

# Guang-Heng Dong

## 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.

95  
papers

3,243  
citations

30  
h-index

55  
g-index

102  
ext. papers

3,864  
ext. citations

4.3  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
95	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> , <b>2022</b> , 110574	5.5	0
94	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> , <b>2022</b> , 110582	5.5	0
93	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> , <b>2021</b> , 51, 1549-1561	6.9	22
92	Reduced frontostriatal functional connectivity and associations with severity of Internet gaming disorder. <i>Addiction Biology</i> , <b>2021</b> , 26, e12985	4.6	7
91	Gender-related differences in frontal-parietal modular segregation and altered effective connectivity in internet gaming disorder. <i>Journal of Behavioral Addictions</i> , <b>2021</b> , 10, 123-134	6.3	6
90	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> , <b>2021</b> , 107, 110256	5.5	1
89	Persistent dependent behaviour is accompanied by dynamic switching between the ventral and dorsal striatal connections in internet gaming disorder. <i>Addiction Biology</i> , <b>2021</b> , 26, e13046	4.6	4
88	Internet gaming disorder impacts gray matter structural covariance organization in the default mode network. <i>Journal of Affective Disorders</i> , <b>2021</b> , 288, 23-30	6.6	0
87	Connectome-based prediction of craving for gaming in internet gaming disorder. <i>Addiction Biology</i> , <b>2021</b> , e13076	4.6	2
86	Dorsal and ventral striatal functional connectivity shifts play a potential role in internet gaming disorder. <i>Communications Biology</i> , <b>2021</b> , 4, 866	6.7	7
85	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> , <b>2021</b> , 108, 110154	5.5	3
84	The imbalance between goal-directed and habitual systems in internet gaming disorder: Results from the disturbed thalamocortical communications. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 134, 121-128	5.2	4
83	Disturbed craving regulation to gaming cues in internet gaming disorder: Implications for uncontrolled gaming behaviors. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 140, 250-259	5.2	0
82	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> , <b>2021</b> , 760, 136003	3.3	1
81	Similarities and differences between internet gaming disorder and tobacco use disorder: A large-scale network study.. <i>Addiction Biology</i> , <b>2021</b> , e13119	4.6	
80	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> , <b>2020</b> , 20, 357	4.2	6
79	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> , <b>2020</b> , 9, 105-115	6.3	6

78	Inhibitory neuromodulation of the putamen to the prefrontal cortex in Internet gaming disorder: How addiction impairs executive control. <i>Journal of Behavioral Addictions</i> , <b>2020</b> , 9, 312-324	6.3	16
77	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> , <b>2020</b> , 9, 642-653	6.3	3
76	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> , <b>2020</b> , 264, 324-332	6.6	16
75	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> , <b>2020</b> , 102, 106202	4.2	5
74	Altered brain activities associated with cue reactivity during forced break in subjects with Internet gaming disorder. <i>Addictive Behaviors</i> , <b>2020</b> , 102, 106203	4.2	6
73	Addiction severity modulates the precuneus involvement in internet gaming disorder: Functionality, morphology and effective connectivity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 98, 109829	5.5	8
72	Altered dynamic interactions within frontostriatal circuits reflect disturbed craving processing in internet gaming disorder. <i>CNS Spectrums</i> , <b>2020</b> , 1-9	1.8	0
71	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> , <b>2020</b> , 1-10	6.9	10
70	Cue-elicited craving-related lentiform activation during gaming deprivation is associated with the emergence of Internet gaming disorder. <i>Addiction Biology</i> , <b>2020</b> , 25, e12713	4.6	19
69	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> , <b>2019</b> , 94, 109656	5.5	42
68	Brain response features during forced break could predict subsequent recovery in internet gaming disorder: A longitudinal study. <i>Journal of Psychiatric Research</i> , <b>2019</b> , 113, 17-26	5.2	17
67	Altered brain functional networks in Internet gaming disorder: independent component and graph theoretical analysis under a probability discounting task. <i>CNS Spectrums</i> , <b>2019</b> , 24, 544-556	1.8	5
66	Functional neural changes and altered cortical-subcortical connectivity associated with recovery from Internet gaming disorder. <i>Journal of Behavioral Addictions</i> , <b>2019</b> , 8, 692-702	6.3	10
65	Sex difference in the effect of Internet gaming disorder on the brain functions: Evidence from resting-state fMRI. <i>Neuroscience Letters</i> , <b>2019</b> , 698, 44-50	3.3	7
64	Females are more vulnerable to Internet gaming disorder than males: Evidence from cortical thickness abnormalities. <i>Psychiatry Research - Neuroimaging</i> , <b>2019</b> , 283, 145-153	2.9	18
63	Mapping Internet gaming disorder using effective connectivity: A spectral dynamic causal modeling study. <i>Addictive Behaviors</i> , <b>2019</b> , 90, 62-70	4.2	14
62	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> , <b>2019</b> , 88, 1-10	5.5	42
61	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> , <b>2018</b> , 81, 32-38	4.2	22

