## Andrew H Miller

List of Publications by Year in descending order

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256 papers

39,955 citations

81 h-index 194 g-index

265 all docs

265 docs citations

265 times ranked 32167 citing authors

#	Article	IF	CITATIONS
1	Inflammation and Its Discontents: The Role of Cytokines in the Pathophysiology of Major Depression. Biological Psychiatry, 2009, 65, 732-741.	1.3	3,063
2	Cytokines sing the blues: inflammation and the pathogenesis of depression. Trends in Immunology, 2006, 27, 24-31.	6.8	2,502
3	The role of inflammation in depression: from evolutionary imperative to modern treatment target. Nature Reviews Immunology, 2016, 16, 22-34.	22.7	2,350
4	Chronic inflammation in the etiology of disease across the life span. Nature Medicine, 2019, 25, 1822-1832.	30.7	2,195
5	The link between childhood trauma and depression: Insights from HPA axis studies in humans. Psychoneuroendocrinology, 2008, 33, 693-710.	2.7	1,373
6	A Randomized Controlled Trial of the Tumor Necrosis Factor Antagonist Infliximab for Treatment-Resistant Depression. JAMA Psychiatry, 2013, 70, 31.	11.0	1,314
7	When Not Enough Is Too Much: The Role of Insufficient Glucocorticoid Signaling in the Pathophysiology of Stress-Related Disorders. American Journal of Psychiatry, 2003, 160, 1554-1565.	7.2	1,007
8	Glucocorticoid receptors in major depression: relevance to pathophysiology and treatment. Biological Psychiatry, 2001, 49, 391-404.	1.3	1,006
9	Paroxetine for the Prevention of Depression Induced by High-Dose Interferon Alfa. New England Journal of Medicine, 2001, 344, 961-966.	27.0	1,006
10	Mood Disorders in the Medically Ill: Scientific Review and Recommendations. Biological Psychiatry, 2005, 58, 175-189.	1.3	913
11	Psychoneuroimmunology Meets Neuropsychopharmacology: Translational Implications of the Impact of Inflammation on Behavior. Neuropsychopharmacology, 2012, 37, 137-162.	5.4	785
12	Childhood Trauma Associated With Smaller Hippocampal Volume in Women With Major Depression. American Journal of Psychiatry, 2002, 159, 2072-2080.	7.2	742
13	The role of adrenocorticoids as modulators of immune function in health and disease: neural, endocrine and immune interactions. Brain Research Reviews, 1997, 23, 79-133.	9.0	714
14	Neurobehavioral Effects of Interferon-α in Cancer Patients Phenomenology and Paroxetine Responsiveness of Symptom Dimensions. Neuropsychopharmacology, 2002, 26, 643-652.	5.4	680
15	Increased Stress-Induced Inflammatory Responses in Male Patients With Major Depression and Increased Early Life Stress. American Journal of Psychiatry, 2006, 163, 1630-1633.	7.2	669
16	Altered Pituitary-Adrenal Axis Responses to Provocative Challenge Tests in Adult Survivors of Childhood Abuse. American Journal of Psychiatry, 2001, 158, 575-581.	7.2	650
17	CYTOKINE TARGETS IN THE BRAIN: IMPACT ON NEUROTRANSMITTERS AND NEUROCIRCUITS. Depression and Anxiety, 2013, 30, 297-306.	4.1	589
18	Depressive disorders and immunity: 20 years of progress and discovery. Brain, Behavior, and Immunity, 2007, 21, 374-383.	4.1	579

