

Guang-Heng Dong

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,342
citations

159358

30
h-index

123241

61
g-index

102
all docs

102
docs citations

102
times ranked

2271
citing authors

#	ARTICLE	IF	CITATIONS
1	A cognitive-behavioral model of Internet gaming disorder: Theoretical underpinnings and clinical implications. <i>Journal of Psychiatric Research</i> , 2014, 58, 7-11.	1.5	329
2	Impulse inhibition in people with Internet addiction disorder: Electrophysiological evidence from a Go/NoGo study. <i>Neuroscience Letters</i> , 2010, 485, 138-142.	1.0	238
3	Impaired inhibitory control in "Internet addiction disorder": A functional magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 153-158.	0.9	225
4	Enhanced reward sensitivity and decreased loss sensitivity in Internet addicts: An fMRI study during a guessing task. <i>Journal of Psychiatric Research</i> , 2011, 45, 1525-1529.	1.5	218
5	Precursor or Sequela: Pathological Disorders in People with Internet Addiction Disorder. <i>PLoS ONE</i> , 2011, 6, e14703.	1.1	169
6	Decreased functional connectivity in an executive control network is related to impaired executive function in Internet gaming disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 76-85.	2.5	157
7	Cognitive flexibility in internet addicts: fMRI evidence from difficult-to-easy and easy-to-difficult switching situations. <i>Addictive Behaviors</i> , 2014, 39, 677-683.	1.7	148
8	What makes Internet addicts continue playing online even when faced by severe negative consequences? Possible explanations from an fMRI study. <i>Biological Psychology</i> , 2013, 94, 282-289.	1.1	139
9	Male Internet addicts show impaired executive control ability: Evidence from a color-word Stroop task. <i>Neuroscience Letters</i> , 2011, 499, 114-118.	1.0	134
10	Diffusion tensor imaging reveals thalamus and posterior cingulate cortex abnormalities in internet gaming addicts. <i>Journal of Psychiatric Research</i> , 2012, 46, 1212-1216.	1.5	130
11	Risk-taking and risky decision-making in Internet gaming disorder: Implications regarding online gaming in the setting of negative consequences. <i>Journal of Psychiatric Research</i> , 2016, 73, 1-8.	1.5	128
12	Impaired decision-making and impulse control in Internet gaming addicts: evidence from the comparison with recreational Internet game users. <i>Addiction Biology</i> , 2017, 22, 1610-1621.	1.4	122
13	Impaired risk evaluation in people with Internet gaming disorder: fMRI evidence from a probability discounting task. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 142-148.	2.5	118
14	Abnormal gray matter and white matter volume in "Internet gaming addicts". <i>Addictive Behaviors</i> , 2015, 40, 137-143.	1.7	93
15	Reward/punishment sensitivities among internet addicts: Implications for their addictive behaviors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 139-145.	2.5	89
16	Gender-related differences in neural responses to gaming cues before and after gaming: implications for gender-specific vulnerabilities to Internet gaming disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 1203-1214.	1.5	86
17	Alterations in regional homogeneity of resting-state brain activity in internet gaming addicts. <i>Behavioral and Brain Functions</i> , 2012, 8, 41.	1.4	85
18	Risk personality traits of Internet addiction: A longitudinal study of Internet-addicted Chinese university students. <i>Asia-Pacific Psychiatry</i> , 2013, 5, 316-321.	1.2	70

