Sheng Zhang

List of Publications by Year
in descending order

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99 papers	4,902 citations	117625 34 h-index	110387 64 g-index
100 all docs	100 docs citations	100 times ranked	6984 citing authors

#	Article	IF	Citations
1	White matter microstructure differences in individuals with dependence on cocaine, methamphetamine, and nicotine: Findings from the ENIGMA-Addiction working group. Drug and Alcohol Dependence, 2022, 230, 109185.	3.2	12
2	Brain structural covariance network differences in adults with alcohol dependence and heavyâ€drinking adolescents. Addiction, 2022, 117, 1312-1325.	3.3	4
3	Gray matter volumetric correlates of dimensional impulsivity traits in children: Sex differences and heritability. Human Brain Mapping, 2022, 43, 2634-2652.	3.6	11
4	The Neural Processes Interlinking Social Isolation, Social Support, and Problem Alcohol Use. International Journal of Neuropsychopharmacology, 2021, 24, 333-343.	2.1	12
5	Problem drinking alters gray matter volume and food cue responses of the lateral orbitofrontal cortex. Addiction Biology, 2021, 26, e12857.	2.6	6
6	Sex differences in neural responses to reward and the influences of individual reward and punishment sensitivity. BMC Neuroscience, 2021, 22, 12.	1.9	21
7	Altered functional network activities for behavioral adjustments and Bayesian learning in young men with Internet gaming disorder. Journal of Behavioral Addictions, 2021, 10, 112-122.	3.7	9
8	Reward-Related Responses and Tonic Craving in Cocaine Addiction: An Imaging Study of the Monetary Incentive Delay Task. International Journal of Neuropsychopharmacology, 2021, 24, 634-644.	2.1	6
9	Midcingulate Cortical Activations Interrelate Chronic Craving and Physiological Responses to Negative Emotions in Cocaine Addiction. Biological Psychiatry Global Open Science, 2021, 1, 37-47.	2.2	2
10	Perceived friendship and binge drinking in young adults: A study of the Human Connectome Project data. Drug and Alcohol Dependence, 2021, 224, 108731.	3.2	11
11	Cognitive dysfunction and cerebral volumetric deficits in individuals with Alzheimer's disease, alcohol use disorder, and dual diagnosis. Psychiatry Research - Neuroimaging, 2021, 317, 111380.	1.8	8
12	Mapping cortical and subcortical asymmetries in substance dependence: Findings from the ENIGMA Addiction Working Group. Addiction Biology, 2021, 26, e13010.	2.6	22
13	Noradrenergic correlates of chronic cocaine craving: neuromelanin and functional brain imaging. Neuropsychopharmacology, 2021, 46, 851-859.	5.4	10
14	Depression Mediates the Relationship between Childhood Trauma and Internet Addiction in Female but Not Male Chinese Adolescents and Young Adults. Journal of Clinical Medicine, 2021, 10, 5015.	2.4	11
15	Perceived stress, self-efficacy, and the cerebral morphometric markers in binge-drinking young adults. NeuroImage: Clinical, 2021, 32, 102866.	2.7	5
16	Hypothalamic response to cocaine cues and cocaine addiction severity. Addiction Biology, 2020, 25, e12682.	2.6	15
17	Striatal functional connectivity in chronic ketamine users: a pilot study. American Journal of Drug and Alcohol Abuse, 2020, 46, 31-43.	2.1	20
18	Interdependent Neural Correlates of Reward and Punishment Sensitivity During Rewarded Action and Inhibition of Action. Cerebral Cortex, 2020, 30, 1662-1676.	2.9	13