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19	Cytokine-effects on glucocorticoid receptor function: Relevance to glucocorticoid resistance and the pathophysiology and treatment of major depression. Brain, Behavior, and Immunity, 2007, 21, 9-19.	4.1	526
20	Neuroendocrine-Immune Mechanisms of Behavioral Comorbidities in Patients With Cancer. Journal of Clinical Oncology, 2008, 26, 971-982.	1.6	515
21	Cytokines and psychopathology: Lessons from interferon-α. Biological Psychiatry, 2004, 56, 819-824.	1.3	508
22	Interferon-alpha–induced changes in tryptophan metabolism. Biological Psychiatry, 2003, 54, 906-914.	1.3	449
23	Is Depression an Inflammatory Disorder?. Current Psychiatry Reports, 2011, 13, 467-475.	4.5	439
24	Neuropsychiatric Adverse Effects of Interferon-??. CNS Drugs, 2005, 19, 105-123.	5.9	422
25	Higher Than Normal Plasma Interleukin-6 Concentrations in Cancer Patients With Depression: Preliminary Findings. American Journal of Psychiatry, 2001, 158, 1252-1257.	7.2	399
26	Immune Modulation of the Hypothalamic-Pituitary-Adrenal (HPA) Axis during Viral Infection. Viral Immunology, 2005, 18, 41-78.	1.3	399
27	The role of early adverse experience and adulthood stress in the prediction of neuroendocrine stress reactivity in women: A multiple regression analysis. Depression and Anxiety, 2002, 15, 117-125.	4.1	389
28	Inflammation, Glutamate, and Glia: A Trio of Trouble in Mood Disorders. Neuropsychopharmacology, 2017, 42, 193-215.	5.4	343
29	Activation of Central Nervous System Inflammatory Pathways by Interferon-Alpha: Relationship to Monoamines and Depression. Biological Psychiatry, 2009, 65, 296-303.	1.3	315
30	Dopaminergic Mechanisms of Reduced Basal Ganglia Responses to Hedonic Reward During Interferon Alfa Administration. Archives of General Psychiatry, 2012, 69, 1044.	12.3	306
31	Depression in cancer: new developments regarding diagnosis and treatment. Biological Psychiatry, 2003, 54, 283-294.	1.3	287
32	Association of Exaggerated HPA Axis Response to the Initial Injection of Interferon-Alpha With Development of Depression During Interferon-Alpha Therapy. American Journal of Psychiatry, 2003, 160, 1342-1345.	7.2	285
33	Cytokine effects on the basal ganglia and dopamine function: The subcortical source of inflammatory malaise. Frontiers in Neuroendocrinology, 2012, 33, 315-327.	5.2	279
34	Cytokines and Glucocorticoid Receptor Signaling. Annals of the New York Academy of Sciences, 2009, 1179, 86-105.	3.8	272
35	Depression and immunity: A role for T cells?. Brain, Behavior, and Immunity, 2010, 24, 1-8.	4.1	269
36	A Cytokine-Based Neuroimmunologic Mechanism of Cancer-Related Symptoms. NeuroImmunoModulation, 2004, 11, 279-292.	1.8	266

