

Michael Maes

List of Publications by Year in descending order

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854
papers

60,571
citations

950

115
h-index

2277

200
g-index

925
all docs

925
docs citations

925
times ranked

42997
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines and major depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 201-217.	2.5	1,010
2	Pathways underlying neuroprogression in bipolar disorder: Focus on inflammation, oxidative stress and neurotrophic factors. Neuroscience and Biobehavioral Reviews, 2011, 35, 804-817.	2.9	1,007
3	So depression is an inflammatory disease, but where does the inflammation come from?. BMC Medicine, 2013, 11, 200.	2.3	993
4	A review on the oxidative and nitrosative stress (O&NS) pathways in major depression and their possible contribution to the (neuro)degenerative processes in that illness. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 676-692.	2.5	960
5	Peripheral cytokine and chemokine alterations in depression: a meta-analysis of 82 studies. Acta Psychiatrica Scandinavica, 2017, 135, 373-387.	2.2	946
6	Evidence for an immune response in major depression: A review and hypothesis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1995, 19, 11-38.	2.5	820
7	The inflammatory & neurodegenerative (I&ND) hypothesis of depression: leads for future research and new drug developments in depression. Metabolic Brain Disease, 2009, 24, 27-53.	1.4	775
8	Mechanistic explanations how cell-mediated immune activation, inflammation and oxidative and nitrosative stress pathways and their sequels and concomitants play a role in the pathophysiology of unipolar depression. Neuroscience and Biobehavioral Reviews, 2012, 36, 764-785.	2.9	696
9	Anatomy of the anterolateral ligament of the knee. Journal of Anatomy, 2013, 223, 321-328.	0.9	655
10	THE EFFECTS OF PSYCHOLOGICAL STRESS ON HUMANS: INCREASED PRODUCTION OF PRO-INFLAMMATORY CYTOKINES AND Th1-LIKE RESPONSE IN STRESS-INDUCED ANXIETY. Cytokine, 1998, 10, 313-318.	1.4	653
11	INCREASED SERUM IL-6 AND IL-1 RECEPTOR ANTAGONIST CONCENTRATIONS IN MAJOR DEPRESSION AND TREATMENT RESISTANT DEPRESSION. Cytokine, 1997, 9, 853-858.	1.4	648
12	Increased plasma concentrations of interleukin-6, soluble interleukin-6, soluble interleukin-2 and transferrin receptor in major depression. Journal of Affective Disorders, 1995, 34, 301-309.	2.0	574
13	The new 5-HT hypothesis of depression: Cell-mediated immune activation induces indoleamine 2,3-dioxygenase, which leads to lower plasma tryptophan and an increased synthesis of detrimental tryptophan catabolites (TRYCATs), both of which contribute to the onset of depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 702-721.	2.5	547
14	Major Depression and Activation of The Inflammatory Response System. Advances in Experimental Medicine and Biology, 1999, 461, 25-46.	0.8	500
15	Selective Adsorption and Separation of Xylene Isomers and Ethylbenzene with the Microporous Vanadium(IV) Terephthalate MIL-47. Angewandte Chemie - International Edition, 2007, 46, 4293-4297.	7.2	496
16	Depression and sickness behavior are Janus-faced responses to shared inflammatory pathways. BMC Medicine, 2012, 10, 66.	2.3	479
17	Depression is an inflammatory disease, but cell-mediated immune activation is the key component of depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 664-675.	2.5	438
18	The neuroprogressive nature of major depressive disorder: pathways to disease evolution and resistance, and therapeutic implications. Molecular Psychiatry, 2013, 18, 595-606.	4.1	434

