

# Qing Lu

## List of Publications by Year in descending order

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89  
papers

1,772  
citations

279701

23  
h-index

360920

35  
g-index

92  
all docs

92  
docs citations

92  
times ranked

1911  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired prefrontalâ€œamygdala effective connectivity is responsible for the dysfunction of emotion process in major depressive disorder: A dynamic causal modeling study on MEG. <i>Neuroscience Letters</i> , 2012, 523, 125-130.	1.0	111
2	Environmental exposure to metals and the risk of hypertension: A cross-sectional study in China. <i>Environmental Pollution</i> , 2018, 233, 670-678.	3.7	70
3	Abnormal brain anatomical topological organization of the cognitiveâ€œemotional and the frontoparietal circuitry in major depressive disorder. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1397-1407.	1.9	64
4	Cortical thickness and subcortical structure volume abnormalities in patients with major depression with and without anxious symptoms. <i>Brain and Behavior</i> , 2017, 7, e00754.	1.0	60
5	Altered regional homogeneity in patients with somatic depression: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2019, 246, 498-505.	2.0	55
6	Gender differences in brain activity and the relationship between brain activity and differences in prevalence rates between male and female major depressive disorder patients: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2014, 125, 2232-2239.	0.7	50
7	Predicting depression based on dynamic regional connectivity: A windowed Granger causality analysis of MEG recordings. <i>Brain Research</i> , 2013, 1535, 52-60.	1.1	49
8	Altered anatomical patterns of depression in relation to antidepressant treatment: Evidence from a pattern recognition analysis on the topological organization of brain networks. <i>Journal of Affective Disorders</i> , 2015, 180, 129-137.	2.0	46
9	Dynamic functionalâ€œstructural coupling within acute functional state change phases: Evidence from a depression recognition study. <i>Journal of Affective Disorders</i> , 2016, 191, 145-155.	2.0	46
10	Association of resting-state network dysfunction with their dynamics of inter-network interactions in depression. <i>Journal of Affective Disorders</i> , 2015, 174, 527-534.	2.0	45
11	Associations of environmental exposure to metals with the risk of hypertension in China. <i>Science of the Total Environment</i> , 2018, 622-623, 184-191.	3.9	42
12	Association of co-exposure to heavy metals with renal function in a hypertensive population. <i>Environment International</i> , 2018, 112, 198-206.	4.8	41
13	A supplementary functional connectivity microstate attached to the default mode network in depression revealed by resting-state magnetoencephalography. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 83, 76-85.	2.5	40
14	Abnormal brain anatomical topological organization of the cognitive-emotional and the frontoparietal circuitry in major depressive disorder. <i>Magnetic Resonance in Medicine</i> , 2014, 72, spcone-spcone.	1.9	39
15	Dynamic connectivity laterality of the amygdala under negative stimulus in depression: A MEG study. <i>Neuroscience Letters</i> , 2013, 547, 42-47.	1.0	35
16	Multichannel matching pursuit of MEG signals for discriminative oscillation pattern detection in depression. <i>International Journal of Psychophysiology</i> , 2013, 88, 206-212.	0.5	35
17	Differentiation of Transformed Bipolar Disorder From Unipolar Depression by Resting-State Functional Connectivity Within Reward Circuit. <i>Frontiers in Psychology</i> , 2018, 9, 2586.	1.1	33
18	Early identification of bipolar from unipolar depression before manic episode: Evidence from dynamic rfMRI. <i>Bipolar Disorders</i> , 2019, 21, 774-784.	1.1	32