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19	Neural correlates of reward-directed action and inhibition of action. Cortex, 2020, 123, 42-56.	2.4	13
20	Heart Rate Variability, Cue-Evoked Ventromedial Prefrontal Cortical Response, and Problem Alcohol Use in Adult Drinkers. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 619-628.	1.5	13
21	The effects of age on reward magnitude processing in the monetary incentive delay task. NeuroImage, 2020, 207, 116368.	4.2	49
22	The interrelationship of body mass index with gray matter volume and resting-state functional connectivity of the hypothalamus. International Journal of Obesity, 2020, 44, 1097-1107.	3.4	32
23	Threat bias and resting state functional connectivity of the amygdala and bed nucleus stria terminalis. Journal of Psychiatric Research, 2020, 122, 54-63.	3.1	15
24	Neural responses to negative facial emotions: Sex differences in the correlates of individual anger and fear traits. NeuroImage, 2020, 221, 117171.	4.2	28
25	Cue-elicited functional connectivity of the periaqueductal gray and tonic cocaine craving. Drug and Alcohol Dependence, 2020, 216, 108240.	3.2	10
26	Neural Responses to Reward in a Gambling Task: Sex Differences and Individual Variation in Reward-Driven Impulsivity. Cerebral Cortex Communications, 2020, 1, tgaa025.	1.6	16
27	Resting state hypothalamic and dorsomedial prefrontal cortical connectivity of the periaqueductal gray in cocaine addiction. Addiction Biology, 2020, 26, e12989.	2.6	8
28	Pain and reward circuits antagonistically modulate alcohol expectancy to regulate drinking. Translational Psychiatry, 2020, 10, 220.	4.8	19
29	An information network flow approach for measuring functional connectivity and predicting behavior. Brain and Behavior, 2019, 9, e01346.	2.2	12
30	Reward sensitivity and electrodermal responses to actions and outcomes in a go/no-go task. PLoS ONE, 2019, 14, e0219147.	2.5	22
31	Hypothalamic Responses to Cocaine and Food Cues in Individuals with Cocaine Dependence. International Journal of Neuropsychopharmacology, 2019, 22, 754-764.	2.1	23
32	Alterations in functional networks during cue-reactivity in Internet gaming disorder. Journal of Behavioral Addictions, 2019, 8, 277-287.	3.7	28
33	Posterior Cingulate Cortical Response to Active Avoidance Mediates the Relationship between Punishment Sensitivity and Problem Drinking. Journal of Neuroscience, 2019, 39, 6354-6364.	3.6	19
34	Cue-elicited craving, thalamic activity, and physiological arousal in adult non-dependent drinkers. Journal of Psychiatric Research, 2019, 116, 74-82.	3.1	22
35	Cerebral responses to self-initiated action during social interactions. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1521-1535.	2.0	8
36	Alcohol Expectancy and Cerebral Responses toÂCue-Elicited Craving in Adult NondependentÂDrinkers. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 493-504.	1.5	23

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37	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. American Journal of Psychiatry, 2019, 176, 119-128.	7.2	190
38	Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. NeuroImage, 2019, 188, 14-25.	4.2	133
39	Dynamic network dysfunction in cocaine dependence: Graph theoretical metrics and stop signal reaction time. NeuroImage: Clinical, 2018, 18, 793-801.	2.7	27
40	Resting state functional connectivity of the amygdala and problem drinking in non-dependent alcohol drinkers. Drug and Alcohol Dependence, 2018, 185, 173-180.	3.2	38
41	Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. NeuroImage, 2018, 167, 11-22.	4.2	139
42	Response inhibition and fronto-striatal-thalamic circuit dysfunction in cocaine addiction. Drug and Alcohol Dependence, 2018, 192, 137-145.	3.2	30
43	Problem Drinking, Alcohol Expectancy, and Thalamic Resting-State Functional Connectivity in Nondependent Adult Drinkers. Brain Connectivity, 2018, 8, 487-502.	1.7	22
44	Ventral striatal dysfunction in cocaine dependence â€“ difference mapping for subregional resting state functional connectivity. Translational Psychiatry, 2018, 8, 119.	4.8	27
45	Exploring Age-Related Changes in Resting State Functional Connectivity of the Amygdala: From Young to Middle Adulthood. Frontiers in Aging Neuroscience, 2018, 10, 209.	3.4	23
46	Motor Preparation Disrupts Proactive Control in the Stop Signal Task. Frontiers in Human Neuroscience, 2018, 12, 151.	2.0	15
47	Thalamic Cortical Errorâ€“Related Responses in Adult Social Drinkers: Sex Differences and Problem Alcohol Use. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 868-877.	1.5	13
48	Structural and functional cerebral bases of diminished inhibitory control during healthy aging. Human Brain Mapping, 2018, 39, 5085-5096.	3.6	43
49	Resting State Functional Connectivity of the Lateral and Medial Hypothalamus in Cocaine Dependence: An Exploratory Study. Frontiers in Psychiatry, 2018, 9, 344.	2.6	36
50	Resting-State Functional Connectivity of the Basal Nucleus of Meynert in Cigarette Smokers: Dependence Level and Gender Differences. Nicotine and Tobacco Research, 2017, 19, ntw209.	2.6	15
51	Hemispheric lateralization of resting-state functional connectivity of the ventral striatum: an exploratory study. Brain Structure and Function, 2017, 222, 2573-2583.	2.3	32
52	Multimodal Neuroimaging of Frontolimbic Structure and Function Associated With Suicide Attempts in Adolescents and Young Adults With Bipolar Disorder. American Journal of Psychiatry, 2017, 174, 667-675.	7.2	186
53	Distinct neural processes support post-success and post-error slowing in the stop signal task. Neuroscience, 2017, 357, 273-284.	2.3	20
54	Sex differences in the interacting roles of impulsivity and positive alcohol expectancy in problem drinking: A structural brain imaging study. NeuroImage: Clinical, 2017, 14, 750-759.	2.7	38

