

# Qinghua He

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

2,796  
citations

172207

29  
h-index

233125

45  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examination of Neural Systems Sub-Serving Facebook "Addiction". Psychological Reports, 2014, 115, 675-695.	0.9	148
2	Individual differences in false memory from misinformation: Cognitive factors. Memory, 2010, 18, 543-555.	0.9	119
3	Brain anatomy alterations associated with Social Networking Site (SNS) addiction. Scientific Reports, 2017, 7, 45064.	1.6	96
4	Serotonin transporter gene-linked polymorphic region (5-HTTLPR) influences decision making under ambiguity and risk in a large Chinese sample. Neuropharmacology, 2010, 59, 518-526.	2.0	93
5	Modulation of Brain Activity with Noninvasive Transcranial Direct Current Stimulation (tDCS): Clinical Applications and Safety Concerns. Frontiers in Psychology, 2017, 8, 685.	1.1	90
6	Decoding the Neuroanatomical Basis of Reading Ability: A Multivoxel Morphometric Study. Journal of Neuroscience, 2013, 33, 12835-12843.	1.7	85
7	Functional imaging of implicit marijuana associations during performance on an Implicit Association Test (IAT). Behavioural Brain Research, 2013, 256, 494-502.	1.2	75
8	A Tripartite Neurocognitive Model of Internet Gaming Disorder. Frontiers in Psychiatry, 2017, 8, 285.	1.3	75
9	Functional imaging of an alcohol-implicit association test (IAT). Addiction Biology, 2014, 19, 467-481.	1.4	72
10	Excess social media use in normal populations is associated with amygdala-striatal but not with prefrontal morphology. Psychiatry Research - Neuroimaging, 2017, 269, 31-35.	0.9	71
11	Increased ventral-striatal activity during monetary decision making is a marker of problem poker gambling severity. Addiction Biology, 2016, 21, 688-699.	1.4	69
12	Poor ability to resist tempting calorie rich food is linked to altered balance between neural systems involved in urge and self-control. Nutrition Journal, 2014, 13, 92.	1.5	60
13	Individual differences in false memory from misinformation: Personality characteristics and their interactions with cognitive abilities. Personality and Individual Differences, 2010, 48, 889-894.	1.6	59
14	Contributions of Dopamine-Related Genes and Environmental Factors to Highly Sensitive Personality: A Multi-Step Neuronal System-Level Approach. PLoS ONE, 2011, 6, e21636.	1.1	59
15	Sex Modulates the Associations Between the COMT Gene and Personality Traits. Neuropsychopharmacology, 2011, 36, 1593-1598.	2.8	54
16	Delay discounting mediates the association between posterior insular cortex volume and social media addiction symptoms. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 694-704.	1.0	52
17	Orthographic transparency modulates the functional asymmetry in the fusiform cortex: An artificial language training study. Brain and Language, 2013, 125, 165-172.	0.8	51
18	Cloning and characterization of a plastidic glycerol 3-phosphate dehydrogenase cDNA from Dunaliella salina. Journal of Plant Physiology, 2007, 164, 214-220.	1.6	48

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19	Gray and white matter structures in the midcingulate cortex region contribute to body mass index in Chinese young adults. <i>Brain Structure and Function</i> , 2015, 220, 319-329.	1.2	48
20	Functional Connectome Prediction of Anxiety Related to the COVID-19 Pandemic. <i>American Journal of Psychiatry</i> , 2021, 178, 530-540.	4.0	46
21	Anodal Stimulation of the Left DLPFC Increases IGT Scores and Decreases Delay Discounting Rate in Healthy Males. <i>Frontiers in Psychology</i> , 2016, 7, 1421.	1.1	45
22	COMT Val158Met polymorphism interacts with stressful life events and parental warmth to influence decision making. <i>Scientific Reports</i> , 2012, 2, 677.	1.6	42
23	How age of acquisition influences brain architecture in bilinguals. <i>Journal of Neurolinguistics</i> , 2015, 36, 35-55.	0.5	40
24	Long-term experience with Chinese language shapes the fusiform asymmetry of English reading. <i>NeuroImage</i> , 2015, 110, 3-10.	2.1	36
25	Brief Exposure to Misinformation Can Lead to Long-Term False Memories. <i>Applied Cognitive Psychology</i> , 2012, 26, 301-307.	0.9	35
26	Emotional eating and routine restraint scores are associated with activity in brain regions involved in urge and self-control. <i>Physiology and Behavior</i> , 2016, 165, 405-412.	1.0	35
27	Association of excessive social media use with abnormal white matter integrity of the corpus callosum. <i>Psychiatry Research - Neuroimaging</i> , 2018, 278, 42-47.	0.9	35
28	Fiber connectivity between the striatum and cortical and subcortical regions is associated with temperaments in Chinese males. <i>NeuroImage</i> , 2014, 89, 226-234.	2.1	34
29	Artificial Language Training Reveals the Neural Substrates Underlying Addressed and Assembled Phonologies. <i>PLoS ONE</i> , 2014, 9, e93548.	1.1	33
30	Resting-state functional connectivity and reading abilities in first and second languages. <i>NeuroImage</i> , 2014, 84, 546-553.	2.1	33
31	Decision Making Deficits in Relation to Food Cues Influence Obesity: A Triadic Neural Model of Problematic Eating. <i>Frontiers in Psychiatry</i> , 2018, 9, 264.	1.3	32
32	Dynamic Causal Modeling of Insular, Striatal, and Prefrontal Cortex Activities During a Food-Specific Go/NoGo Task. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1080-1089.	1.1	32
33	Language-general and -specific white matter microstructural bases for reading. <i>NeuroImage</i> , 2014, 98, 435-441.	2.1	29
34	Native language experience shapes neural basis of addressed and assembled phonologies. <i>NeuroImage</i> , 2015, 114, 38-48.	2.1	29
35	Presumed structural and functional neural recovery after long-term abstinence from cocaine in male military veterans. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 18-29.	2.5	28
36	Neurotensin Receptor 1 Gene (NTSR1) Polymorphism Is Associated with Working Memory. <i>PLoS ONE</i> , 2011, 6, e17365.	1.1	28

