Ana C Andreazza

List of Publications by Year
in descending order

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181 papers	11,653 citations	31976 53 h-index	30922 102 g-index
183 all docs	183 docs citations	183 times ranked	11018 citing authors

#	Article	IF	Citations
1	Pathways underlying neuroprogression in bipolar disorder: Focus on inflammation, oxidative stress and neurotrophic factors. Neuroscience and Biobehavioral Reviews, 2011, 35, 804-817.	6.1	1,007
2	Decreased levels of glutathione, the major brain antioxidant, in post-mortem prefrontal cortex from patients with psychiatric disorders. International Journal of Neuropsychopharmacology, 2011, 14, 123-130.	2.1	462
3	Oxidative stress markers in bipolar disorder: A meta-analysis. Journal of Affective Disorders, 2008, 111, 135-144.	4.1	442
4	Allostatic load in bipolar disorder: Implications for pathophysiology and treatment. Neuroscience and Biobehavioral Reviews, 2008, 32, 675-692.	6.1	416
5	Mitochondrial Complex I Activity and Oxidative Damage to Mitochondrial Proteins in the Prefrontal Cortex of Patients With Bipolar Disorder. Archives of General Psychiatry, 2010, 67, 360.	12.3	382
6	Acute administration of ketamine induces antidepressant-like effects in the forced swimming test and increases BDNF levels in the rat hippocampus. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 140-144.	4.8	377
7	Serum brain-derived neurotrophic factor is decreased in bipolar disorder during depressive and manic episodes. Neuroscience Letters, 2006, 398, 215-219.	2.1	343
8	Brain-derived neurotrophic factor and inflammatory markers in patients with early- vs. late-stage bipolar disorder. International Journal of Neuropsychopharmacology, 2009, 12, 447.	2.1	343
9	Oxidative stress parameters in unmedicated and treated bipolar subjects during initial manic episode: A possible role for lithium antioxidant effects. Neuroscience Letters, 2007, 421, 33-36.	2.1	281
10	Serum S100B and antioxidant enzymes in bipolar patients. Journal of Psychiatric Research, 2007, 41, 523-529.	3.1	269
11	An updated meta-analysis of oxidative stress markers in bipolar disorder. Psychiatry Research, 2014, 218, 61-68.	3.3	266
12	Effects of mood stabilizers on hippocampus BDNF levels in an animal model of mania. Life Sciences, 2006, 79, 281-286.	4.3	211
13	Biomarkers in bipolar disorder: A positional paper from the International Society for Bipolar Disorders Biomarkers Task Force. Australian and New Zealand Journal of Psychiatry, 2013, 47, 321-332.	2.3	193
14	Elevated serum superoxide dismutase and thiobarbituric acid reactive substances in different phases of bipolar disorder and in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1677-1681.	4.8	188
15	The role of hippocampus in the pathophysiology of bipolar disorder. Behavioural Pharmacology, 2007, 18, 419-430.	1.7	149
16	DNA damage in bipolar disorder. Psychiatry Research, 2007, 153, 27-32.	3.3	145
17	3-Nitrotyrosine and glutathione antioxidant system in patients in the early and late stages of bipolar disorder. Journal of Psychiatry and Neuroscience, 2009, 34, 263-71.	2.4	140
18	Serum levels of brain-derived neurotrophic factor in patients with schizophrenia and bipolar disorder. Neuroscience Letters, 2007, 420, 45-48.	2.1	135

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19	Increased oxidative stress as a mechanism for decreased BDNF levels in acute manic episodes. Revista Brasileira De Psiquiatria, 2008, 30, 243-245.	1.7	129
20	Specific subcellular changes in oxidative stress in prefrontal cortex from patients with bipolar disorder. Journal of Neurochemistry, 2013, 127, 552-561.	3.9	129
