

# Michael Maes

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

843  
papers

46,861  
citations

106  
h-index

181  
g-index

925  
ext. papers

53,910  
ext. citations

5.2  
avg, IF

7.86  
L-index

#	Paper	IF	Citations
843	Intersections between Copper, Arrestin-1, Calcium, FBXW7, CD17, Insulin Resistance and Atherogenicity Mediate Depression and Anxiety Due to Type 2 Diabetes Mellitus: A Nomothetic Network Approach.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	2
842	In COVID-19, NLRP3 inflammasome genetic variants are associated with critical disease and these effects are partly mediated by the sickness symptom complex: a nomothetic network approach.. <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	3
841	Study protocol for a randomised, double-blinded, placebo-controlled phase III trial examining the add-on efficacy, cost-utility and neurobiological effects of low-dose naltrexone (LDN) in patients with fibromyalgia (INNOVA study).. <i>BMJ Open</i> , <b>2022</b> , 12, e055351	3	1
840	Inflammation and nitro-oxidative stress in current suicidal attempts and current suicidal ideation: a systematic review and meta-analysis.. <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	7
839	Intersections between pneumonia, lowered oxygen saturation percentage and immune activation mediate depression, anxiety, and chronic fatigue syndrome-like symptoms due to COVID-19: A nomothetic network approach. <i>Journal of Affective Disorders</i> , <b>2022</b> , 297, 233-245	6.6	1
838	Adverse childhood experiences combined with emotional and physical abuse by the partner predict antenatal depression. <i>Journal of Affective Disorders</i> , <b>2022</b> , 298, 194-201	6.6	0
837	A systematic review and meta-analysis of structural and functional brain alterations in individuals with genetic and clinical high-risk for psychosis and bipolar disorder.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2022</b> , 110540	5.5	0
836	Inflammation and Nitro-oxidative Stress as Drivers of Endocannabinoid System Aberrations in Mood Disorders and Schizophrenia.. <i>Molecular Neurobiology</i> , <b>2022</b> , 1	6.2	0
835	Precision Nomothetic Medicine in Depression Research: A New Depression Model, and New Endophenotype Classes and Pathway Phenotypes, and A Digital Self.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	2
834	TINY IN SIZE, BIG IN IMPACT: EXTRACELLULAR VESICLES AS MODULATORS OF MOOD, ANXIETY AND NEURODEVELOPMENTAL DISORDERS.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104582	9	0
833	The tryptophan catabolite or kynurenine pathway in schizophrenia: meta-analysis reveals dissociations between central, serum, and plasma compartments.. <i>Molecular Psychiatry</i> , <b>2022</b> ,	15.1	3
832	Depressive symptoms due to stroke are strongly predicted by the volume and location of the cerebral infarction, white matter hyperintensities, hypertension, and age: A precision nomothetic psychiatry analysis.. <i>Journal of Affective Disorders</i> , <b>2022</b> ,	6.6	2
831	A Novel Pathway Phenotype of Temporal Lobe Epilepsy and Comorbid Psychiatric Disorders: Results of Precision Nomothetic Medicine. <i>Antioxidants</i> , <b>2022</b> , 11, 803	7.1	0
830	Oxidative stress and antioxidant defenses in mild cognitive impairment: A systematic review and meta-analysis.. <i>Ageing Research Reviews</i> , <b>2022</b> , 79, 101639	12	2
829	Deficit schizophrenia and its features are associated with PON1 Q192R genotypes and lowered paraoxonase 1 (PON1) enzymatic activity: effects on bacterial translocation - CORRIGENDUM.. <i>CNS Spectrums</i> , <b>2022</b> , 1	1.8	
828	Schizophrenia phenomenology revisited: positive and negative symptoms are strongly related reflective manifestations of an underlying single trait indicating overall severity of schizophrenia. <i>CNS Spectrums</i> , <b>2021</b> , 26, 368-377	1.8	12
827	Trichotillomania-psychopathological correlates and associations with health-related quality of life in a large sample. <i>CNS Spectrums</i> , <b>2021</b> , 26, 282-289	1.8	1