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19	Association between decreased serum tryptophan concentrations and depressive symptoms in cancer patients undergoing cytokine therapy. <i>Molecular Psychiatry</i> , 2002, 7, 468-473.	4.1	426
20	Lowered ω 3 polyunsaturated fatty acids in serum phospholipids and cholesteryl esters of depressed patients. <i>Psychiatry Research</i> , 1999, 85, 275-291.	1.7	408
21	Relationships between interleukin-6 activity, acute phase proteins, and function of the hypothalamic-pituitary-adrenal axis in severe depression. <i>Psychiatry Research</i> , 1993, 49, 11-27.	1.7	399
22	IDO and interferon- γ -induced depressive symptoms: a shift in hypothesis from tryptophan depletion to neurotoxicity. <i>Molecular Psychiatry</i> , 2005, 10, 538-544.	4.1	399
23	Role of the Toll Like Receptor (TLR) Radical Cycle in Chronic Inflammation: Possible Treatments Targeting the TLR4 Pathway. <i>Molecular Neurobiology</i> , 2013, 48, 190-204.	1.9	389
24	Increased Depressive Ratings in Patients With Hepatitis C Receiving Interferon- γ -Based Immunotherapy Are Related to Interferon- γ -Induced Changes in the Serotonergic System. <i>Journal of Clinical Psychopharmacology</i> , 2002, 22, 86-90.	0.7	387
25	Interleukin-2 and interleukin-6 in schizophrenia and mania: Effects of neuroleptics and mood stabilizers. <i>Journal of Psychiatric Research</i> , 1995, 29, 141-152.	1.5	379
26	Selective Adsorption and Separation of <i>ortho</i> -Substituted Alkylaromatics with the Microporous Aluminum Terephthalate MIL-53. <i>Journal of the American Chemical Society</i> , 2008, 130, 14170-14178.	6.6	376
27	Fatty acid composition in major depression: decreased ω 3 fractions in cholesteryl esters and increased C20:4 ω 6:C20:5 ω 3 ratio in cholesteryl esters and phospholipids. <i>Journal of Affective Disorders</i> , 1996, 38, 35-46.	2.0	374
28	In animal models, psychosocial stress-induced (neuro)inflammation, apoptosis and reduced neurogenesis are associated to the onset of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 744-759.	2.5	369
29	Indicators of immune activation in major depression. <i>Psychiatry Research</i> , 1996, 64, 161-167.	1.7	366
30	Increased IgA and IgM responses against gut commensals in chronic depression: Further evidence for increased bacterial translocation or leaky gut. <i>Journal of Affective Disorders</i> , 2012, 141, 55-62.	2.0	364
31	Elevated serum interleukin-6 (IL-6) and IL-6 receptor concentrations in posttraumatic stress disorder following accidental man-made traumatic events. <i>Biological Psychiatry</i> , 1999, 45, 833-839.	0.7	327
32	Oxidative & nitrosative stress in depression: Why so much stress?. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 46-62.	2.9	324
33	Negative Immunoregulatory Effects of Antidepressants Inhibition of Interferon- γ and Stimulation of Interleukin-10 Secretion. <i>Neuropsychopharmacology</i> , 1999, 20, 370-379.	2.8	323
34	Acute phase proteins in schizophrenia, mania and major depression: modulation by psychotropic drugs. <i>Psychiatry Research</i> , 1997, 66, 1-11.	1.7	322
35	Effects of antidepressants on the production of cytokines. <i>International Journal of Neuropsychopharmacology</i> , 2002, 5, 401-412.	1.0	311
36	Anti-Inflammatory Effects of Antidepressants Through Suppression of the Interferon- γ /Interleukin-10 Production Ratio. <i>Journal of Clinical Psychopharmacology</i> , 2001, 21, 199-206.	0.7	302

