

Bing Cao

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

3,595
citations

186265
28
h-index

161849
54
g-index

89
all docs

89
docs citations

89
times ranked

4172
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue and cognitive impairment in Post-COVID-19 Syndrome: A systematic review and meta-analysis. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 93-135.	4.1	670
2	Stress, epigenetics and depression: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 139-152.	6.1	246
3	High performance graphene oxide/polyacrylonitrile composite pervaporation membranes for desalination applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5140-5147.	10.3	228
4	Government response moderates the mental health impact of COVID-19: A systematic review and meta-analysis of depression outcomes across countries. <i>Journal of Affective Disorders</i> , 2021, 290, 364-377.	4.1	159
5	Association Between Mood Disorders and Risk of COVID-19 Infection, Hospitalization, and Death. <i>JAMA Psychiatry</i> , 2021, 78, 1079.	11.0	151
6	Electrospun Microfibrous Membranes Based on PIM-1/POSS with High Oil Wettability for Separation of Oil/Water Mixtures and Cleanup of Oil Soluble Contaminants. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8772-8781.	3.7	111
7	CLE9 peptide-induced stomatal closure is mediated by abscisic acid, hydrogen peroxide, and nitric oxide in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2019, 42, 1033-1044.	5.7	101
8	Pharmacological interventions targeting anhedonia in patients with major depressive disorder: A systematic review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 109-117.	4.8	93
9	Comparative efficacy and acceptability of antidiabetic agents for Alzheimer's disease and mild cognitive impairment: A systematic review and network meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2467-2471.	4.4	76
10	Impact of SARS-CoV-2 Infection on Cognitive Function: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 621773.	2.6	74
11	Soluble TREM2 changes during the clinical course of Alzheimer's disease: A meta-analysis. <i>Neuroscience Letters</i> , 2018, 686, 10-16.	2.1	70
12	The neural systems of emotion regulation and abnormalities in major depressive disorder. <i>Behavioural Brain Research</i> , 2019, 367, 181-188.	2.2	70
13	Surface Hydrophilicity and Structure of Hydrophilic Modified PVDF Membrane by Nonsolvent Induced Phase Separation and Their Effect on Oil/Water Separation Performance. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6401-6408.	3.7	68
14	The Efficacy of Vortioxetine on Anhedonia in Patients With Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 17.	2.6	64
15	Vitamin D and Graves' Disease: A Meta-Analysis Update. <i>Nutrients</i> , 2015, 7, 3813-3827.	4.1	62
16	Leptin and adiponectin levels in major depressive disorder: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2018, 238, 101-110.	4.1	59
17	Real-world effectiveness of ketamine in treatment-resistant depression: A systematic review & meta-analysis. <i>Journal of Psychiatric Research</i> , 2022, 151, 693-709.	3.1	52
18	Fine-Tuning Stomatal Movement Through Small Signaling Peptides. <i>Frontiers in Plant Science</i> , 2019, 10, 69.	3.6	51

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19	Characterizing acyl-carnitine biosignatures for schizophrenia: a longitudinal pre- and post-treatment study. <i>Translational Psychiatry</i> , 2019, 9, 19.	4.8	44
20	Registered clinical trials investigating treatment of long COVID: a scoping review and recommendations for research. <i>Infectious Diseases</i> , 2022, 54, 467-477.	2.8	42
21	Metabolic profiling identifies phospholipids as potential serum biomarkers for schizophrenia. <i>Psychiatry Research</i> , 2019, 272, 18-29.	3.3	41
22	The utility of smartphone-based, ecological momentary assessment for depressive symptoms. <i>Journal of Affective Disorders</i> , 2020, 274, 602-609.	4.1	40
23	Characterizing amino-acid biosignatures amongst individuals with schizophrenia: a case-control study. <i>Amino Acids</i> , 2018, 50, 1013-1023.	2.7	36
24	Prevention and Management of Common Adverse Effects of Ketamine and Esketamine in Patients with Mood Disorders. <i>CNS Drugs</i> , 2021, 35, 925-934.	5.9	35
25	Dysregulation of kynurenine pathway and potential dynamic changes of kynurenine in schizophrenia: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 203-214.	6.1	34
26	Prevalence of type 2 diabetes mellitus, impaired fasting glucose, general obesity, and abdominal obesity in patients with bipolar disorder: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2022, 300, 449-461.	4.1	34
27	Association between cognitive function and performance on effort based decision making in patients with major depressive disorder treated with Vortioxetine. <i>Comprehensive Psychiatry</i> , 2019, 94, 152113.	3.1	33
28	Comparison of serum essential trace metals between patients with schizophrenia and healthy controls. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 79-85.	3.0	32
29	Comprehensive review of the current literature on impact of ambient air pollution and sleep quality. <i>Sleep Medicine</i> , 2021, 79, 211-219.	1.6	31
30	Association of anaemia with <i>Helicobacter pylori</i> infection: a retrospective study. <i>Scientific Reports</i> , 2017, 7, 13434.	3.3	30
31	Layer-by-Layer Surface Molecular Imprinting on Polyacrylonitrile Nanofiber Mats. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6661-6667.	2.5	28
32	Efficacy of ketamine and esketamine on functional outcomes in treatment-resistant depression: A systematic review. <i>Journal of Affective Disorders</i> , 2021, 293, 285-294.	4.1	28
33	Lower folate levels in schizophrenia: A meta-analysis. <i>Psychiatry Research</i> , 2016, 245, 1-7.	3.3	27
34	Efficacy of dextromethorphan for the treatment of depression: a systematic review of preclinical and clinical trials. <i>Expert Opinion on Emerging Drugs</i> , 2021, 26, 63-74.	2.4	27
35	The effectiveness, safety and tolerability of ketamine for depression in adolescents and older adults: A systematic review. <i>Journal of Psychiatric Research</i> , 2021, 137, 232-241.	3.1	25
36	Development and implementation of guidelines for the management of depression: a systematic review. <i>Bulletin of the World Health Organization</i> , 2020, 98, 683-697H.	3.3	25