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19	Altered patterns of association between cortical thickness and subcortical volume in patients with first episode major depressive disorder: A structural MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 16-22.	0.9	30
20	MiR160 and its target genes ARF10, ARF16 and ARF17 modulate hypocotyl elongation in a light, BRZ, or PAC-dependent manner in Arabidopsis. <i>Plant Science</i> , 2021, 303, 110686.	1.7	28
21	Abnormal hubs of white matter networks in the frontal-parieto circuit contribute to depression discrimination via pattern classification. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1314-1320.	1.0	27
22	Ensemble Learning for Early-Response Prediction of Antidepressant Treatment in Major Depressive Disorder. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 161-171.	1.9	27
23	Predicting escitalopram monotherapy response in depression: The role of anterior cingulate cortex. <i>Human Brain Mapping</i> , 2020, 41, 1249-1260.	1.9	27
24	TPH-2 Gene Polymorphism in Major Depressive Disorder Patients With Early-Wakening Symptom. <i>Frontiers in Neuroscience</i> , 2018, 12, 827.	1.4	26
25	Abnormal dynamic community structure of the salience network in depression. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1135-1143.	1.9	25
26	Structural-functional decoupling predicts suicide attempts in bipolar disorder patients with a current major depressive episode. <i>Neuropsychopharmacology</i> , 2020, 45, 1735-1742.	2.8	25
27	Abnormal Alterations of Regional Spontaneous Neuronal Activity in Inferior Frontal Orbital Gyrus and Corresponding Brain Circuit Alterations: A Resting-State fMRI Study in Somatic Depression. <i>Frontiers in Psychiatry</i> , 2019, 10, 267.	1.3	23
28	Nlrc3-like is required for microglia maintenance in zebrafish. <i>Journal of Genetics and Genomics</i> , 2019, 46, 291-299.	1.7	22
29	Atrophy of right inferior frontal orbital gyrus and frontoparietal functional connectivity abnormality in depressed suicide attempters. <i>Brain Imaging and Behavior</i> , 2020, 14, 2542-2552.	1.1	22
30	Brain functional abnormalities in the amygdala subregions is associated with anxious depression. <i>Journal of Affective Disorders</i> , 2020, 276, 653-659.	2.0	20
31	Dynamic community structure in major depressive disorder: A resting-state MEG study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 39-47.	2.5	19
32	Reduced Resting State Neural Activity in the Right Orbital Part of Middle Frontal Gyrus in Anxious Depression. <i>Frontiers in Psychiatry</i> , 2019, 10, 994.	1.3	19
33	Polymorphisms in gene MMP-2 modify the association of cadmium exposure with hypertension risk. <i>Environment International</i> , 2019, 124, 441-447.	4.8	18
34	Identification of major depressive disorder and prediction of treatment response using functional connectivity between the prefrontal cortices and subgenual anterior cingulate: A real-world study. <i>Journal of Affective Disorders</i> , 2019, 252, 365-372.	2.0	18
35	Increased prevalence of subclinical hypothyroidism in female hospitalized patients with depression. <i>Endocrine</i> , 2021, 72, 479-485.	1.1	18
36	Reconfiguration of hub-level community structure in depressions: A follow-up study via diffusion tensor imaging. <i>Journal of Affective Disorders</i> , 2017, 207, 305-312.	2.0	17