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37	The inflammatory response system in treatment-resistant schizophrenia: increased serum interleukin-6. <i>Schizophrenia Research</i> , 1998, 32, 9-15.	1.1	297
38	The gut-brain barrier in major depression: intestinal mucosal dysfunction with an increased translocation of LPS from gram negative enterobacteria (leaky gut) plays a role in the inflammatory pathophysiology of depression. <i>Neuroendocrinology Letters</i> , 2008, 29, 117-24.	0.2	294
39	New drug targets in depression: inflammatory, cell-mediated immune, oxidative and nitrosative stress, mitochondrial, antioxidant, and neuroprogressive pathways. And new drug candidatesâ€™ Nrf2 activators and GSK-3 inhibitors. <i>Inflammopharmacology</i> , 2012, 20, 127-150.	1.9	285
40	Peripheral Alterations in Cytokine and Chemokine Levels After Antidepressant Drug Treatment for Major Depressive Disorder: Systematic Review and Meta-Analysis. <i>Molecular Neurobiology</i> , 2018, 55, 4195-4206.	1.9	279
41	The psychoneuroimmuno-pathophysiology of cytokine-induced depression in humans. <i>International Journal of Neuropsychopharmacology</i> , 2002, 5, 375-388.	1.0	276
42	Increased neopterin and interferon-gamma secretion and lower availability of L-tryptophan in major depression: Further evidence for an immune response. <i>Psychiatry Research</i> , 1994, 54, 143-160.	1.7	274
43	The monocyte-T-lymphocyte hypothesis of major depression. <i>Psychoneuroendocrinology</i> , 1995, 20, 111-116.	1.3	270
44	Increased serum tumor necrosis factor alpha concentrations in major depression and multiple sclerosis. <i>European Neuropsychopharmacology</i> , 2001, 11, 203-208.	0.3	267
45	A review of vulnerability and risks for schizophrenia: Beyond the two hit hypothesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 185-194.	2.9	256
46	Activation of the Inflammatory Response System in Autism. <i>Neuropsychobiology</i> , 2002, 45, 1-6.	0.9	254
47	Solvent resistant nanofiltration (SRNF) membranes based on metal-organic frameworks. <i>Journal of Membrane Science</i> , 2009, 344, 190-198.	4.1	251
48	Inflammation markers in relation to cognition in a healthy aging population. <i>Journal of Neuroimmunology</i> , 2003, 134, 142-150.	1.1	250
49	Depression induced by treatment with interferon-alpha in patients affected by hepatitis C virus. <i>Journal of Affective Disorders</i> , 2002, 72, 237-241.	2.0	249
50	Experimental models of liver fibrosis. <i>Archives of Toxicology</i> , 2016, 90, 1025-1048.	1.9	243
51	Lower serum vitamin E concentrations in major depression. <i>Journal of Affective Disorders</i> , 2000, 58, 241-246.	2.0	238
52	The inflammatory response system and the availability of plasma tryptophan in patients with primary sleep disorders and major depression. <i>Journal of Affective Disorders</i> , 1998, 49, 211-219.	2.0	217
53	Lower serum zinc in major depression is a sensitive marker of treatment resistance and of the immune/inflammatory response in that illness. <i>Biological Psychiatry</i> , 1997, 42, 349-358.	0.7	216
54	Immunotherapy with interferon-alpha in patients affected by chronic hepatitis C induces an intercorrelated stimulation of the cytokine network and an increase in depressive and anxiety symptoms. <i>Psychiatry Research</i> , 2001, 105, 45-55.	1.7	207