826	Leukocyte telomere length is not shortened in methamphetamine dependence or methamphetamine-induced psychosis but is increased following traumatic events.. <i>World Journal of Biological Psychiatry</i> , <b>2021</b> , 1-30	3.8	0
825	New Drug Targets to Prevent Death Due to Stroke: A Review Based on Results of Protein-Protein Interaction Network, Enrichment, and Annotation Analyses. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
824	Intertwined associations between oxidative and nitrosative stress and endocannabinoid system pathways: Relevance for neuropsychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 110481	5.5	0
823	Increased Serum Thromboxane A2 and Prostacyclin but Lower Complement C3 and C4 Levels in COVID-19: Associations with Chest CT Scan Anomalies and Lowered Peripheral Oxygen Saturation. <i>Covid</i> , <b>2021</b> , 1, 489-502		1
822	Exploring the Impact of Flavonoids on Symptoms of Depression: A Systematic Review and Meta-Analysis. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
821	First Episode Psychosis and Schizophrenia Are Systemic Neuro-Immune Disorders Triggered by a Biotic Stimulus in Individuals with Reduced Immune Regulation and Neuroprotection. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
820	Effective Connectivity between Major Nodes of the Limbic System, Salience and Frontoparietal Networks Differentiates Schizophrenia and Mood Disorders from Healthy Controls. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
819	Update on the neurodevelopmental theory of depression: is there any Mnconscious codeM <i>Pharmacological Reports</i> , <b>2021</b> , 73, 346-356	3.9	6
818	Deficit schizophrenia and its features are associated with PON1 Q192R genotypes and lowered paraoxonase 1 (PON1) enzymatic activity: effects on bacterial translocation. <i>CNS Spectrums</i> , <b>2021</b> , 26, 406-415	1.8	7
817	Minocycline as adjunctive treatment for major depressive disorder: Pooled data from two randomized controlled trials. <i>Australian and New Zealand Journal of Psychiatry</i> , <b>2021</b> , 55, 784-798	2.6	5
816	Effect of early screen media multitasking on behavioural problems in school-age children. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 30, 1281-1297	5.5	5
815	Inflammatory and Oxidative Pathways Are New Drug Targets in Multiple Episode Schizophrenia and Leaky Gut, Klebsiella pneumoniae, and C1q Immune Complexes Are Additional Drug Targets in First Episode Schizophrenia. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 3319-3334	6.2	6
814	Construction of an exposure-pathway-phenotype in children with depression due to transfusion-dependent thalassemia: Results of (un)supervised machine learning. <i>Journal of Affective Disorders</i> , <b>2021</b> , 282, 644-655	6.6	1
813	Menstruation distress is strongly associated with hormone-immune-metabolic biomarkers. <i>Journal of Psychosomatic Research</i> , <b>2021</b> , 142, 110355	4.1	4
812	How can we improve antidepressant adherence in the management of depression? A targeted review and 10 clinical recommendations. <i>Revista Brasileira De Psiquiatria</i> , <b>2021</b> , 43, 189-202	2.6	9
811	In (deficit) schizophrenia, a general cognitive decline partly mediates the effects of neuro-immune and neuro-oxidative toxicity on the symptomatome and quality of life. <i>CNS Spectrums</i> , <b>2021</b> , 1-10	1.8	2
810	The impact of glutathione metabolism in autism spectrum disorder. <i>Pharmacological Research</i> , <b>2021</b> , 166, 105437	10.2	13
809	Lowered serum cesium levels in schizophrenia: association with immune-inflammatory biomarkers and cognitive impairments. <i>Revista Brasileira De Psiquiatria</i> , <b>2021</b> , 43, 131-137	2.6	2