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37	Depression During Pegylated Interferon-Alpha Plus Ribavirin Therapy. Journal of Clinical Psychiatry, 2005, 66, 41-48.	2.2	262
38	What does plasma CRP tell us about peripheral and central inflammation in depression?. Molecular Psychiatry, 2020, 25, 1301-1311.	7.9	251
39	The Proinflammatory Cytokine, Interleukin-1α, Reduces Glucocorticoid Receptor Translocation and Function <sup>1</sup> . Endocrinology, 1999, 140, 4359-4366.	2.8	217
40	Baseline mood and psychosocial characteristics of patients developing depressive symptoms during interleukin-2 and/or interferon-alpha cancer therapy. Brain, Behavior, and Immunity, 2004, 18, 205-213.	4.1	217
41	Mechanisms of cytokine-induced behavioral changes: Psychoneuroimmunology at the translational interface. Brain, Behavior, and Immunity, 2009, 23, 149-158.	4.1	208
42	Anterior Cingulate Activation and Error Processing During Interferon-Alpha Treatment. Biological Psychiatry, 2005, 58, 190-196.	1.3	204
43	Basal Ganglia Hypermetabolism and Symptoms of Fatigue during Interferon-α Therapy. Neuropsychopharmacology, 2007, 32, 2384-2392.	<b>5.</b> 4	203
44	Characterization of Early Cytokine Responses and an Interleukin (IL)-6–dependent Pathway of Endogenous Glucocorticoid Induction during Murine Cytomegalovirus Infection. Journal of Experimental Medicine, 1997, 185, 1185-1192.	8.5	202
45	Effects of Interferon-Alpha on Rhesus Monkeys: A Nonhuman Primate Model of Cytokine-Induced Depression. Biological Psychiatry, 2007, 62, 1324-1333.	1.3	189
46	Depressive Symptoms and Metabolic Syndrome: Is Inflammation the Underlying Link?. Biological Psychiatry, 2008, 64, 896-900.	1.3	188
47	Antidepressant treatment resistance is associated with increased inflammatory markers in patients with major depressive disorder. Psychoneuroendocrinology, 2018, 95, 43-49.	2.7	186
48	The effects of neonatal stress on brain development: Implications for psychopathology. Development and Psychopathology, 1999, 11, 545-565.	2.3	181
49	Inhibition of the NF-κB signaling pathway by the curcumin analog, 3,5-Bis(2-pyridinylmethylidene)-4-piperidone (EF31): Anti-inflammatory and anti-cancer properties. International Immunopharmacology, 2012, 12, 368-377.	3.8	166
50	Pituitary-adrenal responses to standard and low-dose dexamethasone suppression tests in adult survivors of child abuse. Biological Psychiatry, 2004, 55, 10-20.	1.3	161
51	Effects of Cytokines on Glucocorticoid Receptor Expression And Function. Advances in Experimental Medicine and Biology, 1999, 461, 107-116.	1.6	160
52	Chronic Interferon-α Decreases Dopamine 2 Receptor Binding and Striatal Dopamine Release in Association with Anhedonia-Like Behavior in Nonhuman Primates. Neuropsychopharmacology, 2013, 38, 2179-2187.	5.4	158
53	Corticosterone regulation of Type I and Type II adrenal steroid receptors in brain, pituitary, and immune tissue. Brain Research, 1991, 549, 236-246.	2.2	149
54	Steroid-Independent Translocation of the Glucocorticoid Receptor by the Antidepressant Desipramine. Molecular Pharmacology, 1997, 52, 571-581.	2.3	148