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37	The regional homogeneity patterns of the dorsal medial prefrontal cortex predict individual differences in decision impulsivity. <i>NeuroImage</i> , 2019, 200, 556-561.	2.1	24
38	Altered dynamics between neural systems sub-serving decisions for unhealthy food. <i>Frontiers in Neuroscience</i> , 2014, 8, 350.	1.4	23
39	A Meta-Analysis of Transcranial Direct Current Stimulation on Substance and Food Craving: What Effect Do Modulators Have?. <i>Frontiers in Psychiatry</i> , 2020, 11, 598.	1.3	23
40	The Gambler's Fallacy Is Associated with Weak Affective Decision Making but Strong Cognitive Ability. <i>PLoS ONE</i> , 2012, 7, e47019.	1.1	23
41	Activation patterns of the dorsal medial prefrontal cortex and frontal pole predict individual differences in decision impulsivity. <i>Brain Imaging and Behavior</i> , 2021, 15, 421-429.	1.1	22
42	Learning to read words in a new language shapes the neural organization of the prior languages. <i>Neuropsychologia</i> , 2014, 65, 156-168.	0.7	21
43	Systematically lower structural brain connectivity in individuals with elevated food addiction symptoms. <i>Appetite</i> , 2020, 155, 104850.	1.8	20
44	Neural predictors of auditory word learning. <i>NeuroReport</i> , 2008, 19, 215-219.	0.6	19
45	Processing of time within the prefrontal cortex: Recent time engages posterior areas whereas distant time engages anterior areas. <i>NeuroImage</i> , 2013, 72, 280-286.	2.1	19
46	Sex determines which section of the SLC6A4 gene is linked to obsessive-compulsive symptoms in normal Chinese college students. <i>Journal of Psychiatric Research</i> , 2012, 46, 1153-1160.	1.5	18
47	Increased BOLD Signals in dlPFC Is Associated With Stronger Self-Control in Food-Related Decision-Making. <i>Frontiers in Psychiatry</i> , 2018, 9, 689.	1.3	18
48	Hemispheric mPFC asymmetry in decision making under ambiguity and risk: An fNIRS study. <i>Behavioural Brain Research</i> , 2019, 359, 657-663.	1.2	18
49	White matter integrity alternations associated with cocaine dependence and long-term abstinence: Preliminary findings. <i>Behavioural Brain Research</i> , 2020, 379, 112388.	1.2	18
50	The role of the insula in internet gaming disorder. <i>Addiction Biology</i> , 2021, 26, e12894.	1.4	18
51	Regional Homogeneity of Resting-State Brain Activity Suppresses the Effect of Dopamine-Related Genes on Sensory Processing Sensitivity. <i>PLoS ONE</i> , 2015, 10, e0133143.	1.1	18
52	The effect of treadmill training and N-acetyl-l-cysteine intervention on biogenesis of cytochrome c oxidase (COX). <i>Free Radical Biology and Medicine</i> , 2015, 87, 326-335.	1.3	16
53	Negative Impact of Sadness on Response Inhibition in Females: An Explicit Emotional Stop Signal Task fMRI Study. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 119.	1.0	16
54	Genetic variations in the dopaminergic system and alcohol use: a system-level analysis. <i>Addiction Biology</i> , 2012, 17, 479-489.	1.4	15