808	Gut microbiota-derived vitamins - underrated powers of a multipotent ally in psychiatric health and disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 107, 110240	5.5	14
807	Distant socializing, Not social distancing as a public health strategy for COVID-19. <i>Pathogens and Global Health</i> , <b>2021</b> , 115, 357-364	3.1	3
806	Biomarker Validation of a New Case Definition of Menstrual Cycle-Associated Syndrome (MCAS) Opinion Paper. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2021</b> , 20, 105-111	2.6	0
805	A pathway phenotype linking metabolic, immune, oxidative, and opioid pathways with comorbid depression, atherosclerosis, and unstable angina. <i>CNS Spectrums</i> , <b>2021</b> , 1-15	1.8	2
804	Immune-Regulatory and Molecular Effects of Antidepressants on the Inflamed Human Keratinocyte HaCaT Cell Line. <i>Neurotoxicity Research</i> , <b>2021</b> , 39, 1211-1226	4.3	0
803	In schizophrenia, immune-inflammatory pathways are strongly associated with depressive and anxiety symptoms, which are part of a latent trait which comprises neurocognitive impairments and schizophrenia symptoms. <i>Journal of Affective Disorders</i> , <b>2021</b> , 287, 316-326	6.6	6
802	A Review of the Global Impact of the COVID-19 Pandemic on Public Mental Health, with a Comparison Between the USA, Australia, and Poland with Taiwan and Thailand. <i>Medical Science Monitor</i> , <b>2021</b> , 27, e932220	3.2	3
801	Disruption of circadian rhythm and risk of autism spectrum disorder: role of immune-inflammatory, oxidative stress, metabolic and neurotransmitter pathways. <i>Reviews in the Neurosciences</i> , <b>2021</b> ,	4.7	4
800	Increased zinc and albumin but lowered copper in children with transfusion-dependent thalassemia. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 65, 126713	4.1	0
799	Immune-inflammatory, coagulation, adhesion, and imaging biomarkers combined in machine learning models improve the prediction of death 1 year after ischemic stroke. <i>Clinical and Experimental Medicine</i> , <b>2021</b> , 1	4.9	4
798	The role of high-density lipoprotein cholesterol, apolipoprotein A and paraoxonase-1 in the pathophysiology of neuroprogressive disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 125, 244-263	4.9	4
797	False Dogmas in Schizophrenia Research: Toward the Reification of Pathway Phenotypes and Pathway Classes. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 663985	5	3
796	The Collaborative Outcomes study on Health and Functioning during Infection Times in Adults (COH-FIT-Adults): Design and methods of an international online survey targeting physical and mental health effects of the COVID-19 pandemic.. <i>Journal of Affective Disorders</i> , <b>2021</b> , 299, 393-393	6.6	2
795	Trace Amine-Associated Receptor 1 (TAAR1): A new drug target for psychiatry?. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 120, 537-541	9	16
794	The glutathione system in Parkinson disease and its progression. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 120, 470-478	9	20
793	Increased nitro-oxidative stress toxicity as a major determinant of increased blood pressure in mood disorders. <i>Journal of Affective Disorders</i> , <b>2021</b> , 278, 226-238	6.6	7
792	Construction of a nitro-oxidative stress-driven, mechanistic model of mood disorders: A nomothetic network approach. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2021</b> , 106, 45-54	5	9
791	Trace element, immune and opioid biomarkers of unstable angina, increased atherogenicity and insulin resistance: Results of machine learning. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 64, 126703	4.1	5