21	Traumatic life events in bipolar disorder: impact on BDNF levels and psychopathology. Bipolar Disorders, 2007, 9, 128-135.	1.9	128
22	Neuroinflammation and Oxidative Stress in Psychosis and Psychosis Risk. International Journal of Molecular Sciences, 2017, 18, 651.	4.1	124
23	Development and use of a biological rhythm interview. Journal of Affective Disorders, 2009, 118, 161-165.	4.1	117
24	Brain-derived neurotrophic factor serum levels before and after treatment for acute mania. Neuroscience Letters, 2009, 452, 111-113.	2.1	117
25	Elevated serum measures of lipid peroxidation and abnormal prefrontal white matter in euthymic bipolar adults: toward peripheral biomarkers of bipolar disorder. Molecular Psychiatry, 2014, 19, 200-208.	7.9	117
26	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. BMC Psychiatry, 2016, 16, 105.	2.6	114
27	Sequestering Ability of Butylated Hydroxytoluene, Propyl Gallate, Resveratrol, and Vitamins C and E against ABTS, DPPH, and Hydroxyl Free Radicals in Chemical and Biological Systems. Journal of Agricultural and Food Chemistry, 2003, 51, 1077-1080.	5.2	112
28	Investigation of serum high-sensitive C-reactive protein levels across all mood states in bipolar disorder. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 300-304.	3.2	109
29	Increased oxidative stress and DNA damage in bipolar disorder: A twin-case report. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 283-285.	4.8	104
30	Morphometric post-mortem studies in bipolar disorder: possible association with oxidative stress and apoptosis. International Journal of Neuropsychopharmacology, 2011, 14, 1075-1089.	2.1	104
31	Nod-like receptor pyrin containing 3 (NLRP3) in the post-mortem frontal cortex from patients with bipolar disorder: A potential mediator between mitochondria and immune-activation. Journal of Psychiatric Research, 2016, 72, 43-50.	3.1	104
32	Elevated serum superoxide dismutase and thiobarbituric acid reactive substances in schizophrenia: A study of patients treated with haloperidol or clozapine. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 512-515.	4.8	101
33	Chronic Administration of Ketamine Elicits Antidepressantâ€Like Effects in Rats without Affecting Hippocampal Brainâ€Derived Neurotrophic Factor Protein Levels. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 502-506.	2.5	101
34	Predominant polarity in bipolar disorder: Diagnostic implications. Journal of Affective Disorders, 2008, 107, 45-51.	4.1	98
35	Evaluation of genetic damage in a Brazilian population occupationally exposed to pesticides and its correlation with polymorphisms in metabolizing genes. Mutagenesis, 2008, 23, 415-422.	2.6	95
36	Mitochondrial Dysfunction in the Pathogenesis of Rett Syndrome: Implications for Mitochondria-Targeted Therapies. Frontiers in Cellular Neuroscience, 2017, 11, 58.	3.7	95

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37	Chronic hyperhomocysteinemia alters antioxidant defenses and increases DNA damage in brain and blood of rats: Protective effect of folic acid. Neurochemistry International, 2009, 54, 7-13.	3.8	88
38	Increased serum glial cell line-derived neurotrophic factor immunocontent during manic and depressive episodes in individuals with bipolar disorder. Neuroscience Letters, 2006, 407, 146-150.	2.1	84
39	Prefrontal cortex glutathione S-transferase levels in patients with bipolar disorder, major depression and schizophrenia. International Journal of Neuropsychopharmacology, 2011, 14, 1069-1074.	2.1	84
40	The impact of co-morbid alcohol use disorder in bipolar patients. Alcohol, 2008, 42, 451-457.	1.7	82