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55	Tyrosine metabolism during interferon-alpha administration: Association with fatigue and CSF dopamine concentrations. Brain, Behavior, and Immunity, 2013, 31, 153-160.	4.1	146
56	Does cytokine-induced depression differ from idiopathic major depression in medically healthy individuals?. Journal of Affective Disorders, 2009, 119, 181-185.	4.1	145
57	Antidepressants enhance glucocorticoid receptor function <i>i) in vitro </i> by modulating the membrane steroid transporters. British Journal of Pharmacology, 2001, 134, 1335-1343.	5.4	137
58	Depressive symptoms and viral clearance in patients receiving interferon- $\hat{l}_{\pm}$ and ribavirin for hepatitis C. Brain, Behavior, and Immunity, 2005, 19, 23-27.	4.1	137
59	NEUROENDOCRINE AND IMMUNE SYSTEM INTERACTIONS IN STRESS AND DEPRESSION. Psychiatric Clinics of North America, 1998, 21, 443-463.	1.3	133
60	Association of Major Depressive Disorder with Serum Myeloperoxidase and Other Markers of Inflammation: A Twin Study. Biological Psychiatry, 2008, 64, 476-483.	1.3	132
61	IFN-Alpha-Induced Cortical and Subcortical Glutamate Changes Assessed by Magnetic Resonance Spectroscopy. Neuropsychopharmacology, 2014, 39, 1777-1785.	5.4	130
62	Adrenal steroid receptor activation in rat brain and pituitary following dexamethasone: Implications for the dexamethasone suppression test. Biological Psychiatry, 1992, 32, 850-869.	1.3	129
63	Recommendations for High-Priority Research on Cancer-Related Fatigue in Children and Adults. Journal of the National Cancer Institute, 2013, 105, 1432-1440.	6.3	127
64	Adherence to the Mediterranean Diet Is Inversely Associated With Circulating Interleukin-6 Among Middle-Aged Men. Circulation, 2008, 117, 169-175.	1.6	122
65	Treatment of cytokine-induced depression. Brain, Behavior, and Immunity, 2002, 16, 575-580.	4.1	120
66	Therapeutic Implications of Brain–Immune Interactions: Treatment in Translation. Neuropsychopharmacology, 2017, 42, 334-359.	5.4	113
67	Glucocorticoid Receptors Are Differentially Expressed in the Cells and Tissues of the Immune System. Cellular Immunology, 1998, 186, 45-54.	3.0	107
68	IFN-alpha-induced motor slowing is associated with increased depression and fatigue in patients with chronic hepatitis C. Brain, Behavior, and Immunity, 2008, 22, 870-880.	4.1	107
69	Priapism Associated With Conventional and Atypical Antipsychotic Medications. Journal of Clinical Psychiatry, 2001, 62, 362-366.	2.2	107
70	Chronic Interferon-Alpha Administration Disrupts Sleep Continuity and Depth in Patients with Hepatitis C: Association with Fatigue, Motor Slowing, and Increased Evening Cortisol. Biological Psychiatry, 2010, 68, 942-949.	1.3	106
71	Inflammatory markers are associated with decreased psychomotor speed in patients with major depressive disorder. Brain, Behavior, and Immunity, 2016, 56, 281-288.	4.1	102
72	Alterations in Diurnal Salivary Cortisol Rhythm in a Population-Based Sample of Cases With Chronic Fatigue Syndrome. Psychosomatic Medicine, 2008, 70, 298-305.	2.0	101

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73	Associations among peripheral and central kynurenine pathway metabolites and inflammation in depression. Neuropsychopharmacology, 2020, 45, 998-1007.	5.4	101
74	Inflammation Effects on Brain Glutamate in Depression: Mechanistic Considerations and Treatment Implications. Current Topics in Behavioral Neurosciences, 2016, 31, 173-198.	1.7	99
75	Beyond depression: the expanding role of inflammation in psychiatric disorders. World Psychiatry, 2020, 19, 108-109.	10.4	96
76	Bone sialoprotein and osteopontin in bone metastasis of osteotropic cancers. Critical Reviews in Oncology/Hematology, 2014, 89, 330-341.	4.4	95
77	TNF-α and IL-6 are associated with the deficit syndrome and negative symptoms in patients with chronic schizophrenia. Schizophrenia Research, 2018, 199, 281-284.	2.0	93
78	Chronic Caregiving Stress Alters Peripheral Blood Immune Parameters: The Role of Age and Severity of Stress. Psychotherapy and Psychosomatics, 1997, 66, 199-207.	8.8	89
79	Can't or Won't? Immunometabolic Constraints on Dopaminergic Drive. Trends in Cognitive Sciences, 2019, 23, 435-448.	7.8	88
80	Are Anti-inflammatory Therapies Viable Treatments for Psychiatric Disorders?. JAMA Psychiatry, 2015, 72, 527.	11.0	87
81	The neuroimmunology of stress and depression. Seminars in Clinical Neuropsychiatry, 2001, 6, 277-295.	1.9	86
82	Malaise, melancholia and madness: The evolutionary legacy of an inflammatory bias. Brain, Behavior, and Immunity, 2013, 31, 1-8.	4.1	85
83	Association between posttraumatic stress disorder and inflammation: A twin study. Brain, Behavior, and Immunity, 2013, 30, 125-132.	4.1	84
84	Early life stress and PTSD symptoms in patients with comorbid schizophrenia and substance abuse. Schizophrenia Research, 2004, 69, 167-174.	2.0	79
85	Increased inflammation and brain glutamate define a subtype of depression with decreased regional homogeneity, impaired network integrity, and anhedonia. Translational Psychiatry, 2018, 8, 189.	4.8	78
86	Impact of Ixekizumab Treatment on Depressive Symptoms and Systemic Inflammation in Patients with Moderate-to-Severe Psoriasis: An Integrated Analysis of Three Phase 3 Clinical Studies. Psychotherapy and Psychosomatics, 2017, 86, 260-267.	8.8	77
87	Common Genetic Contributions to Depressive Symptoms and Inflammatory Markers in Middle-Aged Men: The Twins Heart Study. Psychosomatic Medicine, 2009, 71, 152-158.	2.0	76
88	Double Jeopardy: Schizophrenia and Substance Use. American Journal of Drug and Alcohol Abuse, 2000, 26, 343-353.	2.1	73
89	Conceptual Confluence: The Kynurenine Pathway as a Common Target for Ketamine and the Convergence of the Inflammation and Glutamate Hypotheses of Depression. Neuropsychopharmacology, 2013, 38, 1607-1608.	5.4	72
90	Cognitive Dysfunction Relates to Subjective Report of Mental Fatigue in Patients with Chronic Fatigue Syndrome. Neuropsychopharmacology, 2006, 31, 1777-1784.	5 <b>.</b> 4	71