790	Preventing the development of severe COVID-19 by modifying immunothrombosis. <i>Life Sciences</i> , <b>2021</b> , 264, 118617	6.8	18
789	High Mobility Group Protein 1 and Dickkopf-Related Protein 1 in Schizophrenia and Treatment-Resistant Schizophrenia: Associations With Interleukin-6, Symptom Domains, and Neurocognitive Impairments. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 530-541	1.3	8
788	Chronic fatigue syndrome and fibromyalgia-like symptoms are an integral component of the phenome of schizophrenia: neuro-immune and opioid system correlates. <i>Metabolic Brain Disease</i> , <b>2021</b> , 36, 169-183	3.9	6
787	Impairments in Peripheral Blood T Effector and T Regulatory Lymphocytes in Bipolar Disorder Are Associated with Staging of Illness and Anti-cytomegalovirus IgG Levels. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 229-242	6.2	4
786	Is dynapenia associated with the onset and persistence of depressive and anxiety symptoms among older adults? Findings from the Irish longitudinal study on ageing. <i>Aging and Mental Health</i> , <b>2021</b> , 25, 468-475	3.5	8
785	Immune, Blood Cell, and Blood Gas Biomarkers of Delirium in Elderly Individuals with Hip Fracture Surgery. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2021</b> , 50, 161-169	2.6	2
784	Use of the Montreal Cognitive Assessment Thai Version to Discriminate Amnesic Mild Cognitive Impairment from Alzheimer's Disease and Healthy Controls: Machine Learning Results. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2021</b> , 50, 183-194	2.6	5
783	Role of the T-Cell Network in Psychiatric Disorders <b>2021</b> , 109-132		
782	Towards a new model and classification of mood disorders based on risk resilience, neuro-affective toxicity, staging, and phenome features using the nomothetic network psychiatry approach. <i>Metabolic Brain Disease</i> , <b>2021</b> , 36, 509-521	3.9	15
781	In schizophrenia, non-remitters and partial remitters to treatment with antipsychotics are qualitatively distinct classes with respect to neurocognitive deficits and neuro-immune biomarkers: results of soft independent modeling of class analogy. <i>Metabolic Brain Disease</i> , <b>2021</b> , 36, 939-955	3.9	3
780	The Reification of the Clinical Diagnosis of Myalgic Encephalomyelitis/ Chronic Fatigue Syndrome (ME/CFS) as an Immune and Oxidative Stress Disorder: Construction of a Data-driven Nomothetic Network and Exposure of ME/CFS Subgroups. <i>Current Topics in Medicinal Chemistry</i> , <b>2021</b> , 21, 1488-1499	3	1
779	Carotid intima media thickness measurements coupled with stroke severity strongly predict short-term outcome in patients with acute ischemic stroke: a machine learning study. <i>Metabolic Brain Disease</i> , <b>2021</b> , 36, 1747-1761	3.9	4
778	The cytokine storms of COVID-19, H1N1 influenza, CRS and MAS compared. Can one sized treatment fit all?. <i>Cytokine</i> , <b>2021</b> , 144, 155593	4	19
777	Increased C-reactive protein concentration and suicidal behavior in people with psychiatric disorders: A systematic review and meta-analysis. <i>Acta Psychiatrica Scandinavica</i> , <b>2021</b> , 144, 537-552	6.5	5
776	The endocannabinoidome in neuropsychiatry: Opportunities and potential risks. <i>Pharmacological Research</i> , <b>2021</b> , 170, 105729	10.2	4
775	The lipid paradox in neuroprogressive disorders: Causes and consequences. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 128, 35-57	9	3
774	BDNF in antipsychotic naive first episode psychosis: Effects of risperidone and the immune-inflammatory response system. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 141, 206-213	5.2	1
773	Statins: Neurobiological underpinnings and mechanisms in mood disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 128, 693-708	9	3