60	Individual differences in self-reported reward-approach tendencies relate to resting-state and reward-task-based fMRI measures. <i>International Journal of Psychophysiology</i> , <b>2018</b> , 128, 31-39	2.9	8
59	Group independent component analysis reveals alternation of right executive control network in Internet gaming disorder. <i>CNS Spectrums</i> , <b>2018</b> , 23, 300-310	1.8	10
58	Internet Search Alters Intra- and Inter-regional Synchronization in the Temporal Gyrus. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 260	3.4	6
57	Cortical thickness and volume abnormalities in Internet gaming disorder: Evidence from comparison of recreational Internet game users. <i>European Journal of Neuroscience</i> , <b>2018</b> , 48, 1654	3.5	19
56	Gender-related differences in cue-elicited cravings in Internet gaming disorder: The effects of deprivation. <i>Journal of Behavioral Addictions</i> , <b>2018</b> , 7, 953-964	6.3	30
55	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> , <b>2018</b> , 13, 1203-1214	4	54
54	Brain responses during strategic online gaming of varying proficiencies: Implications for better gaming. <i>Brain and Behavior</i> , <b>2018</b> , 8, e01076	3.4	8
53	Gaming Increases Craving to Gaming-Related Stimuli in Individuals With Internet Gaming Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 404-412	3.4	54
52	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> , <b>2017</b> , 77, 185-193	5.5	18
51	Cognitive control and reward/loss processing in Internet gaming disorder: Results from a comparison with recreational Internet game-users. <i>European Psychiatry</i> , <b>2017</b> , 44, 30-38	6	51
50	Development of rostral inferior parietal lobule area functional connectivity from late childhood to early adulthood. <i>International Journal of Developmental Neuroscience</i> , <b>2017</b> , 59, 31-36	2.7	3
49	Short-term Internet search using makes people rely on search engines when facing unknown issues. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176325	3.7	8
48	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> , <b>2017</b> , 267, 245-255	5.1	39
47	Impaired decision-making and impulse control in Internet gaming addicts: evidence from the comparison with recreational Internet game users. <i>Addiction Biology</i> , <b>2017</b> , 22, 1610-1621	4.6	99
46	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> , <b>2017</b> , 8, 1150	3.4	31
45	Dysfunctional Prefrontal Function Is Associated with Impulsivity in People with Internet Gaming Disorder during a Delay Discounting Task. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 287	5	20
44	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> , <b>2017</b> , 11, 372	5.1	14
43	Functional neural changes following behavioral therapies and disulfiram for cocaine dependence. <i>Psychology of Addictive Behaviors</i> , <b>2017</b> , 31, 534-547	3.4	14

42	Short-term Internet-search practicing modulates brain activity during recollection. <i>Neuroscience</i> , <b>2016</b> , 335, 82-90	3.9	7
41	Altered brain functional networks in people with Internet gaming disorder: Evidence from resting-state fMRI. <i>Psychiatry Research - Neuroimaging</i> , <b>2016</b> , 254, 156-63	2.9	23
40	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> , <b>2016</b> , 34, 36-42	6	34
39	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> , <b>2016</b> , 73, 1-8	5.2	106
38	Brain Activity toward Gaming-Related Cues in Internet Gaming Disorder during an Addiction Stroop Task. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 714	3.4	35
37	Development and Validation of a Self-reported Questionnaire for Measuring Internet Search Dependence. <i>Frontiers in Public Health</i> , <b>2016</b> , 4, 274	6	8
36	The activation of the caudate is associated with correct recollections in a reward-based recollection task. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 3999-4005	5.9	8
35	Internet Searching and Memory Processing During a Recollection fMRI Task: Evidence from Pseudo Recollected Trials. <i>Journal of Technology in Behavioral Science</i> , <b>2016</b> , 1, 32-36	2.3	1
34	Neural activation during imitation with or without performance feedback: An fMRI study. <i>Neuroscience Letters</i> , <b>2016</b> , 629, 202-207	3.3	5
33	Imbalanced functional link between executive control network and reward network explain the online-game seeking behaviors in Internet gaming disorder. <i>Scientific Reports</i> , <b>2015</b> , 5, 9197	4.9	36
32	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> , <b>2015</b> , 57, 76-85	5.5	123
31	Abnormal gray matter and white matter volume in Internet gaming addicts. <i>Addictive Behaviors</i> , <b>2015</b> , 40, 137-43	4.2	74
30	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> , <b>2015</b> , 56, 142-8	5.5	101
29	Behavioural and brain responses related to Internet search and memory. <i>European Journal of Neuroscience</i> , <b>2015</b> , 42, 2546-54	3.5	21
28	How the risky features of previous selection affect subsequent decision-making: evidence from behavioral and fMRI measures. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 364	5.1	5
27	Frequency-dependent changes in the amplitude of low-frequency fluctuations in internet gaming disorder. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 1471	3.4	16
26	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> , <b>2015</b> , 10, e0142957	3.7	6
25	How the win-lose balance situation affects subsequent decision-making: functional magnetic resonance imaging evidence from a gambling task. <i>Neuroscience</i> , <b>2014</b> , 272, 131-40	3.9	5