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91	Inflammation and decreased functional connectivity in a widely-distributed network in depression: Centralized effects in the ventral medial prefrontal cortex. Brain, Behavior, and Immunity, 2019, 80, 657-666.	4.1	71
92	Anti-Inflammatory Effects of Inhibiting the Amine Oxidase Activity of Semicarbazide-Sensitive Amine Oxidase. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 553-562.	2.5	70
93	Inflammationâ€induced activation of the indoleamine 2,3â€dioxygenase pathway: Relevance to cancerâ€related fatigue. Cancer, 2015, 121, 2129-2136.	4.1	68
94	A Delphi-method-based consensus guideline for definition of treatment-resistant depression for clinical trials. Molecular Psychiatry, 2022, 27, 1286-1299.	7.9	68
95	The neuroendocrine response to fenfluramine in depressives and normal controls. Biological Psychiatry, 1988, 24, 117-120.	1.3	66
96	Decreased Basal Ganglia Activation in Subjects with Chronic Fatigue Syndrome: Association with Symptoms of Fatigue. PLoS ONE, 2014, 9, e98156.	2.5	66
97	Fatigue is associated with inflammation in patients with head and neck cancer before and after intensity-modulated radiation therapy. Brain, Behavior, and Immunity, 2016, 52, 145-152.	4.1	65
98	Serotonin Transporter Gene, Depressive Symptoms, and Interleukin-6. Circulation: Cardiovascular Genetics, 2009, 2, 614-620.	5.1	62
99	Comparison of Prostate IMRT and VMAT Biologically Optimised Treatment Plans. Medical Dosimetry, 2011, 36, 292-298.	0.9	60
100	Predictors of depression in breast cancer patients treated with radiation: Role of prior chemotherapy and nuclear factor kappa B. Cancer, 2013, 119, 1951-1959.	4.1	59
101	Epigenetic changes associated with inflammation in breast cancer patients treated with chemotherapy. Brain, Behavior, and Immunity, 2014, 38, 227-236.	4.1	59
102	Inhibition of tumor necrosis factor improves sleep continuity in patients with treatment resistant depression and high inflammation. Brain, Behavior, and Immunity, 2015, 47, 193-200.	4.1	59
103	Massage therapy decreases cancerâ€related fatigue: Results from a randomized early phase trial. Cancer, 2018, 124, 546-554.	4.1	58
104	Transcriptional signatures related to glucose and lipid metabolism predict treatment response to the tumor necrosis factor antagonist infliximab in patients with treatment-resistant depression. Brain, Behavior, and Immunity, 2013, 31, 205-215.	4.1	57
105	Association of childhood trauma with fatigue, depression, stress, and inflammation in breast cancer patients undergoing radiotherapy. Psycho-Oncology, 2016, 25, 187-193.	2.3	57
106	Depression, Adrenal Steroids, and the Immune System. Annals of Medicine, 1993, 25, 481-487.	3.8	56
107	Age-related increases in basal ganglia glutamate are associated with TNF, reduced motivation and decreased psychomotor speed during IFN-alpha treatment: Preliminary findings. Brain, Behavior, and Immunity, 2015, 46, 17-22.	4.1	56
108	The Immunology of Behaviorâ€"Exploring the Role of the Immune System in Brain Health and Illness. Neuropsychopharmacology, 2017, 42, 1-4.	5.4	56