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37	Caudothalamic dysfunction in drug-free suicidally depressed patients: an MEG study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 217-227.	1.8	17
38	Magnetoencephalography resting-state spectral fingerprints distinguish bipolar depression and unipolar depression. <i>Bipolar Disorders</i> , 2020, 22, 612-620.	1.1	16
39	Aberrant functional connectivity and graph properties in bipolar II disorder with suicide attempts. <i>Journal of Affective Disorders</i> , 2020, 275, 202-209.	2.0	16
40	Antidepressants normalize brain flexibility associated with multi-dimensional symptoms in major depressive patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109866.	2.5	16
41	Phase separation-mediated condensation of Whirlin-Myo15-Eps8 stereocilia tip complex. <i>Cell Reports</i> , 2021, 34, 108770.	2.9	16
42	Temporal dynamics alterations of spontaneous neuronal activity in anterior cingulate cortex predict suicidal risk in bipolar II patients. <i>Brain Imaging and Behavior</i> , 2021, 15, 2481-2491.	1.1	16
43	Sex differences in the association between symptom profiles and cognitive functioning in patients with depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 287, 1-7.	2.0	16
44	Disturbed Resting-State Whole-Brain Functional Connectivity of Striatal Subregions in Bulimia Nervosa. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 356-365.	1.0	15
45	Depression severity evaluation for female patients based on a functional MRI model. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1067-1074.	1.9	14
46	Discriminative analysis with a limited number of MEG trials in depression. <i>Journal of Affective Disorders</i> , 2014, 167, 207-214.	2.0	14
47	Abnormal early dynamic individual patterns of functional networks in low gamma band for depression recognition. <i>Journal of Affective Disorders</i> , 2018, 238, 366-374.	2.0	14
48	Abnormal structural brain network and hemisphere-specific changes in bulimia nervosa. <i>Translational Psychiatry</i> , 2019, 9, 206.	2.4	14
49	Rehabilitative compensatory mechanism of hierarchical subnetworks in major depressive disorder: A longitudinal study across multi-sites. <i>European Psychiatry</i> , 2019, 58, 54-62.	0.1	14
50	Hyperactive frontolimbic and frontocentral resting-state gamma connectivity in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 257, 74-82.	2.0	13
51	Connectivity of the Frontal Cortical Oscillatory Dynamics Underlying Inhibitory Control During a Go/No-Go Task as a Predictive Biomarker in Major Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 707.	1.3	13
52	Global and reflective rumination are related to suicide attempts among patients experiencing major depressive episodes. <i>BMC Psychiatry</i> , 2021, 21, 117.	1.1	13
53	Disrupted fronto-parietal network and default-mode network gamma interactions distinguishing suicidal ideation and suicide attempt in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110475.	2.5	13
54	Discriminating Suicide Attempters and Predicting Suicide Risk Using Altered Frontolimbic Resting-State Functional Connectivity in Patients With Bipolar II Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 597770.	1.3	12

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55	Functional impairment-based segmentation of anterior cingulate cortex in depression and its relationship with treatment effects. <i>Human Brain Mapping</i> , 2021, 42, 4035-4047.	1.9	12
56	Multivariable self-organizing fuzzy logic control using dynamic performance index and linguistic compensators. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 1537-1547.	4.3	11
57	Alterations of regional spontaneous neuronal activity and corresponding brain circuits related to non-suicidal self-injury in young adults with major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 305, 8-18.	2.0	11
58	Depression recognition using resting-state and event-related fMRI signals. <i>Magnetic Resonance Imaging</i> , 2012, 30, 347-355.	1.0	10
59	Topological Properties of Brain Structural Networks Represent Early Predictive Characteristics for the Occurrence of Bipolar Disorder in Patients With Major Depressive Disorder: A 7-Year Prospective Longitudinal Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 704.	1.3	10
60	Plasma microRNA Array Analysis Identifies Overexpressed miR-19b-3p as a Biomarker of Bipolar Depression Distinguishing From Unipolar Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 757.	1.3	10
61	Decreased Task-Related HRV Is Associated With Inhibitory Dysfunction Through Functional Inter-Region Connectivity of PFC in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 10, 989.	1.3	10
62	Spectral fingerprints of facial affect processing bias in major depression disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1233-1242.	1.5	9
63	Gradually evaluating of suicidal risk in depression by semi-supervised cluster analysis on resting-state fMRI. <i>Brain Imaging and Behavior</i> , 2020, 15, 2149-2158.	1.1	9
64	The direct electrochemistry and bioelectrocatalysis of nitrate reductase at a gold nanoparticles/aminated graphene sheets modified glassy carbon electrode. <i>RSC Advances</i> , 2019, 9, 37207-37213.	1.7	8
65	Aberrant functional connectivity in insular subregions in somatic depression: a resting-state fMRI study. <i>BMC Psychiatry</i> , 2022, 22, 146.	1.1	8
66	Aberrant functional connectivity between the suprachiasmatic nucleus and the superior temporal gyrus: Bridging RORA gene polymorphism with diurnal mood variation in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 132, 123-130.	1.5	7
67	Dynamic analysis on simultaneous iEEG-MEG data via hidden Markov model. <i>NeuroImage</i> , 2021, 233, 117923.	2.1	7
68	FCSD2 cooperates with CDC42 and N-WASP to regulate cell protrusion formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119134.	1.9	7
69	Dynamic connectivity alterations in anterior cingulate cortex associated with suicide attempts in bipolar disorders with a current major depressive episode. <i>Journal of Psychiatric Research</i> , 2022, 149, 307-314.	1.5	7
70	Sub-second transient activated patterns to sad expressions in major depressive disorders discovered via hidden Markov model. <i>Journal of Neuroscience Research</i> , 2021, 99, 3250-3260.	1.3	6
71	Associations of polycyclic aromatic hydrocarbons exposure and its interaction with XRCC1 genetic polymorphism with lung cancer: A case-control study. <i>Environmental Pollution</i> , 2021, 290, 118077.	3.7	6
72	Diurnal mood variation symptoms in major depressive disorder associated with evening chronotype: Evidence from a neuroimaging study. <i>Journal of Affective Disorders</i> , 2022, 298, 151-159.	2.0	6