41	Cognitive function and serum levels of brainâ€derived neurotrophic factor in patients with bipolar disorder. Bipolar Disorders, 2009, 11, 663-671.	1.9	80
42	Early intervention in bipolar disorders: Clinical, biochemical and neuroimaging imperatives. Journal of Affective Disorders, 2009, 114, 1-13.	4.1	75
43	Number of manic episodes is associated with elevated DNA oxidation in bipolar I disorder. International Journal of Neuropsychopharmacology, 2013, 16, 1505-1512.	2.1	73
44	Resveratrol attenuates oxidative-induced DNA damage in C6 Glioma cells. NeuroToxicology, 2007, 28, 886-891.	3.0	71
45	Anxiety Comorbidity and Quality of Life in Bipolar Disorder Patients. Canadian Journal of Psychiatry, 2007, 52, 175-181.	1.9	67
46	Immunoassay for glial fibrillary acidic protein: Antigen recognition is affected by its phosphorylation state. Journal of Neuroscience Methods, 2007, 162, 282-286.	2.5	65
47	DNA damage in rats after treatment with methylphenidate. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1282-1288.	4.8	64
48	Long-Lasting Effects of Maternal Separation on an Animal Model of Post-Traumatic Stress Disorder: Effects on Memory and Hippocampal Oxidative Stress. Neurochemical Research, 2012, 37, 700-707.	3.3	63
49	A Fresh Look at Complex I in Microarray Data: Clues to Understanding Disease-Specific Mitochondrial Alterations in Bipolar Disorder. Biological Psychiatry, 2013, 73, e4-e5.	1.3	62
50	Effects of mood stabilizers on DNA damage in an animal model of mania. Journal of Psychiatry and Neuroscience, 2008, 33, 516-24.	2.4	62
51	Decreased global methylation in patients with bipolar disorder who respond to lithium. International Journal of Neuropsychopharmacology, 2014, 17, 561-569.	2.1	59
52	Serum neurotrophin-3 is increased during manic and depressive episodes in bipolar disorder. Neuroscience Letters, 2007, 415, 87-89.	2.1	58
53	The neurobiology of bipolar disorder: identifying targets for specific agents and synergies for combination treatment. International Journal of Neuropsychopharmacology, 2014, 17, 1039-1052.	2.1	58
54	Val66met polymorphism and serum brain-derived neurotrophic factor levels in bipolar disorder. Molecular Psychiatry, 2007, 12, 230-231.	7.9	51

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55	Effects of lithium and valproate on serum and hippocampal neurotrophin-3 levels in an animal model of mania. Journal of Psychiatric Research, 2008, 42, 416-421.	3.1	51
56	Mismatch between self-reported quality of life and functional assessment in acute mania: A matter of unawareness of illness?. Journal of Affective Disorders, 2007, 103, 247-252.	4.1	49
57	Antioxidant treatments for schizophrenia. The Cochrane Library, 2016, 2016, CD008919.	2.8	49
58	Impairment of the mitochondrial electron transport chain due to sleep deprivation in mice. Journal of Psychiatric Research, 2010, 44, 775-780.	3.1	48
59	Oxidation and nitration in dopaminergic areas of the prefrontal cortex from patients with bipolar disorder and schizophrenia. Journal of Psychiatry and Neuroscience, 2014, 39, 276-285.	2.4	48
60	Pop, heavy metal and the blues: secondary analysis of persistent organic pollutants (POP), heavy metals and depressive symptoms in the NHANES National Epidemiological Survey. BMJ Open, 2014, 4, e005142-e005142.	1.9	48
61	Increased serum neurotrophin-4/5 levels in bipolar disorder. Journal of Psychiatric Research, 2009, 43, 721-723.	3.1	46
62	Accelerated age-related decrease in brain-derived neurotrophic factor levels in bipolar disorder. International Journal of Neuropsychopharmacology, 2009, 12, 137.	2.1	46
63	Decreased mRNA expression of uncoupling protein 2, a mitochondrial proton transporter, in post-mortem prefrontal cortex from patients with bipolar disorder and schizophrenia. Neuroscience Letters, 2011, 505, 47-51.	2.1	46