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55	The contribution of the left mid-fusiform cortical thickness to Chinese and English reading in a large Chinese sample. <i>NeuroImage</i> , 2013, 65, 250-256.	2.1	15
56	Facing temptation: The neural correlates of gambling availability during sports picture exposure. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 718-729.	1.0	15
57	The Impact of STEM Education on Mathematical Development in Children Aged 5-6 Years. <i>International Journal of Educational Research</i> , 2021, 109, 101795.	1.2	15
58	Neural correlates of the impact of prior outcomes on subsequent monetary decision-making in frequent poker players. <i>Biological Psychology</i> , 2017, 124, 30-38.	1.1	14
59	Social networking sites use and the morphology of a social-semantic brain network. <i>Social Neuroscience</i> , 2018, 13, 628-636.	0.7	14
60	Structural brain differences associated with extensive massively-multiplayer video gaming. <i>Brain Imaging and Behavior</i> , 2021, 15, 364-374.	1.1	14
61	How distinct functional insular subdivisions mediate interacting neurocognitive systems. <i>Cerebral Cortex</i> , 2023, 33, 1739-1751.	1.6	14
62	Haplotype Polymorphism in the Alpha-2B-Adrenergic Receptor Gene Influences Response Inhibition in a Large Chinese Sample. <i>Neuropsychopharmacology</i> , 2012, 37, 1115-1121.	2.8	13
63	The Anti-tumoral Efficacy of a Docetaxel-loaded Liposomal Drug Delivery System Modified with Transferrin for Ovarian Cancer. <i>Drug Research</i> , 2014, 64, 195-202.	0.7	13
64	Superior pitch identification ability is associated with better executive functions.. <i>Psychomusicology: Music, Mind and Brain</i> , 2014, 24, 136-146.	1.1	13
65	Interaction Effects of BDNF and COMT Genes on Resting-State Brain Activity and Working Memory. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 540.	1.0	13
66	Neural correlates of proactive and reactive motor response inhibition of gambling stimuli in frequent gamblers. <i>Scientific Reports</i> , 2017, 7, 7394.	1.6	13
67	Sex-based differences in right dorsolateral prefrontal cortex roles in fairness norm compliance. <i>Behavioural Brain Research</i> , 2019, 361, 104-112.	1.2	13
68	The Effect of Solution-Focused Group Counseling Intervention on College Students's Internet Addiction: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2519.	1.2	12
69	Genetic Variations in the Dopamine System and Facial Expression Recognition in Healthy Chinese College Students. <i>Neuropsychobiology</i> , 2012, 65, 83-89.	0.9	11
70	Genotypes over-represented among college students are linked to better cognitive abilities and socioemotional adjustment. <i>Culture and Brain</i> , 2013, 1, 47-63.	0.3	11
71	The SEMA5A gene is associated with hippocampal volume, and their interaction is associated with performance on Raven's Progressive Matrices. <i>NeuroImage</i> , 2014, 88, 181-187.	2.1	11
72	Stronger functional network connectivity and social support buffer against negative affect during the COVID-19 outbreak and after the pandemic peak. <i>Neurobiology of Stress</i> , 2021, 15, 100418.	1.9	11

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73	Association between the HTR2B gene and the personality trait of fun seeking. <i>Personality and Individual Differences</i> , 2012, 53, 1029-1033.	1.6	10
74	Agency Modulates the Lateral and Medial Prefrontal Cortex Responses in Belief-Based Decision Making. <i>PLoS ONE</i> , 2013, 8, e65274.	1.1	10
75	Dyad sex composition effect on inter-brain synchronization in face-to-face cooperation. <i>Brain Imaging and Behavior</i> , 2021, 15, 1667-1675.	1.1	10
76	Dissociable fronto-striatal functional networks predict choice impulsivity. <i>Brain Structure and Function</i> , 2020, 225, 2377-2386.	1.2	10
77	The NTSR1 gene modulates the association between hippocampal structure and working memory performance. <i>NeuroImage</i> , 2013, 75, 79-86.	2.1	9
78	Genetic Variations in the Serotonergic System Contribute to Body-Mass Index in Chinese Adolescents. <i>PLoS ONE</i> , 2013, 8, e58717.	1.1	9
79	<i>RAB2A</i> Polymorphism impacts prefrontal morphology, functional connectivity, and working memory. <i>Human Brain Mapping</i> , 2015, 36, 4372-4382.	1.9	9
80	Intrinsic non-hub connectivity predicts human inter-temporal decision-making. <i>Brain Imaging and Behavior</i> , 2021, 15, 2005-2016.	1.1	9
81	Distinct neural responses of morningness and eveningness chronotype to homeostatic sleep pressure revealed by resting-state functional magnetic resonance imaging. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1439-1446.	1.9	9
82	The neuroanatomical basis of the Gambler's fallacy: A univariate and multivariate morphometric study. <i>Human Brain Mapping</i> , 2019, 40, 967-975.	1.9	8
83	Smoking cues impair monitoring but not stopping during response inhibition in abstinent male smokers. <i>Behavioural Brain Research</i> , 2020, 386, 112605.	1.2	8
84	Neural connectome prospectively encodes the risk of post-traumatic stress disorder (PTSD) symptom during the COVID-19 pandemic. <i>Neurobiology of Stress</i> , 2021, 15, 100378.	1.9	8
85	Awe and Prosocial Behavior: The Mediating Role of Presence of Meaning in Life and the Moderating Role of Perceived Social Support. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6466.	1.2	8
86	Food-Specific Inhibitory Control Mediates the Effect of Disgust Sensitivity on Body Mass Index. <i>Frontiers in Psychology</i> , 2019, 10, 2391.	1.1	7
87	The DOPA decarboxylase (DDC) gene is associated with alerting attention. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 140-145.	2.5	6
88	Resting-state functional network connectivity underlying eating disorder symptoms in healthy young adults. <i>NeuroImage: Clinical</i> , 2021, 30, 102671.	1.4	6
89	Maladaptive changes in delay discounting in males during the COVID-19 pandemic: the predictive role of functional connectome. <i>Cerebral Cortex</i> , 2022, 32, 4605-4618.	1.6	6
90	Gaming behavior and brain activation using functional near-infrared spectroscopy, Iowa gambling task, and machine learning techniques. <i>Brain and Behavior</i> , 2022, 12, e2536.	1.0	6