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55	Review on the Acute Phase Response in Major Depression. <i>Reviews in the Neurosciences</i> , 1993, 4, 407-16.	1.4	204
56	Depression in cancer: The many biobehavioral pathways driving tumor progression. <i>Cancer Treatment Reviews</i> , 2017, 52, 58-70.	3.4	204
57	The Compensatory Immune-Regulatory Reflex System (CIRS) in Depression and Bipolar Disorder. <i>Molecular Neurobiology</i> , 2018, 55, 8885-8903.	1.9	204
58	Separation of Styrene and Ethylbenzene on Metal-Organic Frameworks: Analogous Structures with Different Adsorption Mechanisms. <i>Journal of the American Chemical Society</i> , 2010, 132, 15277-15285.	6.6	195
59	Biobutanol Separation with the Metal-Organic Framework ZIF-8. <i>ChemSusChem</i> , 2011, 4, 1074-1077.	3.6	192
60	The Role of the Microbial Metabolites Including Tryptophan Catabolites and Short Chain Fatty Acids in the Pathophysiology of Immune-Inflammatory and Neuroimmune Disease. <i>Molecular Neurobiology</i> , 2017, 54, 4432-4451.	1.9	191
61	The macrophage-T-lymphocyte theory of schizophrenia: Additional evidence. <i>Medical Hypotheses</i> , 1995, 45, 135-141.	0.8	190
62	Hypozincemia in depression. <i>Journal of Affective Disorders</i> , 1994, 31, 135-140.	2.0	187
63	The cytokine hypothesis of depression: inflammation, oxidative & nitrosative stress (IO&NS) and leaky gut as new targets for adjunctive treatments in depression. <i>Neuroendocrinology Letters</i> , 2008, 29, 287-91.	0.2	186
64	Interplay Between the Gut-Brain Axis, Obesity and Cognitive Function. <i>Frontiers in Neuroscience</i> , 2018, 12, 155.	1.4	185
65	Association between immune activation and early depressive symptoms in cancer patients treated with interleukin-2-based therapy. <i>Psychoneuroendocrinology</i> , 2001, 26, 797-808.	1.3	182
66	Lowered serum n-3 polyunsaturated fatty acid (PUFA) levels predict the occurrence of postpartum depression: Further evidence that lowered n-PUFAs are related to major depression. <i>Life Sciences</i> , 2003, 73, 3181-3187.	2.0	179
67	In depression, bacterial translocation may drive inflammatory responses, oxidative and nitrosative stress (O&NS), and autoimmune responses directed against O&NS-damaged neoepitopes. <i>Acta Psychiatrica Scandinavica</i> , 2013, 127, 344-354.	2.2	179
68	The Gut-Brain Axis, Including the Microbiome, Leaky Gut and Bacterial Translocation: Mechanisms and Pathophysiological Role in Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 6152-6166.	0.9	179
69	Depressive and anxiety symptoms in the early puerperium are related to increased degradation of tryptophan into kynurenine, a phenomenon which is related to immune activation. <i>Life Sciences</i> , 2002, 71, 1837-1848.	2.0	177
70	Cognitive remission: a novel objective for the treatment of major depression?. <i>BMC Medicine</i> , 2016, 14, 9.	2.3	177
71	Gut Microbiota, Bacterial Translocation, and Interactions with Diet: Pathophysiological Links between Major Depressive Disorder and Non-Communicable Medical Comorbidities. <i>Psychotherapy and Psychosomatics</i> , 2017, 86, 31-46.	4.0	176
72	Depression's multiple comorbidities explained by (neuro)inflammatory and oxidative & nitrosative stress pathways. <i>Neuroendocrinology Letters</i> , 2011, 32, 7-24.	0.2	175

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73	The role of indoleamine 2,3-dioxygenase (IDO) in the pathophysiology of interferon-alpha-induced depression. <i>Journal of Psychiatry and Neuroscience</i> , 2004, 29, 11-7.	1.4	174
74	Separation of C ₅ -Hydrocarbons on Microporous Materials: Complementary Performance of MOFs and Zeolites. <i>Journal of the American Chemical Society</i> , 2010, 132, 2284-2292.	6.6	173
75	Association between $\hat{C}308A$ tumor necrosis factor alpha gene polymorphism and schizophrenia. <i>Molecular Psychiatry</i> , 2001, 6, 79-82.	4.1	172
76	In vivo immunomodulatory effects of clozapine in schizophrenia. <i>Schizophrenia Research</i> , 1997, 26, 221-225.	1.1	171
77	Partial posttraumatic stress disorder revisited. <i>Journal of Affective Disorders</i> , 2004, 78, 37-48.	2.0	168
78	Leukocytosis, monocytosis and neutrophilia: Hallmarks of severe depression. <i>Journal of Psychiatric Research</i> , 1992, 26, 125-134.	1.5	165
79	The Glutathione System: A New Drug Target in Neuroimmune Disorders. <i>Molecular Neurobiology</i> , 2014, 50, 1059-1084.	1.9	164
80	Seasonal Variation in Plasma L-Tryptophan Availability in Healthy Volunteers. <i>Archives of General Psychiatry</i> , 1995, 52, 937.	13.8	163
81	Aspirin: a review of its neurobiological properties and therapeutic potential for mental illness. <i>BMC Medicine</i> , 2013, 11, 74.	2.3	163
82	Plasma concentrations of excitatory amino acids, serine, glycine, taurine and histidine in major depression. <i>European Neuropsychopharmacology</i> , 1995, 5, 71-75.	0.3	160
83	Liquid-Phase Adsorption and Separation of Xylene Isomers by the Flexible Porous Metal-Organic Framework MIL-53(Fe). <i>Chemistry of Materials</i> , 2012, 24, 2781-2791.	3.2	160
84	<i>p</i> -Xylene-Selective Metal-Organic Frameworks: A Case of Topology-Directed Selectivity. <i>Journal of the American Chemical Society</i> , 2011, 133, 18526-18529.	6.6	159
85	Selective Removal of N-Heterocyclic Aromatic Contaminants from Fuels by Lewis Acidic Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4210-4214.	7.2	159
86	Comorbidity between depression and inflammatory bowel disease explained by immune-inflammatory, oxidative, and nitrosative stress; tryptophan catabolite; and gut-brain pathways. <i>CNS Spectrums</i> , 2016, 21, 184-198.	0.7	159
87	Framework Breathing in the Vapour-Phase Adsorption and Separation of Xylene Isomers with the Metal-Organic Framework MIL-53. <i>Chemistry - A European Journal</i> , 2009, 15, 7724-7731.	1.7	158
88	Increased serum interleukin-8 and interleukin-10 in schizophrenic patients resistant to treatment with neuroleptics and the stimulatory effects of clozapine on serum leukemia inhibitory factor receptor. <i>Schizophrenia Research</i> , 2002, 54, 281-291.	1.1	155
89	Alterations in plasma prolyl endopeptidase activity in depression, mania, and schizophrenia: effects of antidepressants, mood stabilizers, and antipsychotic drugs. <i>Psychiatry Research</i> , 1995, 58, 217-225.	1.7	154
90	Increased serum IgA and IgM against LPS of enterobacteria in chronic fatigue syndrome (CFS): Indication for the involvement of gram-negative enterobacteria in the etiology of CFS and for the presence of an increased gut-intestinal permeability. <i>Journal of Affective Disorders</i> , 2007, 99, 237-240.	2.0	148