64	A meta-analysis of lipid peroxidation markers in major depression. Neuropsychiatric Disease and Treatment, 2015, 11, 2479.	2.2	44
65	The role of neurotrophins in bipolar disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 56, 122-128.	4.8	44
66	Intense Exercise Induces Mitochondrial Dysfunction in Mice Brain. Neurochemical Research, 2008, 33, 51-58.	3.3	43
67	Sleep in bipolar patients. Sleep and Breathing, 2009, 13, 169-173.	1.7	43
68	Neuroprotective Effects of AÃ§aÃ-(Euterpe oleraceaMart.) against RotenoneIn VitroExposure. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	4.0	43
69	Clinical impact of late diagnose of bipolar disorder. Journal of Affective Disorders, 2005, 86, 313-316.	4.1	42
70	The Potential Role of the NLRP3 Inflammasome as a Link between Mitochondrial Complex I Dysfunction and Inflammation in Bipolar Disorder. Neural Plasticity, 2015, 2015, 1-10.	2.2	42
71	Lithium increases nerve growth factor levels in the rat hippocampus in an animal model of mania. Behavioural Pharmacology, 2006, 17, 311-318.	1.7	41
72	Consumption of a palatable diet by chronically stressed rats prevents effects on anxiety-like behavior but increases oxidative stress in a sex-specific manner. Appetite, 2010, 55, 108-116.	3.7	41

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73	Peripheral inflammatory markers indicate microstructural damage within periventricular white matter hyperintensities inÂAlzheimer's disease: A preliminary report. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 56-60.	2.4	41
74	Peripheral biomarkers of mitochondrial dysfunction in adolescents with bipolar disorder. Journal of Psychiatric Research, 2020, 123, 187-193.	3.1	40
75	Lipid peroxidation biomarkers in adolescents with or at high-risk for bipolar disorder. Journal of Affective Disorders, 2016, 192, 176-183.	4.1	39
76	Static lung storage at 10Â°C maintains mitochondrial health and preserves donor organ function. Science Translational Medicine, 2021, 13, eabf7601.	12.4	39
77	Association of peripheral inflammation with body mass index and depressive relapse in bipolar disorder. Psychoneuroendocrinology, 2016, 65, 76-83.	2.7	37
78	Lactate in bipolar disorder: A systematic review and metaâ€analysis. Psychiatry and Clinical Neurosciences, 2018, 72, 546-555.	1.8	37
79	Manic symptoms and quality of life in bipolar disorder. Psychiatry Research, 2007, 153, 33-38.	3.3	35
80	Elevated serum thiobarbituric acid reactive substances in clinically symptomatic schizophrenic males. Neuroscience Letters, 2008, 433, 270-273.	2.1	34
81	Oxidative Stress in Older Patients with Bipolar Disorder. American Journal of Geriatric Psychiatry, 2015, 23, 314-319.	1.2	34
82	Association of Lipid Peroxidation and Brain-Derived Neurotrophic Factor with Executive Function in Adolescent Bipolar Disorder. Psychopharmacology, 2017, 234, 647-656.	3.1	34
83	Sex-specific differences on caffeine consumption and chronic stress-induced anxiety-like behavior and DNA breaks in the hippocampus. Pharmacology Biochemistry and Behavior, 2009, 94, 63-69.	2.9	33
84	Combining redox-proteomics and epigenomics to explain the involvement of oxidative stress in psychiatric disorders. Molecular BioSystems, 2012, 8, 2503.	2.9	33
85	Lithium reduces the effects of rotenone-induced complex I dysfunction on DNA methylation and hydroxymethylation in rat cortical primary neurons. Psychopharmacology, 2014, 231, 4189-4198.	3.1	33
86	Bipolar Disorder as a Mitochondrial Disease. Biological Psychiatry, 2018, 83, 720-721.	1.3	33