24	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> , <b>2014</b> , 10, 11	4.1	12
23	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> , <b>2014</b> , 10, 4	4.1	
22	A cognitive-behavioral model of Internet gaming disorder: theoretical underpinnings and clinical implications. <i>Journal of Psychiatric Research</i> , <b>2014</b> , 58, 7-11	5.2	230
21	Cognitive flexibility in internet addicts: fMRI evidence from difficult-to-easy and easy-to-difficult switching situations. <i>Addictive Behaviors</i> , <b>2014</b> , 39, 677-83	4.2	108
20	Risk personality traits of Internet addiction: a longitudinal study of Internet-addicted Chinese university students. <i>Asia-Pacific Psychiatry</i> , <b>2013</b> , 5, 316-21	3.2	60
19	Reward/punishment sensitivities among internet addicts: Implications for their addictive behaviors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2013</b> , 46, 139-45	5.5	77
18	What makes Internet addicts continue playing online even when faced by severe negative consequences? Possible explanations from an fMRI study. <i>Biological Psychology</i> , <b>2013</b> , 94, 282-9	3.2	124
17	Impaired error-monitoring function in people with Internet addiction disorder: an event-related fMRI study. <i>European Addiction Research</i> , <b>2013</b> , 19, 269-75	4.6	52
16	Brain activity in advantageous and disadvantageous situations: implications for reward/punishment sensitivity in different situations. <i>PLoS ONE</i> , <b>2013</b> , 8, e80232	3.7	5
15	Impaired inhibitory control in Internet addiction disorder: a functional magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , <b>2012</b> , 203, 153-8	2.9	178
14	Diffusion tensor imaging reveals thalamus and posterior cingulate cortex abnormalities in internet gaming addicts. <i>Journal of Psychiatric Research</i> , <b>2012</b> , 46, 1212-6	5.2	118
13	Alterations in regional homogeneity of resting-state brain activity in internet gaming addicts. <i>Behavioral and Brain Functions</i> , <b>2012</b> , 8, 41	4.1	71
12	Male Internet addicts show impaired executive control ability: evidence from a color-word Stroop task. <i>Neuroscience Letters</i> , <b>2011</b> , 499, 114-8	3.3	109
11	Precursor or sequela: pathological disorders in people with Internet addiction disorder. <i>PLoS ONE</i> , <b>2011</b> , 6, e14703	3.7	113
10	Enhanced reward sensitivity and decreased loss sensitivity in Internet addicts: an fMRI study during a guessing task. <i>Journal of Psychiatric Research</i> , <b>2011</b> , 45, 1525-9	5.2	191
9	The presentation order of cue and target matters in deception study. <i>Behavioral and Brain Functions</i> , <b>2011</b> , 7, 36	4.1	78
8	Early Negativity Bias Occurring Prior to Experiencing of Emotion. <i>Journal of Psychophysiology</i> , <b>2011</b> , 25, 9-17	1	15
7	The relation of expression recognition and affective experience in facial expression processing: an event-related potential study. <i>Psychology Research and Behavior Management</i> , <b>2010</b> , 3, 65-74	3.8	3

6	Event-related potential measures of the intending process: time course and related ERP components. <i>Behavioral and Brain Functions</i> , <b>2010</b> , 6, 15	4.1	7
5	The presentation order of cue and target matters in deception study. <i>Behavioral and Brain Functions</i> , <b>2010</b> , 6, 63	4.1	6
4	Attempting to hide our real thoughts: electrophysiological evidence from truthful and deceptive responses during evaluation. <i>Neuroscience Letters</i> , <b>2010</b> , 479, 1-5	3.3	18
3	Impulse inhibition in people with Internet addiction disorder: electrophysiological evidence from a Go/NoGo study. <i>Neuroscience Letters</i> , <b>2010</b> , 485, 138-42	3.3	197
2	The course of visual searching to a target in a fixed location: electrophysiological evidence from an emotional flanker task. <i>Neuroscience Letters</i> , <b>2009</b> , 460, 1-5	3.3	10
1	Is N2 associated with successful suppression of behavior responses in impulse control processes?. <i>NeuroReport</i> , <b>2009</b> , 20, 537-42	1.7	20