772	Wnt/ $\beta$ -catenin pathway proteins in end-stage renal disease. <i>Biomarkers in Medicine</i> , <b>2021</b> , 15, 1423-1434	2.3	0
771	Increased nitro-oxidative toxicity in association with metabolic syndrome, atherogenicity and insulin resistance in patients with affective disorders. <i>Journal of Affective Disorders</i> , <b>2021</b> , 294, 410-419	6.6	2
770	A proof-of-concept study of maternal immune activation mediated induction of Toll-like receptor (TLR) and inflammasome pathways leading to neuroprogressive changes and schizophrenia-like behaviours in offspring. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 52, 48-61	1.2	3
769	Suicide attempts are associated with activated immune-inflammatory, nitro-oxidative, and neurotoxic pathways: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , <b>2021</b> , 295, 80-92	6.6	11
768	Translational evidence for the Inflammatory Response System (IRS)/Compensatory Immune Response System (CIRS) and neuroprogression theory of major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110343	5.5	8
767	Shared metabolic and neuroimmune mechanisms underlying Type 2 Diabetes Mellitus and Major Depressive Disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110351	5.5	4
766	From "Leaky Gut" to Impaired Glia-Neuron Communication in Depression. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1305, 129-155	3.6	3
765	Increasing Nrf2 Activity as a Treatment Approach in Neuropsychiatry. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 2158-2182	6.2	17
764	Inflammatory versus Anti-inflammatory Profiles in Major Depressive Disorders-The Role of IL-17, IL-21, IL-23, IL-35 and Foxp3. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	8
763	Exploring interleukin-6, lipopolysaccharide binding protein and brain-derived neurotrophic factor following 12 weeks of adjunctive minocycline treatment for depression.. <i>Acta Neuropsychiatrica</i> , <b>2021</b> , 1-24	3.9	1
762	Evidence-based umbrella review of 162 peripheral biomarkers for major mental disorders. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 152	8.6	48
761	Immune-Inflammatory, Metabolic, Oxidative, and Nitrosative Stress Biomarkers Predict Acute Ischemic Stroke and Short-Term Outcome. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 330-343	4.3	8
760	The role of immune and oxidative pathways in menstrual cycle associated depressive, physio-somatic, breast and anxiety symptoms: Modulation by sex hormones. <i>Journal of Psychosomatic Research</i> , <b>2020</b> , 135, 110158	4.1	7
759	Chronic fatigue and fibromyalgia symptoms are key components of deficit schizophrenia and are strongly associated with activated immune-inflammatory pathways. <i>Schizophrenia Research</i> , <b>2020</b> , 222, 342-353	3.6	5
758	Thiol Groups as a Biomarker for the Diagnosis and Prognosis of Prostate Cancer. <i>Scientific Reports</i> , <b>2020</b> , 10, 9093	4.9	7
757	Increased Oxidative Stress Toxicity and Lowered Antioxidant Defenses in Temporal Lobe Epilepsy and Mesial Temporal Sclerosis: Associations with Psychiatric Comorbidities. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 3334-3348	6.2	3
756	Changing dynamics of psychoneuroimmunology during the COVID-19 pandemic. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2020</b> , 5, 100096	5.1	15
755	Preventive treatments to slow substantia nigra damage and Parkinson's disease progression: A critical perspective review. <i>Pharmacological Research</i> , <b>2020</b> , 161, 105065	10.2	10