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91	Activation of cell-mediated immunity in depression: Association with inflammation, melancholia, clinical staging and the fatigue and somatic symptom cluster of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 169-175.	2.5	147
92	Curcumin for the treatment of major depression: A randomised, double-blind, placebo controlled study. <i>Journal of Affective Disorders</i> , 2014, 167, 368-375.	2.0	146
93	Relationships between lower plasma L-tryptophan levels and immune-inflammatory variables in depression. <i>Psychiatry Research</i> , 1993, 49, 151-165.	1.7	145
94	The immunoregulatory effects of antidepressants. <i>Human Psychopharmacology</i> , 2001, 16, 95-103.	0.7	144
95	The association of depression and all-cause and cause-specific mortality: an umbrella review of systematic reviews and meta-analyses. <i>BMC Medicine</i> , 2018, 16, 112.	2.3	143
96	Targeting IL-1 in depression. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 1097-1112.	1.5	141
97	The role of oxidative and nitrosative stress in accelerated aging and major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 134-144.	2.5	137
98	Immune activation in the early puerperium is related to postpartum anxiety and depressive symptoms. <i>Psychoneuroendocrinology</i> , 2000, 25, 121-137.	1.3	134
99	Evidence for inflammation and activation of cell-mediated immunity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS): Increased interleukin-1, tumor necrosis factor- α , PMN-elastase, lysozyme and neopterin. <i>Journal of Affective Disorders</i> , 2012, 136, 933-939.	2.0	133
100	Immunosuppressive effects of clozapine and haloperidol: enhanced production of the interleukin-1 receptor antagonist. <i>Schizophrenia Research</i> , 2000, 42, 157-164.	1.1	131
101	Multiple aberrations in shared inflammatory and oxidative & nitrosative stress (IO&NS) pathways explain the co-association of depression and cardiovascular disorder (CVD), and the increased risk for CVD and due mortality in depressed patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 769-783.	2.5	131
102	Strategies, models and biomarkers in experimental non-alcoholic fatty liver disease research. <i>Progress in Lipid Research</i> , 2015, 59, 106-125.	5.3	130
103	The expression of genes encoding for COX-2, MPO, iNOS, and sPLA2-IIA in patients with recurrent depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 138, 360-366.	2.0	129
104	Effects of serotonin and serotonergic agonists and antagonists on the production of tumor necrosis factor α and interleukin-6. <i>Psychiatry Research</i> , 2005, 134, 251-258.	1.7	128
105	Immuno-inflammatory, oxidative and nitrosative stress, and neuroprogressive pathways in the etiology, course and treatment of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 42, 1-4.	2.5	128
106	Auditory event related potentials in major depression: prolonged P300 latency and increased P200 amplitude. <i>Journal of Affective Disorders</i> , 1998, 48, 105-113.	2.0	127
107	Effects of atypical antipsychotics on the inflammatory response system in schizophrenic patients resistant to treatment with typical neuroleptics. <i>European Neuropsychopharmacology</i> , 2000, 10, 119-124.	0.3	127
108	Construct validity of the Beck Depression Inventory in a depressive population. <i>Journal of Affective Disorders</i> , 1997, 46, 115-125.	2.0	126