87	Inflammatory Markers and Brain-Derived Neurotrophic Factor as Potential Bridges Linking Bipolar Disorder and Cardiovascular Risk Among Adolescents. Journal of Clinical Psychiatry, 2017, 78, e286-e293.	2.2	33
88	Serum levels of brain-derived neurotrophic factor in schizophrenia on a hypocaloric diet. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1595-1598.	4.8	32
89	Targeting mitochondrial RNA polymerase in acute myeloid leukemia. Oncotarget, 2015, 6, 37216-37228.	1.8	31
90	Low brain-derived neurotrophic factor levels in post-mortem brains of older adults with depression and dementia in a large clinicopathological sample.. Journal of Affective Disorders, 2018, 241, 176-181.	4.1	31

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91	Plasma microRNA expression levels and their targeted pathways in patients with major depressive disorder who are responsive to duloxetine treatment. Journal of Psychiatric Research, 2019, 110, 38-44.	3.1	31
92	High Fat and Highly Thermolyzed Fat Diets Promote Insulin Resistance and Increase DNA Damage in Rats. Experimental Biology and Medicine, 2009, 234, 1296-1304.	2.4	30
93	Plasma cortisol in first episode drug-naÃ¯ve mania: Differential levels in euphoric versus irritable mood. Journal of Affective Disorders, 2012, 138, 149-152.	4.1	30
94	Serum levels of brain-derived neurotrophic factor and thiobarbituric acid reactive substances in chronically medicated schizophrenic patients: a positive correlation. Revista Brasileira De Psiquiatria, 2008, 30, 337-340.	1.7	28
95	Mitochondrial dysfunction in schizophrenia: an evolutionary perspective. Human Genetics, 2015, 134, 13-21.	3.8	28
96	Peripheral lipid oxidative stress markers are related to vascular risk factors and subcortical small vessel disease. Neurobiology of Aging, 2017, 59, 91-97.	3.1	28
97	Glutathione, the Major Redox Regulator, in the Prefrontal Cortex of Individuals at Clinical High Risk for Psychosis. International Journal of Neuropsychopharmacology, 2018, 21, 311-318.	2.1	28
98	AÃ§aÃ-(Euterpe oleracea Mart.) has anti-inflammatory potential through NLRP3-inflammasome modulation. Journal of Functional Foods, 2019, 56, 364-371.	3.4	28
99	Bipolar depression: the importance of being on remission. Revista Brasileira De Psiquiatria, 2006, 28, 93-96.	1.7	27
100	Emotional memory in bipolar disorder. British Journal of Psychiatry, 2008, 192, 458-463.	2.8	26
101	Serum homocysteine levels and cognitive functioning in euthymic bipolar patients. Journal of Affective Disorders, 2009, 113, 285-290.	4.1	25
102	Effects of haloperidol and clozapine administration on oxidative stress in rat brain, liver and serum. Neuroscience Letters, 2015, 591, 36-40.	2.1	25
103	Oxidative stress predicts depressive symptom changes with omega-3 fatty acid treatment in coronary artery disease patients. Brain, Behavior, and Immunity, 2017, 60, 136-141.	4.1	25
104	Mitochondrial IV complex and brain neurothrophic derived factor responses of mice brain cortex after downhill training. Neuroscience Letters, 2007, 426, 171-174.	2.1	24
105	Upstream Pathways Controlling Mitochondrial Function in Major Psychosis. Canadian Journal of Psychiatry, 2016, 61, 446-456.	1.9	24
106	Decreased Brain-Derived Neurotrophic Factor in Older Adults with Bipolar Disorder. American Journal of Geriatric Psychiatry, 2016, 24, 596-601.	1.2	23
107	Mitochondrial function in individuals at clinical high risk for psychosis. Scientific Reports, 2018, 8, 6216.	3.3	23
108	Agitation, Oxidative Stress, and Cytokines in Alzheimer Disease: Biomarker Analyses From a Clinical Trial With Nabilone for Agitation. Journal of Geriatric Psychiatry and Neurology, 2020, 33, 175-184.	2.3	23