#	ARTICLE	IF	CITATIONS
19	Meta-analyses of the functional neural alterations in subjects with Internet gaming disorder: Similarities and differences across different paradigms. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109656.	2.5	70
20	Cognitive control and reward/loss processing in Internet gaming disorder: Results from a comparison with recreational Internet game-users. <i>European Psychiatry</i> , 2017, 44, 30-38.	0.1	68
21	Gender-related functional connectivity and craving during gaming and immediate abstinence during a mandatory break: Implications for development and progression of internet gaming disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 1-10.	2.5	66
22	Gaming Increases Craving to Gaming-Related Stimuli in Individuals With Internet Gaming Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 404-412.	1.1	64
23	Impaired Error-Monitoring Function in People with Internet Addiction Disorder: An Event-Related fMRI Study. <i>European Addiction Research</i> , 2013, 19, 269-275.	1.3	61
24	Impaired executive control and reward circuit in Internet gaming addicts under a delay discounting task: independent component analysis. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 245-255.	1.8	56
25	Brain Activity toward Gaming-Related Cues in Internet Gaming Disorder during an Addiction Stroop Task. <i>Frontiers in Psychology</i> , 2016, 7, 714.	1.1	50
26	Gender-related differences in cue-elicited cravings in Internet gaming disorder: The effects of deprivation. <i>Journal of Behavioral Addictions</i> , 2018, 7, 953-964.	1.9	47
27	Imbalanced functional link between executive control network and reward network explain the online-game seeking behaviors in Internet gaming disorder. <i>Scientific Reports</i> , 2015, 5, 9197.	1.6	44
28	Dysfunctional default mode network and executive control network in people with Internet gaming disorder: Independent component analysis under a probability discounting task. <i>European Psychiatry</i> , 2016, 34, 36-42.	0.1	42
29	Disrupted prefrontal regulation of striatum-related craving in Internet gaming disorder revealed by dynamic causal modeling: results from a cue-reactivity task. <i>Psychological Medicine</i> , 2021, 51, 1549-1561.	2.7	42
30	Altered Brain Activities Associated with Craving and Cue Reactivity in People with Internet Gaming Disorder: Evidence from the Comparison with Recreational Internet Game Users. <i>Frontiers in Psychology</i> , 2017, 8, 1150.	1.1	41
31	Behavioural and brain responses related to Internet search and memory. <i>European Journal of Neuroscience</i> , 2015, 42, 2546-2554.	1.2	35
32	Dorsal and ventral striatal functional connectivity shifts play a potential role in internet gaming disorder. <i>Communications Biology</i> , 2021, 4, 866.	2.0	35
33	Cue-elicited craving-related lentiform activation during gaming deprivation is associated with the emergence of Internet gaming disorder. <i>Addiction Biology</i> , 2020, 25, e12713.	1.4	33
34	Dysfunctional Prefrontal Function Is Associated with Impulsivity in People with Internet Gaming Disorder during a Delay Discounting Task. <i>Frontiers in Psychiatry</i> , 2017, 8, 287.	1.3	32
35	Altered brain functional networks in people with Internet gaming disorder: Evidence from resting-state fMRI. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 156-163.	0.9	31
36	Females are more vulnerable to Internet gaming disorder than males: Evidence from cortical thickness abnormalities. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 145-153.	0.9	31

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37	Brain response features during forced break could predict subsequent recovery in internet gaming disorder: A longitudinal study. <i>Journal of Psychiatric Research</i> , 2019, 113, 17-26.	1.5	30
38	Cortical thickness and volume abnormalities in Internet gaming disorder: Evidence from comparison of recreational Internet game users. <i>European Journal of Neuroscience</i> , 2018, 48, 1654-1666.	1.2	29
39	Altered neural processing of negative stimuli in people with internet gaming disorder: fMRI evidence from the comparison with recreational game users. <i>Journal of Affective Disorders</i> , 2020, 264, 324-332.	2.0	28
40	Inhibitory neuromodulation of the putamen to the prefrontal cortex in Internet gaming disorder: How addiction impairs executive control. <i>Journal of Behavioral Addictions</i> , 2020, 9, 312-324.	1.9	27
41	Diffusion-weighted MRI measures suggest increased white-matter integrity in Internet gaming disorder: Evidence from the comparison with recreational Internet game users. <i>Addictive Behaviors</i> , 2018, 81, 32-38.	1.7	26
42	The correlation between mood states and functional connectivity within the default mode network can differentiate Internet gaming disorder from healthy controls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 77, 185-193.	2.5	25
43	Is N2 associated with successful suppression of behavior responses in impulse control processes?. <i>NeuroReport</i> , 2009, 20, 537-542.	0.6	23
44	Frequency-dependent changes in the amplitude of low-frequency fluctuations in internet gaming disorder. <i>Frontiers in Psychology</i> , 2015, 6, 1471.	1.1	22
45	Attempting to hide our real thoughts: Electrophysiological evidence from truthful and deceptive responses during evaluation. <i>Neuroscience Letters</i> , 2010, 479, 1-5.	1.0	21
46	Functional neural changes and altered cortical-subcortical connectivity associated with recovery from Internet gaming disorder. <i>Journal of Behavioral Addictions</i> , 2019, 8, 692-702.	1.9	20
47	Mapping Internet gaming disorder using effective connectivity: A spectral dynamic causal modeling study. <i>Addictive Behaviors</i> , 2019, 90, 62-70.	1.7	20
48	Gender-related differences in frontal-parietal modular segregation and altered effective connectivity in internet gaming disorder. <i>Journal of Behavioral Addictions</i> , 2021, 10, 123-134.	1.9	20
49	Functional neural changes following behavioral therapies and disulfiram for cocaine dependence.. <i>Psychology of Addictive Behaviors</i> , 2017, 31, 534-547.	1.4	20
50	Short-term Internet search using makes people rely on search engines when facing unknown issues. <i>PLoS ONE</i> , 2017, 12, e0176325.	1.1	19
51	Reduced frontostriatal functional connectivity and associations with severity of Internet gaming disorder. <i>Addiction Biology</i> , 2021, 26, e12985.	1.4	19
52	Early Negativity Bias Occurring Prior to Experiencing of Emotion. <i>Journal of Psychophysiology</i> , 2011, 25, 9-17.	0.3	19
53	Addiction severity modulates the precuneus involvement in internet gaming disorder: Functionality, morphology and effective connectivity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109829.	2.5	18
54	Short-Term Internet-Search Training Is Associated with Increased Fractional Anisotropy in the Superior Longitudinal Fasciculus in the Parietal Lobe. <i>Frontiers in Neuroscience</i> , 2017, 11, 372.	1.4	17