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109	Shared metabolic and immune-inflammatory, oxidative and nitrosative stress pathways in the metabolic syndrome and mood disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 78, 34-50.	2.5	126
110	Increased serum albumin, \hat{I}^3 globulin, immunoglobulin IgG, and IgG2 and IgG4 in autism. <i>Psychological Medicine</i> , 2002, 32, 1457-1463.	2.7	124
111	Inflammatory and oxidative and nitrosative stress pathways underpinning chronic fatigue, somatization and psychosomatic symptoms. <i>Current Opinion in Psychiatry</i> , 2009, 22, 75-83.	3.1	124
112	Increased plasma peroxides and serum oxidized low density lipoprotein antibodies in major depression: Markers that further explain the higher incidence of neurodegeneration and coronary artery disease. <i>Journal of Affective Disorders</i> , 2010, 125, 287-294.	2.0	124
113	Pindolol and Mianserin Augment the Antidepressant Activity of Fluoxetine in Hospitalized Major Depressed Patients, Including Those With Treatment Resistance. <i>Journal of Clinical Psychopharmacology</i> , 1999, 19, 177-182.	0.7	122
114	Nutrient intakes and the common mental disorders in women. <i>Journal of Affective Disorders</i> , 2012, 141, 79-85.	2.0	121
115	Myalgic encephalomyelitis/chronic fatigue syndrome and encephalomyelitis disseminata/multiple sclerosis show remarkable levels of similarity in phenomenology and neuroimmune characteristics. <i>BMC Medicine</i> , 2013, 11, 205.	2.3	121
116	Central pathways causing fatigue in neuro-inflammatory and autoimmune illnesses. <i>BMC Medicine</i> , 2015, 13, 28.	2.3	121
117	Increased serum interleukin-1-receptor-antagonist concentrations in major depression. <i>Journal of Affective Disorders</i> , 1995, 36, 29-36.	2.0	120
118	Lower serum zinc in major depression in relation to changes in serum acute phase proteins.. <i>Journal of Affective Disorders</i> , 1999, 56, 189-194.	2.0	120
119	Silicaâ€œMOF Composites as a Stationary Phase in Liquid Chromatography. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3735-3738.	1.0	120
120	Activation of the metalâ€œorganic framework MIL-47 for selective adsorption of xylenes and other difunctionalized aromatics. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 2979.	1.3	119
121	Neuroprogression in schizophrenia: Pathways underpinning clinical staging and therapeutic corollaries. <i>Australian and New Zealand Journal of Psychiatry</i> , 2014, 48, 512-529.	1.3	119
122	Targeting classical IL-6 signalling or IL-6<i>trans</i>-signalling in depression?. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 495-512.	1.5	118
123	A model of the mitochondrial basis of bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 1-20.	2.9	118
124	Oxidative/Nitrosative Stress and Immuno-inflammatory Pathways in Depression: Treatment Implications. <i>Current Pharmaceutical Design</i> , 2014, 20, 3812-3847.	0.9	118
125	Lower serum prolyl endopeptidase enzyme activity in major depression: Further evidence that peptidases play a role in the pathophysiology of depression. <i>Biological Psychiatry</i> , 1994, 35, 545-552.	0.7	117
126	Plasma-soluble interleukin-2 and transferrin receptor in schizophrenia and major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1995, 244, 325-329.	1.8	117

