychiatry, 2019, 86, 545-556.	1.3	67
38	Cortical Thinning in Individuals with Subjective Memory Impairment. Journal of Alzheimer's Disease, 2015, 45, 139-146.	2.6	66
39	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
40	Altered Functional Subnetwork During Emotional Face Processing. JAMA Psychiatry, 2016, 73, 598.	11.0	59
41	Hippocampal and Frontolimbic Function as Intermediate Phenotype for Psychosis: Evidence from Healthy Relatives and a Common Risk Variant in CACNA1C. Biological Psychiatry, 2014, 76, 466-475.	1.3	57
42	Larger amygdala volume in first-degree relatives of patients with major depression. NeuroImage: Clinical, 2014, 5, 62-68.	2.7	57
43	Cognitive modulation of emotion anticipation. European Journal of Neuroscience, 2006, 24, 1227-1236.	2.6	55
44	Evaluating the replicability, specificity, and generalizability of connectome fingerprints. NeuroImage, 2017, 158, 371-377.	4.2	54
45	From moral to legal judgment: the influence of normative context in lawyers and other academics. Social Cognitive and Affective Neuroscience, 2011, 6, 48-57.	3.0	51
46	Habitual emotion regulation strategies and depressive symptoms in healthy subjects predict fMRI brain activation patterns related to major depression. Psychiatry Research - Neuroimaging, 2010, 183, 105-113.	1.8	48
47	Dynorphins Regulate Fear Memory: from Mice to Men. Journal of Neuroscience, 2012, 32, 9335-9343.	3.6	46
48	Hippocampal Function in Healthy Carriers of theCLUAlzheimer's Disease Risk Variant. Journal of Neuroscience, 2011, 31, 18180-18184.	3.6	45
49	Further Evidence for the Impact of a Genome-Wide-Supported Psychosis Risk Variant in ZNF804A on the Theory of Mind Network. Neuropsychopharmacology, 2014, 39, 1196-1205.	5.4	42
50	Transdiagnostic Prediction of Affective, Cognitive, and Social Function Through Brain Reward Anticipation in Schizophrenia, Bipolar Disorder, Major Depression, and Autism Spectrum Diagnoses. Schizophrenia Bulletin, 2020, 46, 592-602.	4.3	40
51	Further evidence for aberrant prefrontal salience coding in schizophrenia. Frontiers in Behavioral Neuroscience, 2009, 3, 62.	2.0	37
52	The burden of conscientiousness? Examining brain activation and cortisol response during social evaluative stress. Psychoneuroendocrinology, 2017, 78, 48-56.	2.7	37
53	Replication of brain function effects of a genome-wide supported psychiatric risk variant in the CACNA1C gene and new multi-locus effects. NeuroImage, 2014, 94, 147-154.	4.2	32
54	Altered DLPFCâ€“Hippocampus Connectivity During Working Memory: Independent Replication and Disorder Specificity of a Putative Genetic Risk Phenotype for Schizophrenia. Schizophrenia Bulletin, 2017, 43, 1114-1122.	4.3	32

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55	Measuring Adult Attachment Representation in an fMRI Environment: Concepts and Assessment. Psychopathology, 2006, 39, 136-143.	1.5	28
56	Influence of Familial Risk for Depression on Cortico-Limbic Connectivity During Implicit Emotional Processing. Neuropsychopharmacology, 2017, 42, 1729-1738.	5.4	26
57	Sliding-window analysis tracks fluctuations in amygdala functional connectivity associated with physiological arousal and vigilance during fear conditioning. NeuroImage, 2017, 153, 168-178.	4.2	26
58	Amygdala functional connectivity in major depression â€“ disentangling markers of pathology, risk and resilience. Psychological Medicine, 2020, 50, 2740-2750.	4.5	24
59	Cortical Surfaces Mediate the Relationship Between Polygenic Scores for Intelligence and General Intelligence. Cerebral Cortex, 2020, 30, 2708-2719.	2.9	24
60	<scp>ENIGMA HALFpipe</scp>: Interactive, reproducible, and efficient analysis for restingâ€state and taskâ€based <scp>fMRI</scp> data. Human Brain Mapping, 2022, 43, 2727-2742.	3.6	23