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109	Risk and Resilience: Animal Models Shed Light on the Pivotal Role of Inflammation in Individual Differences in Stress-Induced Depression. Biological Psychiatry, 2015, 78, 7-9.	1.3	54
110	Meditation buffers medical student compassion from the deleterious effects of depression. Journal of Positive Psychology, 2018, 13, 133-142.	4.0	54
111	The Phosphodiesterase Type 4 Inhibitor, Rolipram, Enhances Glucocorticoid Receptor Function. Neuropsychopharmacology, 2002, 27, 939-948.	5.4	53
112	Anti-Inflammatory Effects of LJP 1586 [Z-3-Fluoro-2-(4-methoxybenzyl)allylamine Hydrochloride], an Amine-Based Inhibitor of Semicarbazide-Sensitive Amine Oxidase Activity. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 867-875.	2.5	53
113	Neurobehavioral Effects of Interferon- $\hat{l}\pm$ in Patients with Hepatitis-C: Symptom Dimensions and Responsiveness to Paroxetine. Neuropsychopharmacology, 2012, 37, 1444-1454.	5.4	51
114	Levodopa Reverses Cytokine-Induced Reductions in Striatal Dopamine Release. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	51
115	Longitudinal association of inflammation with depressive symptoms: A 7-year cross-lagged twin difference study. Brain, Behavior, and Immunity, 2019, 75, 200-207.	4.1	51
116	Antipsychotic-induced hyperprolactinemia and sexual dysfunction. Psychopharmacology Bulletin, 2002, 36, 143-64.	0.0	51
117	A systematic review of the association between fatigue and genetic polymorphisms. Brain, Behavior, and Immunity, 2017, 62, 230-244.	4.1	50
118	Design, Synthesis, and Biological Evaluation of Semicarbazide-Sensitive Amine Oxidase (SSAO) Inhibitors with Anti-inflammatory Activity. Journal of Medicinal Chemistry, 2006, 49, 2166-2173.	6.4	49
119	Increased Early Life Stress and Depressive Symptoms in Patients With Comorbid Substance Abuse and Schizophrenia. Schizophrenia Bulletin, 2002, 28, 223-231.	4.3	48
120	Pathogen–Host Defense in the Evolution of Depression: Insights into Epidemiology, Genetics, Bioregional Differences and Female Preponderance. Neuropsychopharmacology, 2017, 42, 5-27.	5.4	48
121	Association of baseline inflammatory markers and the development of negative symptoms in individuals at clinical high risk for psychosis. Brain, Behavior, and Immunity, 2019, 76, 268-274.	4.1	48
122	Inhibition of Jun N-Terminal Kinase (JNK) Enhances Glucocorticoid Receptor-Mediated Function in Mouse Hippocampal HT22 Cells. Neuropsychopharmacology, 2005, 30, 242-249.	5.4	46
123	Effects of viral infection on corticosterone secretion and glucocorticoid receptor binding in immune tissues. Psychoneuroendocrinology, 1997, 22, 455-474.	2.7	45
124	Association of IL-12p70 and IL-6:IL-10 ratio with autism-related behaviors in 22q11.2 deletion syndrome: A preliminary report. Brain, Behavior, and Immunity, 2013, 31, 76-81.	4.1	45
125	The Proinflammatory Cytokine, Interleukin-1Â, Reduces Glucocorticoid Receptor Translocation and Function. Endocrinology, 1999, 140, 4359-4366.	2.8	45
126	Cerebrospinal Fluid Corticotropin-Releasing Factor (CRF) and Vasopressin Concentrations Predict Pituitary Response in the CRF Stimulation Test: A Multiple Regression Analysis. Neuropsychopharmacology, 2003, 28, 569-576.	5.4	44