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109	AvaliaÃ§Ã£o de compostos com atividade antioxidante em cÃ©lulas da levedura Saccharomyces cerevisiae. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 95-100.	0.5	22
110	Decreased serum neurotrophin 3 in chronically medicated schizophrenic males. Neuroscience Letters, 2008, 440, 197-201.	2.1	22
111	DNA redox modulations and global DNA methylation in bipolar disorder: Effects of sex, smoking and illness state. Psychiatry Research, 2018, 261, 589-596.	3.3	22
112	Altered central and blood glutathione in Alzheimerâ€™s disease and mild cognitive impairment: a meta-analysis. Alzheimer's Research and Therapy, 2022, 14, 23.	6.2	22
113	Actions of redox-active compound resveratrol under hydrogen peroxide insult in C6 astroglial cells. Toxicology in Vitro, 2010, 24, 916-920.	2.4	20
114	Current State of Biomarkers in Bipolar Disorder. Current Psychiatry Reports, 2014, 16, 514.	4.5	20
115	The link between mitochondrial complex I and brain-derived neurotrophic factor in SH-SY5Y cells â€“ The potential of JNX1001 as a therapeutic agent. European Journal of Pharmacology, 2015, 764, 379-384.	3.5	20
116	Alterations in peripheral fatty acid composition in bipolar and unipolar depression. Journal of Affective Disorders, 2018, 233, 86-91.	4.1	20
117	Guidelines for the standardized collection of blood-based biomarkers in psychiatry: Steps for laboratory validity â€“ a consensus of the Biomarkers Task Force from the WFSBP. World Journal of Biological Psychiatry, 2019, 20, 340-351.	2.6	20
118	Abstinence from repeated amphetamine treatment induces depressive-like behaviors and oxidative damage in rat brain. Psychopharmacology, 2013, 227, 605-614.	3.1	19
119	Redox Modulations, Antioxidants, and Neuropsychiatric Disorders. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	4.0	19
120	Mitochondrial dysfunction and lipid peroxidation in rat frontal cortex by chronic NMDA administration can be partially prevented by lithium treatment. Journal of Psychiatric Research, 2016, 76, 59-65.	3.1	19
121	A gastrin-releasing peptide receptor antagonist blocks d-amphetamine-induced hyperlocomotion and increases hippocampal NGF and BDNF levels in rats. Peptides, 2007, 28, 1447-1452.	2.4	18
122	A Longitudinal Study of the Relationships Between Mood Symptoms, Body Mass Index, and Serum Adipokines in Bipolar Disorder. Journal of Clinical Psychiatry, 2017, 78, 441-448.	2.2	18
123	The relationship between oxidative stress and post-translational modification of the dopamine transporter in bipolar disorder. Expert Review of Neurotherapeutics, 2012, 12, 849-859.	2.8	17
124	Dentate gyrusâ€'cornu ammonis (CA) 4 volume is decreased and associated with depressive episodes and lipid peroxidation in bipolar <scp>II</scp> disorder: Longitudinal and crossâ€sectional analyses. Bipolar Disorders, 2016, 18, 657-668.	1.9	17
125	Increased Neuronal DNA/RNA Oxidation in the Frontal Cortex of Mice Subjected to Unpredictable Chronic Mild Stress. Chronic Stress, 2017, 1, 247054701772474.	3.4	17
126	Characterization of mitochondrial health from human peripheral blood mononuclear cells to cerebral organoids derived from induced pluripotent stem cells. Scientific Reports, 2021, 11, 4523.	3.3	16

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127	Evidence of astrogliosis in rat hippocampus after d-amphetamine exposure. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 1231-1234.	4.8	15
128	Lack of effect of antipsychotics on BNDF and NGF levels in hippocampus of Wistar rats. Metabolic Brain Disease, 2008, 23, 213-219.	2.9	15
129	High-Glucose and S100B Stimulate Glutamate Uptake in C6 Glioma Cells. Neurochemical Research, 2012, 37, 1399-1408.	3.3	15