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91	Examining the Neural Basis of Information Security Policy Violations: A Noninvasive Brain Stimulation Approach. <i>MIS Quarterly: Management Information Systems</i> , 2021, 45, 1715-1744.	3.1	6
92	A Neural Predictive Model of Negative Emotions for COVID-19. <i>IEEE Transactions on Affective Computing</i> , 2023, 14, 2646-2656.	5.7	6
93	Cathodal stimulating the left DLPFC changes risk disposition toward common risky behaviors in daily-life. <i>Neuroscience Letters</i> , 2019, 709, 134400.	1.0	5
94	Increased brain reactivity to gambling unavailability as a marker of problem gambling. <i>Addiction Biology</i> , 2021, 26, e12996.	1.4	5
95	Slow-Wave EEG Activity Correlates with Impaired Inhibitory Control in Internet Addiction Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2686.	1.2	5
96	Impulsivity and neural mechanisms that mediate preference for immediate food rewards in people with vs without excess weight. <i>Appetite</i> , 2021, 169, 105798.	1.8	4
97	Bilateral Intraparietal Activation for Number Tasks in Studies Using Adaptation Paradigm: A Meta-analysis. <i>Neuroscience</i> , 2022, , .	1.1	4
98	Failure of replicating the association between hippocampal volume and 3 single-nucleotide polymorphisms identified from the European genome-wide association study in Asian populations. <i>Neurobiology of Aging</i> , 2014, 35, 2883.e1-2883.e2.	1.5	2
99	Hippocampal size is related to short-term true and false memory, and right fusiform size is related to long-term true and false memory. <i>Brain Structure and Function</i> , 2016, 221, 4045-4057.	1.2	2
100	Editorial: Overeating and Decision Making Vulnerabilities. <i>Frontiers in Psychology</i> , 2019, 10, 587.	1.1	2
101	Striatum-Centered Fiber Connectivity Is Associated with the Personality Trait of Cooperativeness. <i>PLoS ONE</i> , 2016, 11, e0162160.	1.1	2
102	Different Neural Mechanisms for the Comparison and Priming Distance Effects: An fMRI Study. <i>Frontiers in Psychology</i> , 2016, 7, 1633.	1.1	1
103	Almost Everyone Loses Meaning in Life From Social Exclusion, but Some More Than the Others: A Comparison Among Victims, Voluntary, and Forced Rejecters. <i>Frontiers in Psychology</i> , 2021, 12, 658648.	1.1	1
104	The Onset of Menstruation and Social Networking Site Use in Adolescent Girls: The Mediating Role of Body Mass Index. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9942.	1.2	1
105	Association between high levels of body-esteem and increased degree of midcingulate cortex global connectivity: A resting-state fMRI study. <i>Psychophysiology</i> , 2022, 59, e14072.	1.2	1
106	Self-Serving Dishonesty Partially Substitutes Fairness in Motivating Cooperation When People Are Treated Fairly. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6326.	1.2	1
107	Stimulation Location Determination using a 3D Digitizer with High-Definition Transcranial Direct Current Stimulation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	0
108	Beyond reciprocity: Relational sacrifices in romantic partners. <i>Journal of Social and Personal Relationships</i> , 0, , 026540752210809.	1.4	0