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55	Functional Connectivity Parcellation of the Human Thalamus by Independent Component Analysis. Brain Connectivity, 2017, 7, 602-616.	1.7	26
56	Depression in chronic ketamine users: Sex differences and neural bases. Psychiatry Research - Neuroimaging, 2017, 269, 1-8.	1.8	26
57	The Effects of Age, from Young to Middle Adulthood, and Gender on Resting State Functional Connectivity of the Dopaminergic Midbrain. Frontiers in Human Neuroscience, 2017, 11, 52.	2.0	19
58	The Effects of Methylphenidate on Resting-State Functional Connectivity of the Basal Nucleus of Meynert, Locus Coeruleus, and Ventral Tegmental Area in Healthy Adults. Frontiers in Human Neuroscience, 2016, 10, 149.	2.0	39
59	Restingâ€state functional connectivity of the striatum in earlyâ€stage <scp>P</scp>arkinson's disease: Cognitive decline and motor symptomatology. Human Brain Mapping, 2016, 37, 648-662.	3.6	74
60	The Right Superior Frontal Gyrus and Individual Variation in Proactive Control of Impulsive Response. Journal of Neuroscience, 2016, 36, 12688-12696.	3.6	132
61	Hemispheric Lateralization of Resting-State Functional Connectivity of the Anterior Insula: Association with Age, Gender, and a Novelty-Seeking Trait. Brain Connectivity, 2016, 6, 724-734.	1.7	59
62	Cocaine dependence and thalamic functional connectivity: a multivariate pattern analysis. NeuroImage: Clinical, 2016, 12, 348-358.	2.7	21
63	Association of Drinking Problems and Duration of Alcohol Use to Inhibitory Control in Nondependent Young Adult Social Drinkers. Alcoholism: Clinical and Experimental Research, 2016, 40, 319-328.	2.4	22
64	A dual but asymmetric role of the dorsal anterior cingulate cortex in response inhibition and switching from a non-salient to salient action. NeuroImage, 2016, 134, 466-474.	4.2	32
65	The effects of methylphenidate on cerebral responses to conflict anticipation and unsigned prediction error in a stop-signal task. Journal of Psychopharmacology, 2016, 30, 283-293.	4.0	13
66	Power spectrum scale invariance as a neural marker of cocaine misuse and altered cognitive control. NeuroImage: Clinical, 2016, 11, 349-356.	2.7	20
67	Individual variation in the neural processes of motor decisions in the stop signal task: the influence of novelty seeking and harm avoidance personality traits. Brain Structure and Function, 2016, 221, 2607-2618.	2.3	13
68	Resting-State Functional Connectivity of the Locus Coeruleus in Humans: In Comparison with the Ventral Tegmental Area/Substantia Nigra Pars Compacta and the Effects of Age. Cerebral Cortex, 2016, 26, 3413-3427.	2.9	93
69	Independent component analysis of functional networks for response inhibition: Interâ€subject variation in stop signal reaction time. Human Brain Mapping, 2015, 36, 3289-3302.	3.6	36
70	Barratt Impulsivity and Neural Regulation of Physiological Arousal. PLoS ONE, 2015, 10, e0129139.	2.5	28
71	The effects of age on resting state functional connectivity of the basal ganglia from young to middle adulthood. NeuroImage, 2015, 107, 311-322.	4.2	55
72	Impaired Bayesian learning for cognitive control in cocaine dependence. Drug and Alcohol Dependence, 2015, 151, 220-227.	3.2	20