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55	Group independent component analysis reveals alternation of right executive control network in Internet gaming disorder. <i>CNS Spectrums</i> , 2018, 23, 300-310.	0.7	17
56	Altered effective connectivity from the pregenual anterior cingulate cortex to the laterobasal amygdala mediates the relationship between internet gaming disorder and loneliness. <i>Psychological Medicine</i> , 2022, 52, 737-746.	2.7	17
57	Considering gender differences in the study and treatment of internet gaming disorder. <i>Journal of Psychiatric Research</i> , 2022, 153, 25-29.	1.5	17
58	Decision-making after continuous wins or losses in a randomized guessing task: implications for how the prior selection results affect subsequent decision-making. <i>Behavioral and Brain Functions</i> , 2014, 10, 11.	1.4	16
59	Sex difference in the effect of Internet gaming disorder on the brain functions: Evidence from resting-state fMRI. <i>Neuroscience Letters</i> , 2019, 698, 44-50.	1.0	16
60	Males are more sensitive to reward and less sensitive to loss than females among people with internet gaming disorder: fMRI evidence from a card-guessing task. <i>BMC Psychiatry</i> , 2020, 20, 357.	1.1	15
61	The imbalance between goal-directed and habitual systems in internet gaming disorder: Results from the disturbed thalamocortical communications. <i>Journal of Psychiatric Research</i> , 2021, 134, 121-128.	1.5	15
62	Altered brain functional networks in Internet gaming disorder: independent component and graph theoretical analysis under a probability discounting task. <i>CNS Spectrums</i> , 2019, 24, 544-556.	0.7	14
63	Decreased effective connection from the parahippocampal gyrus to the prefrontal cortex in Internet gaming disorder: A MVPA and spDCM study. <i>Journal of Behavioral Addictions</i> , 2020, 9, 105-115.	1.9	14
64	Altered brain activities associated with cue reactivity during forced break in subjects with Internet gaming disorder. <i>Addictive Behaviors</i> , 2020, 102, 106203.	1.7	13
65	Connectome-based prediction of craving for gaming in internet gaming disorder. <i>Addiction Biology</i> , 2022, 27, e13076.	1.4	13
66	Disturbed craving regulation to gaming cues in internet gaming disorder: Implications for uncontrolled gaming behaviors. <i>Journal of Psychiatric Research</i> , 2021, 140, 250-259.	1.5	12
67	Development and Validation of a Self-reported Questionnaire for Measuring Internet Search Dependence. <i>Frontiers in Public Health</i> , 2016, 4, 274.	1.3	11
68	The course of visual searching to a target in a fixed location: Electrophysiological evidence from an emotional flanker task. <i>Neuroscience Letters</i> , 2009, 460, 1-5.	1.0	10
69	The activation of the caudate is associated with correct recollections in a reward-based recollection task. <i>Human Brain Mapping</i> , 2016, 37, 3999-4005.	1.9	10
70	Short-term Internet-search practicing modulates brain activity during recollection. <i>Neuroscience</i> , 2016, 335, 82-90.	1.1	10
71	Individual differences in self-reported reward-approach tendencies relate to resting-state and reward-task-based fMRI measures. <i>International Journal of Psychophysiology</i> , 2018, 128, 31-39.	0.5	10
72	Brain responses during strategic online gaming of varying proficiencies: Implications for better gaming. <i>Brain and Behavior</i> , 2018, 8, e01076.	1.0	10