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73	The Correlation Between Thyroid Function, Frontal Gray Matter, and Executive Function in Patients With Major Depressive Disorder. <i>Frontiers in Endocrinology</i> , 2021, 12, 779693.	1.5	6
74	Attenuated alpha-gamma coupling in emotional dual pathways with right Amygdala predicting ineffective antidepressant response. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 401-410.	1.9	6
75	Predicting Neuroimaging Biomarkers for Antidepressant Selection in Early Treatment of Depression. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 551-559.	1.9	5
76	Shared and disease-sensitive dysfunction across bipolar and unipolar disorder during depressive episodes: a transdiagnostic study. <i>Neuropsychopharmacology</i> , 2022, 47, 1922-1930.	2.8	5
77	Serotonin 2A receptor polymorphism rs3803189 mediated by dynamics of default mode network: a potential biomarker for antidepressant early response. <i>Journal of Affective Disorders</i> , 2021, 283, 130-138.	2.0	4
78	Differences in verbal and spatial working memory in patients with bipolar II and unipolar depression: an MSI study. <i>BMC Psychiatry</i> , 2021, 21, 568.	1.1	4
79	An enriched granger causal model allowing variable static anatomical constraints. <i>NeuroImage: Clinical</i> , 2019, 21, 101592.	1.4	3
80	Autonomic Nervous System Is Related to Inhibitory and Control Function Through Functional Inter-Region Connectivities of OFC in Major Depression. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 235-247.	1.0	3
81	Structure and Membrane Targeting of the PDZD7 Harmonin Homology Domain (HHD) Associated With Hearing Loss. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642666.	1.8	3
82	Predicting Treatment Selections for Individuals with Major Depressive Disorder According to Functional Connectivity Subgroups. <i>Brain Connectivity</i> , 2022, 12, 699-710.	0.8	3
83	Alpha-beta decoupling relevant to inhibition deficits leads to suicide attempt in major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 314, 168-175.	2.0	3
84	Spontaneous transient states of fronto-temporal and default-mode networks altered by suicide attempt in major depressive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1547-1557.	1.8	2
85	Dissecting of the Deterioration in Eating Quality for Erect Panicle (Ep) Type High Yield Japonica Super Rice in Northeast China. <i>Rice</i> , 2022, 15, 15.	1.7	2
86	Interoception Dysfunction Contributes to the Negative Emotional Bias in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2022, 13, 874859.	1.3	2
87	An Investigation into the Association Between Dopamine Receptor D1 Multilocus Genetic Variation, Multiparametric Magnetic Resonance Imaging, and Antidepressant Treatment. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 282-290.	1.9	1
88	Response. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 500-500.	1.9	0
89	Association Between Antidepressant Efficacy and Interactions of Three Core Depression-Related Brain Networks in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2022, 13, 862507.	1.3	0