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37	Safety, Tolerability, and Real-World Effectiveness of Intravenous Ketamine in Older Adults With Treatment-Resistant Depression: A Case Series. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 899-913.	1.2	24
38	Advances and challenges in development of precision psychiatry through clinical metabolomics on mood and psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 182-188.	4.8	23
39	Association between Breakfast Consumption and Depressive Symptoms among Chinese College Students: A Cross-Sectional and Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1571.	2.6	23
40	Deficits of social cognition in bipolar disorder: Systematic review and meta-analysis. <i>Bipolar Disorders</i> , 2022, 24, 137-148.	1.9	23
41	Surface initiated ATRP of acrylic acid on dopamine-functionalized AAO membranes. <i>Journal of Applied Polymer Science</i> , 2010, 117, 534-541.	2.6	21
42	Serum metabolic profiling using small molecular water-soluble metabolites in individuals with schizophrenia: A longitudinal study using a pre-post-treatment design. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 100-108.	1.8	20
43	Alterations of eicosanoids and related mediators in patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2018, 102, 168-178.	3.1	19
44	The Accumulation and Metabolism Characteristics of Rare Earth Elements in Sprague-Dawley Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1399.	2.6	19
45	Ketamine-induced urological toxicity: potential mechanisms and translation for adults with mood disorders receiving ketamine treatment. <i>Psychopharmacology</i> , 2021, 238, 917-926.	3.1	19
46	Strategies to Prolong Ketamine's Efficacy in Adults with Treatment-Resistant Depression. <i>Advances in Therapy</i> , 2021, 38, 2795-2820.	2.9	19
47	Functionalization of polyacrylonitrile nanofiber mat via surface-initiated atom transfer radical polymerization for copper ions removal from aqueous solution. <i>Desalination and Water Treatment</i> , 2015, 54, 2856-2867.	1.0	18
48	Fabrication and Formation Mechanism of Ag Nanoplate-Decorated Nanofiber Mats and Their Application in SERS. <i>Chemistry - an Asian Journal</i> , 2016, 11, 86-92.	3.3	17
49	Association between B vitamins and schizophrenia: A population-based case-control study. <i>Psychiatry Research</i> , 2018, 259, 501-505.	3.3	17
50	The THINC-it Tool for Cognitive Assessment and Measurement in Major Depressive Disorder: Sensitivity to Change. <i>Frontiers in Psychiatry</i> , 2020, 11, 546.	2.6	17
51	Interfacially polymerized thin-film composite membrane on UV-induced surface hydrophilic-modified polypropylene support for nanofiltration. <i>Polymer Bulletin</i> , 2014, 71, 415-431.	3.3	16
52	Metabolic profiling for water-soluble metabolites in patients with schizophrenia and healthy controls in a Chinese population: A case-control study. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 357-367.	2.6	16
53	Preparation and properties of polyimide solvent-resistant nanofiltration membrane obtained by a two-step method. <i>Polymer International</i> , 2012, 61, 111-117.	3.1	15
54	Trace elements differences in the depression sensitive and resilient rat models. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 204-209.	2.1	15