61	The 5-HTTLPR Polymorphism Affects Network-Based Functional Connectivity in the Visual-Limbic System in Healthy Adults. Neuropsychopharmacology, 2018, 43, 406-414.	5.4	22
62	Neural Response during the Activation of the Attachment System in Patients with Borderline Personality Disorder: An fMRI Study. Frontiers in Human Neuroscience, 2016, 10, 389.	2.0	21
63	Alterations in neural Theory of Mind processing in euthymic patients with bipolar disorder and unaffected relatives. Bipolar Disorders, 2015, 17, 880-891.	1.9	20
64	Associations of the Intellectual Disability Gene MYT1L with Helixâ€“Loopâ€“Helix Gene Expression, Hippocampus Volume and Hippocampus Activation During Memory Retrieval. Neuropsychopharmacology, 2017, 42, 2516-2526.	5.4	20
65	The Impact of Stimulus Valence and Emotion Regulation on Sustained Brain Activation: Task-Rest Switching in Emotion. PLoS ONE, 2014, 9, e93098.	2.5	19
66	Segregation of face sensitive areas within the fusiform gyrus using global signal regression? A study on amygdala restingâ€state functional connectivity. Human Brain Mapping, 2015, 36, 4089-4103.	3.6	18
67	Theory of mind network activity is altered in subjects with familial liability for schizophrenia. Social Cognitive and Affective Neuroscience, 2016, 11, 299-307.	3.0	18
68	Cortical surfaceâ€based thresholdâ€free cluster enhancement and cortexwise mediation. Human Brain Mapping, 2017, 38, 2795-2807.	3.6	18
69	Delay discounting without decision-making: medial prefrontal cortex and amygdala activations reflect immediacy processing and correlate with impulsivity and anxious-depressive traits. Frontiers in Behavioral Neuroscience, 2015, 9, 280.	2.0	15
70	MAOAâ€VNTR genotype affects structural and functional connectivity in distributed brain networks. Human Brain Mapping, 2019, 40, 5202-5212.	3.6	14
71	Intelligence, educational attainment, and brain structure in those at familial highâ€risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	3.6	14
72	Age-related physiological responses to emotion anticipation and exposure. NeuroReport, 2008, 19, 447-452.	1.2	13

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73	Differences in Neural Recovery From Acute Stress Between Cortisol Responders and Non-responders. Frontiers in Psychiatry, 2018, 9, 631.	2.6	13
74	Ventral Striatalâ€“Hippocampus Coupling During Reward Processing as a Stratification Biomarker for Psychotic Disorders. Biological Psychiatry, 2022, 91, 216-225.	1.3	10
75	Identification of gene ontologies linked to prefrontalâ€“hippocampal functional coupling in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9657-9662.	7.1	9
76	Neuroanatomical correlates of visual field bias: A sensitive system for detecting potential threats?. Brain Research, 2009, 1263, 69-77.	2.2	8
77	Effective connectivity during face processing in major depression â€“ distinguishing markers of pathology, risk, and resilience. Psychological Medicine, 2023, 53, 4139-4151.	4.5	8
78	The influence of MIR137 on white matter fractional anisotropy and cortical surface area in individuals with familial risk for psychosis. Schizophrenia Research, 2018, 195, 190-196.	2.0	6
79	Neuroscientific and Genetic Evidence in Criminal Cases: A Double-Edged Sword in Germany but Not in the United States?. Frontiers in Psychology, 2019, 10, 2343.	2.1	5
80	The temporal dynamics of resilience: Neural recovery as a biomarker. Behavioral and Brain Sciences, 2015, 38, e126.	0.7	4
81	Autobiographical Script-Driven Imagery Has No Detectable Effect on Emotion Regulation in Healthy Individuals. Neuropsychobiology, 2021, , 1-8.	1.9	0