130	Mitochondrial DNA sequence data reveals association of haplogroup U with psychosis in bipolar disorder. Journal of Psychiatric Research, 2017, 84, 221-226.	3.1	15
131	Mitochondrial Dysfunction: At the Core of Psychiatric Disorders?. Biological Psychiatry, 2018, 83, 718-719.	1.3	15
132	Effect of neuropsychiatric medications on mitochondrial function: For better or for worse. Neuroscience and Biobehavioral Reviews, 2021, 127, 555-571.	6.1	15
133	Strategies and foundations for scientific discovery in longitudinal studies of bipolar disorder. Bipolar Disorders, 2022, 24, 499-508.	1.9	15
134	Investigating the safety and efficacy of nabilone for the treatment of agitation in patients with moderate-to-severe Alzheimer's disease: Study protocol for a cross-over randomized controlled trial. Contemporary Clinical Trials Communications, 2019, 15, 100385.	1.1	14
135	Polypharmacy and suicide attempts in bipolar disorder. Revista Brasileira De Psiquiatria, 2007, 29, 35-38.	1.7	14
136	Vitis labrusca extract effects on cellular dynamics and redox modulations in a SH-SY5Y neuronal cell model: A similar role to lithium. Neurochemistry International, 2014, 79, 12-19.	3.8	13
137	Circulating cell-free mitochondrial DNA in brain health and disease: A systematic review and meta-analysis. World Journal of Biological Psychiatry, 2022, 23, 87-102.	2.6	13
138	24S-Hydroxycholesterol Is Associated with Agitation Severity in Patients with Moderate-to-Severe Alzheimerâ€™s Disease: Analyses from a Clinical Trial with Nabilone. Journal of Alzheimer's Disease, 2019, 71, 21-31.	2.6	12
139	Inflammatory markers, brain-derived neurotrophic factor, and the symptomatic course of adolescent bipolar disorder: A prospective repeated-measures study. Brain, Behavior, and Immunity, 2022, 100, 278-286.	4.1	12
140	Examining redox modulation pathways in the post-mortem frontal cortex in patients with bipolar disorder through data mining of microRNA expression datasets. Journal of Psychiatric Research, 2018, 99, 39-49.	3.1	11
141	AÃ§aÃ-(Euterpe oleracea Mart.) presents anti-neuroinflammatory capacity in LPS-activated microglia cells. Nutritional Neuroscience, 2020, , 1-12.	3.1	11
142	AÃ§aÃ-(Euterpe oleracea Mart.) as a Potential Anti-neuroinflammatory Agent: NLRP3 Priming and Activating Signal Pathway Modulation. Molecular Neurobiology, 2021, 58, 4460-4476.	4.0	11
143	Determination of oxidative stress markers and serum cholinesterase among pesticide sprayers in southern Brazil. Toxicological and Environmental Chemistry, 2008, 90, 809-814.	1.2	10
144	Lipoic acid and haloperidol-induced vacuous chewing movements: Implications for prophylactic antioxidant use in tardive dyskinesia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 72, 23-29.	4.8	10

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145	Grape juice increases the BDNF levels but not alter the S100B levels in hippocampus and frontal cortex from male Wistar Rats. Anais Da Academia Brasileira De Ciencias, 2017, 89, 155-161.	0.8	9
146	Regulators of mitochondrial complex I activity: A review of literature and evaluation in postmortem prefrontal cortex from patients with bipolar disorder. Psychiatry Research, 2016, 236, 148-157.	3.3	8
147	Baseline Oxidative Stress Is Associated with Memory Changes in Omega-3 Fatty Acid Treated Coronary Artery Disease Patients. Cardiovascular Psychiatry and Neurology, 2017, 2017, 1-7.	0.8	8
148	Atorvastatin in the treatment of Lithium-induced nephrogenic diabetes insipidus: the protocol of a randomized controlled trial. BMC Psychiatry, 2018, 18, 227.	2.6	8