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55	Changes in sleep predict changes in depressive symptoms in depressed subjects receiving vortioxetine: An open-label clinical trial. <i>Journal of Psychopharmacology</i> , 2019, 33, 1388-1394.	4.0	14
56	Immune response to vaccination in adults with mental disorders: A systematic review. <i>Journal of Affective Disorders</i> , 2022, 304, 66-77.	4.1	14
57	The effects of psychostimulants on cognitive functions in individuals with attention-deficit hyperactivity disorder: A systematic review. <i>Journal of Psychiatric Research</i> , 2022, 149, 252-259.	3.1	13
58	The influence of polyamic acid molecular weight on the membrane structure and performance of polyimide solvent-resistant nanofiltration. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 777-785.	3.2	12
59	Characterising phospholipids and free fatty acids in patients with schizophrenia: A case-control study. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 161-174.	2.6	12
60	Preparation of dual stimuli-responsive PET track-etched membrane by grafting copolymer using ATRP. <i>Polymers for Advanced Technologies</i> , 2013, 24, 22-27.	3.2	11
61	Do sleep changes mediate the anti-depressive and anti-suicidal response of intravenous ketamine in treatment-resistant depression?. <i>Journal of Sleep Research</i> , 2022, 31, e13400.	3.2	11
62	Ketamine for psychotic depression: An overview of the glutamatergic system and ketamine's mechanisms associated with antidepressant and psychotomimetic effects. <i>Psychiatry Research</i> , 2021, 306, 114231.	3.3	11
63	The psychological factors mediating/moderating the association between childhood adversity and depression: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104663.	6.1	11
64	The Calcium-Dependent Protein Kinase CPK33 Mediates Strigolactone-Induced Stomatal Closure in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1630.	3.6	10
65	Vitamin B12 and the risk of schizophrenia: A meta-analysis. <i>Schizophrenia Research</i> , 2016, 172, 216-217.	2.0	9
66	Association between arginine catabolism and major depressive disorder. <i>Medicine (United States)</i> , 2020, 99, e21068.	1.0	9
67	Comparative efficacy of pharmacological treatments on measures of self-rated functional outcomes using the Sheehan Disability Scale in patients with major depressive disorder: a systematic review and network meta-analysis. <i>CNS Spectrums</i> , 2021, , 1-9.	1.2	9
68	Insulin resistance is associated with deficits in hedonic, self-reported cognitive, and psychosocial functional response to antidepressant treatment in individuals with major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 282, 448-453.	4.1	9
69	A pilot case-control study on the association between N-acetyl derivatives in serum and first-episode schizophrenia. <i>Psychiatry Research</i> , 2019, 272, 36-41.	3.3	8
70	Acyl-Carnitine plasma levels and their association with metabolic syndrome in individuals with schizophrenia. <i>Psychiatry Research</i> , 2020, 293, 113458.	3.3	8
71	The Association Between Concentrations of Arginine, Ornithine, Citrulline and Major Depressive Disorder: A Meta-Analysis. <i>Frontiers in Psychiatry</i> , 2021, 12, 686973.	2.6	8
72	Association between muscle strength and depressive symptoms among Chinese female college freshmen: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 510.	1.9	7

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73	Are Physical Activities Associated With Perceived Stress? The Evidence From the China Health and Nutrition Survey. <i>Frontiers in Public Health</i> , 2021, 9, 697484.	2.7	7
74	Genetic association between major depressive disorder and type 2 diabetes mellitus: Shared pathways and protein networks. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110339.	4.8	7
75	Oxidative Stress Mediates the Association Between Dietary Fat Intake and Cognition in US Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 761-773.	1.2	7
76	Association between <i>Helicobacter pylori</i> infection and tumor markers: an observational retrospective study. <i>BMJ Open</i> , 2018, 8, e022374.	1.9	6
77	Parental characteristics and the risk of schizophrenia in a Chinese population: a case-control study. <i>Nordic Journal of Psychiatry</i> , 2019, 73, 90-95.	1.3	6
78	Moderate-to-Severe Depression Adversely Affects Lung Function in Chinese College Students. <i>Frontiers in Psychology</i> , 2020, 11, 652.	2.1	6
79	Association of alkali metals and Alkaline-earth metals with the risk of schizophrenia in a Chinese population: A Case-Control study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 60, 126478.	3.0	6
80	Synthesis of pH-responsive polyethylene terephthalate track-etched membranes by grafting hydroxyethyl methacrylate using atom transfer radical polymerization method. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	5
81	Prevalence and type distribution of human papillomavirus in a Chinese urban population between 2014 and 2018: a retrospective study. <i>PeerJ</i> , 2020, 8, e8709.	2.0	5
82	Immunogenicity and Safety of Childhood Combination Vaccines: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 472.	4.4	5
83	The Correlation Between Potential "Anti-Cancer" Trace Elements and the Risk of Breast Cancer: A Case-Control Study in a Chinese Population. <i>Frontiers in Oncology</i> , 2021, 11, 646534.	2.8	4
84	Association Between Perceived Levels of Stress and Self-Reported Food Preferences Among Males and Females: A Stated Preference Approach Based on the China Health and Nutrition Survey. <i>Frontiers in Public Health</i> , 2022, 10, 850411.	2.7	3
85	Using early changes in cold cognition to predict response to vortioxetine in major depressive disorder. <i>Psychiatry Research</i> , 2020, 284, 112767.	3.3	2
86	Changes in the Serum Concentrations of Essential Trace Metals in Patients with Benign and Malignant Breast Cancers. <i>Biological Trace Element Research</i> , 2022, 200, 3537-3544.	3.5	1
87	Does cognitive behaviour therapy affect peripheral inflammation of depression? A protocol for the systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e048162.	1.9	1
88	Application of computerized cognitive test battery in major depressive disorder: a narrative literature review. <i>Nordic Journal of Psychiatry</i> , 2021, , 1-9.	1.3	0
89	Manifestation of the Se, Cd and Mo levels in different components of the peripheral blood of Sprague-Dawley rats poisoned via the respiratory tract. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 17694-702.	1.3	0