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73	Anticipating conflict: Neural correlates of a Bayesian belief and its motor consequence. NeuroImage, 2015, 119, 286-295.	4.2	49
74	Conflict anticipation in alcohol dependence â€" A model-based fMRI study of stop signal task. NeuroImage: Clinical, 2015, 8, 39-50.	2.7	64
75	The effects of methylphenidate on resting-state striatal, thalamic and global functional connectivity in healthy adults. International Journal of Neuropsychopharmacology, 2014, 17, 1177-1191.	2.1	47
76	Functional Clustering of the Human Inferior Parietal Lobule by Whole-Brain Connectivity Mapping of Resting-State Functional Magnetic Resonance Imaging Signals. Brain Connectivity, 2014, 4, 140130070445002.	1.7	71
77	Error-related functional connectivity of the thalamus in cocaine dependence. NeuroImage: Clinical, 2014, 4, 585-592.	2.7	34
78	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. Biological Psychiatry, 2014, 75, 595-605.	1.3	222
79	Cerebral gray matter volumes and low-frequency fluctuation of BOLD signals in cocaine dependence: Duration of use and gender difference. Drug and Alcohol Dependence, 2014, 134, 51-62.	3.2	60
80	Gray matter volume correlates of global positive alcohol expectancy in nonâ€dependent adult drinkers. Addiction Biology, 2014, 19, 895-906.	2.6	15
81	Ventromedial prefrontal cortex and the regulation of physiological arousal. Social Cognitive and Affective Neuroscience, 2014, 9, 900-908.	3.0	73
82	Resting state functional connectivity of the basal nucleus of Meynert in humans: In comparison to the ventral striatum and the effects of age. NeuroImage, 2014, 97, 321-332.	4.2	76
83	The effects of methylphenidate on cerebral activations to salient stimuli in healthy adults.. Experimental and Clinical Psychopharmacology, 2014, 22, 154-165.	1.8	21
84	Task-related concurrent but opposite modulations of overlapping functional networks as revealed by spatial ICA. NeuroImage, 2013, 79, 62-71.	4.2	69
85	Methylphenidate remediates error-preceding activation of the default mode brain regions in cocaine-addicted individuals. Psychiatry Research - Neuroimaging, 2013, 214, 116-121.	1.8	21
86	Error processing and gender-shared and -specific neural predictors of relapse in cocaine dependence. Brain, 2013, 136, 1231-1244.	7.6	99
87	Resting-State Functional Connectivity of the Medial Superior Frontal Cortex. Cerebral Cortex, 2012, 22, 99-111.	2.9	173
88	Functional connectivity mapping of the human precuneus by resting state fMRI. NeuroImage, 2012, 59, 3548-3562.	4.2	476
89	Cerebral correlates of skin conductance responses in a cognitive task. NeuroImage, 2012, 62, 1489-1498.	4.2	47
90	Decreased saliency processing as a neural measure of Barratt impulsivity in healthy adults. NeuroImage, 2012, 63, 1070-1077.	4.2	102

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91	Task-Related, Low-Frequency Task-Residual, and Resting State Activity in the Default Mode Network Brain Regions. Frontiers in Psychology, 2012, 3, 172.	2.1	32
92	Neural Processes of an Indirect Analog of Risk Taking in Young Nondependent Adult Alcohol Drinkersâ€"An fMRI Study of the Stop Signal Task. Alcoholism: Clinical and Experimental Research, 2012, 36, 768-779.	2.4	33
93	Functional networks for cognitive control in a stop signal task: Independent component analysis. Human Brain Mapping, 2012, 33, 89-104.	3.6	172
94	Deficits in default mode network activity preceding error in cocaine dependent individuals. Drug and Alcohol Dependence, 2011, 119, e51-e57.	3.2	32
95	Increased error-related thalamic activity during early compared to late cocaine abstinence. Drug and Alcohol Dependence, 2010, 109, 181-189.	3.2	29
96	A neural measure of behavioral engagement: Task-residual low-frequency blood oxygenation level-dependent activity in the precuneus. NeuroImage, 2010, 49, 1911-1918.	4.2	65
97	Gender Differences in Cognitive Control: an Extended Investigation of the Stop Signal Task. Brain Imaging and Behavior, 2009, 3, 262-276.	2.1	99
98	Drosophila Atrophin Homolog Functions as a Transcriptional Corepressor in Multiple Developmental Processes. Cell, 2002, 108, 45-56.	28.9	155
99	Human homologue of the Drosophila melanogaster lats tumour suppressor modulates CDC2 activity. Nature Genetics, 1999, 21, 177-181.	21.4	253