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127	Schizophrenia: Linking prenatal infection to cytokines, the tryptophan catabolite (TRYCAT) pathway, NMDA receptor hypofunction, neurodevelopment and neuroprogression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 42, 5-19.	2.5	117
128	Disturbances in acute phase plasma proteins during melancholia: Additional evidence for the presence of an inflammatory process during that illness. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1992, 16, 501-515.	2.5	115
129	The Effects of Psychological Stress on Leukocyte Subset Distribution in Humans: Evidence of Immune Activation. <i>Neuropsychobiology</i> , 1999, 39, 1-9.	0.9	115
130	Exercising the worry away: How inflammation, oxidative and nitrogen stress mediates the beneficial effect of physical activity on anxiety disorder symptoms and behaviours. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 573-584.	2.9	115
131	Bipolar Disorder: Role of Immune-Inflammatory Cytokines, Oxidative and Nitrosative Stress and Tryptophan Catabolites. <i>Current Psychiatry Reports</i> , 2015, 17, 8.	2.1	115
132	The Neuro-Immune Pathophysiology of Central and Peripheral Fatigue in Systemic Immune-Inflammatory and Neuro-Immune Diseases. <i>Molecular Neurobiology</i> , 2016, 53, 1195-1219.	1.9	115
133	Food addiction: Prevalence, psychopathological correlates and associations with quality of life in a large sample. <i>Journal of Psychiatric Research</i> , 2018, 96, 145-152.	1.5	115
134	Why should neuroscientists worry about iron? The emerging role of ferroptosis in the pathophysiology of neuroprogressive diseases. <i>Behavioural Brain Research</i> , 2018, 341, 154-175.	1.2	114
135	Cell Death Pathways: a Novel Therapeutic Approach for Neuroscientists. <i>Molecular Neurobiology</i> , 2018, 55, 5767-5786.	1.9	114
136	International Society for Nutritional Psychiatry Research Practice Guidelines for Omega-3 Fatty Acids in the Treatment of Major Depressive Disorder. <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 263-273.	4.0	114
137	Lower plasma CC16, a natural anti-inflammatory protein, and increased plasma interleukin-1 receptor antagonist in schizophrenia: effects of antipsychotic drugs. <i>Schizophrenia Research</i> , 1996, 21, 39-50.	1.1	112
138	Interferon- γ -induced depressive symptoms are related to changes in the cytokine network but not to cortisol. <i>Journal of Psychosomatic Research</i> , 2007, 62, 207-214.	1.2	111
139	Efficacy of treatment with trazodone in combination with pindolol or fluoxetine in major depression. <i>Journal of Affective Disorders</i> , 1996, 41, 201-210.	2.0	109
140	Mitochondrial dysfunctions in Myalgic Encephalomyelitis / chronic fatigue syndrome explained by activated immuno-inflammatory, oxidative and nitrosative stress pathways. <i>Metabolic Brain Disease</i> , 2014, 29, 19-36.	1.4	109
141	Immunoendocrine aspects of major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1995, 245, 172-178.	1.8	106
142	Metal-organic frameworks as high-potential adsorbents for liquid-phase separations of olefins, alkylnaphthalenes and dichlorobenzenes. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2903.	1.3	105
143	Chronic fatigue syndrome: Harvey and Wessely's (bio)psychosocial model versus a bio(psychosocial) model based on inflammatory and oxidative and nitrosative stress pathways. <i>BMC Medicine</i> , 2010, 8, 35.	2.3	105
144	IgM-mediated autoimmune responses directed against multiple neoepitopes in depression: New pathways that underpin the inflammatory and neuroprogressive pathophysiology. <i>Journal of Affective Disorders</i> , 2011, 135, 414-418.	2.0	105

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274	The negative immunoregulatory effects of fluoxetine in relation to the cAMP-dependent PKA pathway. <i>International Immunopharmacology</i> , 2005, 5, 609-618.	1.7	57
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824	Genetic polymorphisms by deletion in genes that encode for glutathione S-transferases are associated with nicotine dependence and tobacco use-related medical disorders. <i>Neuroendocrinology Letters</i> , 2015, 36, 529-38.	0.2	2
825	Assessment of type 1 and type 3 deiodinase expression levels in depressive disorders. <i>Acta Neurobiologiae Experimentalis</i> , 2017, 77, 225-235.	0.4	2
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831	Neuroimmunology and (Epi)Genetics in Depressive Disorders. <i>Journal of Personalized Medicine</i> , 2021, 11, 670.	1.1	1
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