149	Evaluation of postmortem microarray data in bipolar disorder using traditional data comparison and artificial intelligence reveals novel gene targets. Journal of Psychiatric Research, 2021, 142, 328-336.	3.1	8
150	Characterizing the NLRP3 Inflammasome in Mood Disorders: Overview, Technical Development, and Measures of Peripheral Activation in Adolescent Patients. International Journal of Molecular Sciences, 2021, 22, 12513.	4.1	8
151	Prevalence and health care costs of mitochondrial disease in Ontario, Canada: A population-based cohort study. PLoS ONE, 2022, 17, e0265744.	2.5	8
152	Thiobarbituric acid reactive substances, seric superoxide dismutase and catalase activities in healthy subjects. Clinica Chimica Acta, 2005, 362, 192-194.	1.1	7
153	Oxidative Stress and S100B Protein in Cirrhotic Children. Neurochemical Research, 2007, 32, 1600-1603.	3.3	7
154	Subchronic glucocorticoids, glutathione depletion and a postpartum model elevate monoamine oxidase a activity in the prefrontal cortex of rats. Brain Research, 2017, 1666, 1-10.	2.2	7
155	Glial fibrillary acidic protein expression after electroconvulsive shocks in rat brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 663-667.	4.8	6
156	Glutathione-mediated effects of lithium in decreasing protein oxidation induced by mitochondrial complex I dysfunction. Journal of Neural Transmission, 2015, 122, 741-746.	2.8	6
157	Validating mitochondrial electron transport chain content in individuals at clinical high risk for psychosis. Scientific Reports, 2019, 9, 12695.	3.3	6
158	Lower pro- to anti-inflammatory ratios associated with reduced neurocognitive flexibility in symptomatic adolescents with bipolar disorder. Journal of Affective Disorders, 2021, 292, 430-438.	4.1	6
159	Validation of the Portuguese version of the Lithium Attitudes Questionnaire (LAQ) in bipolar patients treated with lithium: cross-over study. Clinical Practice and Epidemiology in Mental Health, 2006, 2, 32.	1.2	5
160	The impact of sample processing on inflammatory markers in serum: Lessons learned. World Journal of Biological Psychiatry, 2020, 21, 230-237.	2.6	5
161	Exercise priming with transcranial direct current stimulation: a study protocol for a randomized, parallel-design, sham-controlled trial in mild cognitive impairment and Alzheimerâ€™s disease. BMC Geriatrics, 2021, 21, 677.	2.7	5
162	Quantification of diet quality utilizing the rapid eating assessment for participants-shortened version in bipolar disorder: Implications for prospective depression and cardiometabolic studies. Journal of Affective Disorders, 2022, 310, 150-155.	4.1	5

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163	Araucaria angustifolia (Bertol.) Kuntze has neuroprotective action through mitochondrial modulation in dopaminergic SH-SY5Y cells. Molecular Biology Reports, 2019, 46, 6013-6025.	2.3	4
164	Modulation of Mitochondrial and Epigenetic Targets by Polyphenols-rich Extract from Araucaria angustifolia in Larynx Carcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 130-139.	1.7	4
165	Adaptation and validation of the Portuguese version of the Lithium Knowledge Test (LKT) of bipolar patients treated with lithium: cross-over study. Clinical Practice and Epidemiology in Mental Health, 2006, 2, 34.	1.2	3
166	Glutathione Peroxidase Activity Is Altered in Vascular Cognitive Impairment-No Dementia and Is a Potential Marker for Verbal Memory Performance. Journal of Alzheimer's Disease, 2021, 79, 1285-1296.	2.6	3
167	ResistÃªncia Ã insulina e sÃndrome metabÃ³lica em pacientes ambulatoriais com transtorno do humor bipolar. Revista De Psiquiatria Clinica, 2010, 37, 81-84.	0.6	3
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