754	Induced Ketosis as a Treatment for Neuroprogressive Disorders: Food for Thought?. <i>International Journal of Neuropsychopharmacology</i> , <b>2020</b> , 23, 366-384	5.8	12
753	In schizophrenia, psychomotor retardation is associated with executive and memory impairments, negative and psychotic symptoms, neurotoxic immune products and lower natural IgM to malondialdehyde. <i>World Journal of Biological Psychiatry</i> , <b>2020</b> , 21, 383-401	3.8	11
752	Increased Levels of Plasma Tumor Necrosis Factor- $\alpha$ Mediate Schizophrenia Symptom Dimensions and Neurocognitive Impairments and Are Inversely Associated with Natural IgM Directed to Malondialdehyde and Paraoxonase 1 Activity. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2333-2345	6.2	18
751	Antioxidant and Anti-inflammatory Diagnostic Biomarkers in Multiple Sclerosis: A Machine Learning Study. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2167-2178	6.2	11
750	A multi-national, multi-disciplinary Delphi consensus study on using omega-3 polyunsaturated fatty acids (n-3 PUFAs) for the treatment of major depressive disorder. <i>Journal of Affective Disorders</i> , <b>2020</b> , 265, 233-238	6.6	8
749	Neurodevelopmental pathways in bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 112, 213-226	9	22
748	Major Depression in Children with Transfusion-Dependent Thalassemia Is Strongly Associated with the Combined Effects of Blood Transfusion Rate, Iron Overload, and Increased Pro-inflammatory Cytokines. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 228-241	4.3	5
747	Nutritional ketosis as an intervention to relieve astrogliosis: Possible therapeutic applications in the treatment of neurodegenerative and neuroprogressive disorders. <i>European Psychiatry</i> , <b>2020</b> , 63, e8	6	16
746	Role of Opioidergic System in Regulating Depression Pathophysiology. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 5317-5334	3.3	2
745	Construction of a Neuro-Immune-Cognitive Pathway-Phenotype Underpinning the Phenome of Deficit Schizophrenia. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 747-758	3	12
744	Gut Dysbiosis Dysregulates Central and Systemic Homeostasis via Suboptimal Mitochondrial Function: Assessment, Treatment and Classification Implications. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 524-539	3	29
743	Immunological Disturbances and Neuroimaging Findings in Major Depressive Disorder (MDD) and Alcohol Use Disorder (AUD) Comorbid Patients. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 759-769 <sup>3</sup>	3	2
742	Plasma Indoleamine-2,3-Dioxygenase (IDO) is Increased in Drug-Naïve Major Depressed Patients and Treatment with Sertraline and Ketoprofen Normalizes IDO in Association with Pro-Inflammatory and Immune-Regulatory Cytokines. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2020</b> , 19, 44-54	2.6	4
741	Inflammation and Mitochondrial Dysfunction in Autism Spectrum Disorder. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2020</b> , 19, 320-333	2.6	14
740	Vitamin D deficiency is not associated with increased oxidative stress in chronic kidney disease pre-dialysis patients. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , <b>2020</b> , 42, 420-428	1.5	1
739	Differences in the immune-inflammatory profiles of unipolar and bipolar depression. <i>Journal of Affective Disorders</i> , <b>2020</b> , 262, 8-15	6.6	35
738	The role of microglia in neuroprogressive disorders: mechanisms and possible neurotherapeutic effects of induced ketosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 99, 109858	5.5	13
737	The Neuroimmune and Neurotoxic Fingerprint of Major Neurocognitive Psychosis or Deficit Schizophrenia: a Supervised Machine Learning Study. <i>Neurotoxicity Research</i> , <b>2020</b> , 37, 753-771	4.3	19