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127	Neuropsychological Performance in Persons With Chronic Fatigue Syndrome: Results From a Population-Based Study. Psychosomatic Medicine, 2008, 70, 829-836.	2.0	44
128	Glucose and lipid-related biomarkers and the antidepressant response to infliximab in patients with treatment-resistant depression. Psychoneuroendocrinology, 2018, 98, 222-229.	2.7	44
129	Gene signatures in peripheral blood immune cells related to insulin resistance and low tyrosine metabolism define a sub-type of depression with high CRP and anhedonia. Brain, Behavior, and Immunity, 2020, 88, 161-165.	4.1	42
130	Genetic and environmental influences on systemic markers of inflammation in middle-aged male twins. Atherosclerosis, 2008, 200, 213-220.	0.8	41
131	Depression, natural killer cell activity, and cortisol secretion. Biological Psychiatry, 1991, 29, 878-886.	1.3	40
132	Viral infection of developing GABAergic neurons in a model of hippocampal disinhibition. NeuroReport, 2000, 11, 2433-2438.	1.2	40
133	Interferon-alpha inhibits glucocorticoid receptor-mediated gene transcription via STAT5 activation in mouse HT22 cells. Brain, Behavior, and Immunity, 2009, 23, 455-463.	4.1	39
134	Early activation of p38 mitogen activated protein kinase is associated with interferon-alpha-induced depression and fatigue. Brain, Behavior, and Immunity, 2011, 25, 1094-1098.	4.1	38
135	Interferon-alpha-induced inflammation is associated with reduced glucocorticoid negative feedback sensitivity and depression in patients with hepatitis C virus. Physiology and Behavior, 2016, 166, 14-21.	2.1	38
136	Neonatal Viral Infection Decreases Neuronal Progenitors and Impairs Adult Neurogenesis in the Hippocampus. Neurobiology of Disease, 2002, 11, 246-256.	4.4	37
137	A prospective study of quality of life in breast cancer patients undergoing radiation therapy. Advances in Radiation Oncology, 2016, 1, 10-16.	1.2	36
138	Aiding and Abetting Anhedonia: Impact of Inflammation on the Brain and Pharmacological Implications. Pharmacological Reviews, 2021, 73, 1084-1117.	16.0	36
139	Inflammation Versus Glucocorticoids as Purveyors of Pathology During Stress: Have We Reached the Tipping Point?. Biological Psychiatry, 2008, 64, 263-265.	1.3	35
140	Cytokines, p38 MAP Kinase and the Pathophysiology of Depression. Neuropsychopharmacology, 2006, 31, 2089-2090.	5.4	34
141	Association of T and non-T cell cytokines with anhedonia: Role of gender differences. Psychoneuroendocrinology, 2018, 95, 1-7.	2.7	34
142	Two weeks of predatory stress induces anxiety-like behavior with co-morbid depressive-like behavior in adult male mice. Behavioural Brain Research, 2014, 275, 120-125.	2.2	33
143	Promoter Polymorphisms of the Interferon-α Receptor Gene and Development of Interferon-Induced Depressive Symptoms in Patients with Chronic Hepatitis C: Preliminary Findings. Neuropsychobiology, 2005, 52, 55-61.	1.9	32
144	Psychoimmunological Dysregulation in Multiple Sclerosis. Psychosomatics, 1988, 29, 398-403.	2.5	31