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73	Internet Search Alters Intra- and Inter-regional Synchronization in the Temporal Gyus. <i>Frontiers in Psychology</i> , 2018, 9, 260.	1.1	10
74	The functional connectivity between the prefrontal cortex and supplementary motor area moderates the relationship between internet gaming disorder and loneliness. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110154.	2.5	10
75	Persistent dependent behaviour is accompanied by dynamic switching between the ventral and dorsal striatal connections in internet gaming disorder. <i>Addiction Biology</i> , 2021, 26, e13046.	1.4	10
76	More stringent criteria are needed for diagnosing internet gaming disorder: Evidence from regional brain features and whole-brain functional connectivity multivariate pattern analyses. <i>Journal of Behavioral Addictions</i> , 2020, 9, 642-653.	1.9	10
77	Abnormal Neural Responses to Emotional Stimuli but Not Go/NoGo and Stroop Tasks in Adults with a History of Childhood Nocturnal Enuresis. <i>PLoS ONE</i> , 2015, 10, e0142957.	1.1	9
78	Event-related potential measures of the intending process: Time course and related ERP components. <i>Behavioral and Brain Functions</i> , 2010, 6, 15.	1.4	8
79	A preliminary study of disrupted functional network in individuals with Internet gaming disorder: Evidence from the comparison with recreational game users. <i>Addictive Behaviors</i> , 2020, 102, 106202.	1.7	8
80	Altered modular segregation of brain networks during the cue-craving task contributes to the disrupted executive functions in internet gaming disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 107, 110256.	2.5	8
81	The unbalanced behavioral activation and inhibition system sensitivity in internet gaming disorder: Evidence from resting-state Granger causal connectivity analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 119, 110582.	2.5	8
82	The presentation order of cue and target matters in deception study. <i>Behavioral and Brain Functions</i> , 2010, 6, 63.	1.4	7
83	Brain Activity in Advantageous and Disadvantageous Situations: Implications for Reward/Punishment Sensitivity in Different Situations. <i>PLoS ONE</i> , 2013, 8, e80232.	1.1	7
84	How the risky features of previous selection affect subsequent decision-making: evidence from behavioral and fMRI measures. <i>Frontiers in Neuroscience</i> , 2015, 9, 364.	1.4	7
85	Sex difference in neural responses to gaming cues in Internet gaming disorder: Implications for why males are more vulnerable to cue-induced cravings than females. <i>Neuroscience Letters</i> , 2021, 760, 136001.	1.0	7
86	Neural activation during imitation with or without performance feedback: An fMRI study. <i>Neuroscience Letters</i> , 2016, 629, 202-207.	1.0	6
87	Altered dynamic interactions within frontostriatal circuits reflect disturbed craving processing in internet gaming disorder. <i>CNS Spectrums</i> , 2020, , 1-9.	0.7	6
88	How the win-lose balance situation affects subsequent decision-making: Functional magnetic resonance imaging evidence from a gambling task. <i>Neuroscience</i> , 2014, 272, 131-140.	1.1	5
89	Internet gaming disorder impacts gray matter structural covariance organization in the default mode network. <i>Journal of Affective Disorders</i> , 2021, 288, 23-30.	2.0	5
90	Similarities and differences between internet gaming disorder and tobacco use disorder: A large-scale network study. <i>Addiction Biology</i> , 2022, 27, e13119.	1.4	5

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91	Development of rostral inferior parietal lobule area functional connectivity from late childhood to early adulthood. <i>International Journal of Developmental Neuroscience</i> , 2017, 59, 31-36.	0.7	4
92	Imbalanced sensitivities to primary and secondary rewards in internet gaming disorder. <i>Journal of Behavioral Addictions</i> , 2021, 10, 990-1004.	1.9	4
93	Gender-related differences in involvement of addiction brain networks in internet gaming disorder: Relationships with craving and emotional regulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 118, 110574.	2.5	4
94	The relation of expression recognition and affective experience in facial expression processing: an event-related potential study. <i>Psychology Research and Behavior Management</i> , 2010, 3, 65.	1.3	3
95	How sleep disturbances affect internet gaming disorder: The mediating effect of hippocampal functional connectivity. <i>Journal of Affective Disorders</i> , 2022, 300, 84-90.	2.0	3
96	Internet Searching and Memory Processing During a Recollection fMRI Task: Evidence from Pseudo Recollected Trials. <i>Journal of Technology in Behavioral Science</i> , 2016, 1, 32-36.	1.3	2
97	The presentation order of cue and target matters in deception study. <i>Behavioral and Brain Functions</i> , 2011, 7, 36.	1.4	1
98	Why the processing of repeated targets are better than that of no repetition: evidence from easy-to-difficult and difficult-to-easy switching situations. <i>Behavioral and Brain Functions</i> , 2014, 10, 4.	1.4	0