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145	Cytokines and sickness behavior: Implications for cancer care and control. Brain, Behavior, and Immunity, 2003, 17, 132-134.	4.1	31
146	Relationship of Clinical Symptoms and Substance Use in Schizophrenia Patients on Conventional Versus Atypical Antipsychotics. American Journal of Drug and Alcohol Abuse, 2003, 29, 553-566.	2.1	29
147	Efficacy of risperidone versus olanzapine in patients with schizophrenia previously on chronic conventional antipsychotic therapy: A switch study. Journal of Psychiatric Research, 2006, 40, 669-676.	3.1	29
148	An Intervention to Improve Physical Function and Caregiver Perceptions in Family Caregivers of Persons With Heart Failure. Journal of Applied Gerontology, 2020, 39, 181-191.	2.0	29
149	Trial failures of anti-inflammatory drugs in depression. Lancet Psychiatry, the, 2020, 7, 837.	7.4	29
150	Identifying Immunophenotypes of Inflammation in Depression: Dismantling the Monolith. Biological Psychiatry, 2020, 88, 136-138.	1.3	28
151	Epigenetic age acceleration, fatigue, and inflammation in patients undergoing radiation therapy for head and neck cancer: A longitudinal study. Cancer, 2021, 127, 3361-3371.	4.1	28
152	Improved separation and detection of picolinic acid and quinolinic acid by capillary electrophoresis-mass spectrometry: Application to analysis of human cerebrospinal fluid. Journal of Chromatography A, 2013, 1316, 147-153.	3.7	27
153	Associations among human papillomavirus, inflammation, and fatigue in patients with head and neck cancer. Cancer, 2018, 124, 3163-3170.	4.1	27
154	Gut Microbiome Associated with the Psychoneurological Symptom Cluster in Patients with Head and Neck Cancers. Cancers, 2020, 12, 2531.	3.7	27
155	The role of the gut microbiome in cancer-related fatigue: pilot study on epigenetic mechanisms. Supportive Care in Cancer, 2021, 29, 3173-3182.	2.2	26
156	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	12.8	26
157	The immunology of stress and the impact of inflammation on the brain and behaviour. BJ Psych Advances, 2021, 27, 158-165.	0.7	25
158	Posttraumatic stress disorder and breast cancer: Risk factors and the role of inflammation and endocrine function. Cancer, 2020, 126, 3181-3191.	4.1	23
159	Sequential multiple-assignment randomized trial design of neurobehavioral treatment for patients with metastatic malignant melanoma undergoing high-dose interferon-alpha therapy. Clinical Trials, 2009, 6, 480-490.	1.6	22
160	Activation of cAMP–protein kinase A abrogates STAT5-mediated inhibition of glucocorticoid receptor signaling by interferon-alpha. Brain, Behavior, and Immunity, 2011, 25, 1716-1724.	4.1	22
161	Dynamic epigenetic mechanisms regulate age-dependent SOX9 expression in mouse articular cartilage. International Journal of Biochemistry and Cell Biology, 2016, 72, 125-134.	2.8	22
162	The Impact of Escitalopram on IL-2-Induced Neuroendocrine, Immune, and Behavioral Changes in Patients with Malignant Melanoma: Preliminary Findings. Neuropsychopharmacology, 2013, 38, 1921-1928.	5.4	21

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163	The Microbiome and Complement Activation: A Mechanistic Model for Preterm Birth. Biological Research for Nursing, 2017, 19, 295-307.	1.9	21
164	Brainstem dose is associated with patient-reported acute fatigue in head and neck cancer radiation therapy. Radiotherapy and Oncology, 2018, 126, 100-106.	0.6	21
165	Influence of desmethylimipramine on natural killer cell activity. Psychiatry Research, 1986, 19, 9-15.	3.3	20
166	Neuroendocrine-immune interactions during viral infections. Advances in Virus Research, 2001, 56, 469-513.	2.1	20
167	Synthesis, fluorine-18 radiolabeling, and in vitro characterization of 1-iodophenyl-N-methyl-N-fluoroalkyl-3-isoquinoline carboxamide derivatives as potential PET radioligands for imaging peripheral benzodiazepine receptor. Bioorganic and Medicinal Chemistry, 2008. 16. 6145-6155.	3.0	20
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