736	Peripheral immune aberrations in fibromyalgia: A systematic review, meta-analysis and meta-regression. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 87, 881-889	16.6	20
735	Serum agrin and talin are increased in major depression while agrin and creatine phosphokinase are associated with chronic fatigue and fibromyalgia symptoms in depression. <i>Metabolic Brain Disease</i> , <b>2020</b> , 35, 225-235	3.9	1
734	In major depression, increased kappa and mu opioid receptor levels are associated with immune activation. <i>Acta Neuropsychiatrica</i> , <b>2020</b> , 32, 99-108	3.9	6
733	Influence of treatments on cell adhesion molecules in patients with systemic lupus erythematosus and rheumatoid arthritis: a review. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 363-384	5.1	3
732	Immune-inflammatory, metabolic and hormonal biomarkers are associated with the clinical forms and disability progression in patients with multiple sclerosis: A follow-up study. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 410, 116630	3.2	4
731	Increased Serum Immunoglobulin Responses to Gut Commensal Gram-Negative Bacteria in Unipolar Major Depression and Bipolar Disorder Type 1, Especially When Melancholia Is Present. <i>Neurotoxicity Research</i> , <b>2020</b> , 37, 338-348	4.3	18
730	Cell adhesion molecules, plasminogen activator inhibitor type 1, and metabolic syndrome in patients with psoriasis. <i>Clinical and Experimental Medicine</i> , <b>2020</b> , 20, 39-48	4.9	10
729	Depression in the medically ill. <i>Australian and New Zealand Journal of Psychiatry</i> , <b>2020</b> , 54, 346-366	2.6	13
728	How to Construct a Bottom-Up Nomothetic Network Model and Disclose Novel Nosological Classes by Integrating Risk Resilience and Adverse Outcome Pathways with the Phenome of Schizophrenia. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	9
727	Hereditary haematologic disorders in Najaf province-Iraq. <i>Transfusion Clinique Et Biologique</i> , <b>2020</b> , 27, 213-217	1.9	1
726	Endothelial dysfunction in neuroprogressive disorders-causes and suggested treatments. <i>BMC Medicine</i> , <b>2020</b> , 18, 305	11.4	15
725	Can endolysosomal deacidification and inhibition of autophagy prevent severe COVID-19?. <i>Life Sciences</i> , <b>2020</b> , 262, 118541	6.8	4
724	Chronic fatigue and depression due to multiple sclerosis: Immune-inflammatory pathways, tryptophan catabolites and the gut-brain axis as possible shared pathways. <i>Multiple Sclerosis and Related Disorders</i> , <b>2020</b> , 46, 102533	4	10
723	The Microbiota-Gut-Immune-Glia (MGIG) Axis in Major Depression. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4269-4295	6.2	19
722	Lowered Antioxidant Defenses and Increased Oxidative Toxicity Are Hallmarks of Deficit Schizophrenia: a Nomothetic Network Psychiatry Approach. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4578-4597	6.2	19
721	Environmental, Neuro-immune, and Neuro-oxidative Stress Interactions in Chronic Fatigue Syndrome. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4598-4607	6.2	7
720	The pathophysiology of SARS-CoV-2: A suggested model and therapeutic approach. <i>Life Sciences</i> , <b>2020</b> , 258, 118166	6.8	43
719	Maternal Immune Activation Causes Schizophrenia-like Behaviors in the Offspring through Activation of Immune-Inflammatory, Oxidative and Apoptotic Pathways, and Lowered Antioxidant Defenses and Neuroprotection. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4345-4361	6.2	20



718	Efficacy, cost-utility and physiological effects of Acceptance and Commitment Therapy (ACT) and Behavioural Activation Treatment for Depression (BATD) in patients with chronic low back pain and depression: study protocol of a randomised, controlled trial including mobile-technology-based ecological momentary assessment (IMPACT study). <i>BMJ Open</i> , <b>2020</b> , <i>10</i> , e038107	3	2
717	The Endogenous Opioid System in Schizophrenia and Treatment Resistant Schizophrenia: Increased Plasma Endomorphin 2, and $\mu$ and $\kappa$ Opioid Receptors Are Associated with Interleukin-6. <i>Diagnostics</i> , <b>2020</b> , <i>10</i> ,	3.8	7
716	CCL-11 or Eotaxin-1: An Immune Marker for Ageing and Accelerated Ageing in Neuro-Psychiatric Disorders. <i>Pharmaceuticals</i> , <b>2020</b> , <i>13</i> ,	5.2	9
715	Teaching hip surgery to orthopaedic residents: what's new?. <i>HIP International</i> , <b>2020</b> , <i>30</i> , 42-47	1.7	0
714	Is Interleukin 17 (IL-17) Expression A Common Point in the Pathogenesis of Depression and Obesity?. <i>Journal of Clinical Medicine</i> , <b>2020</b> , <i>9</i> ,	5.1	2
713	Shared neuroimmune and oxidative pathways underpinning Chagas disease and major depressive disorder. <i>Translational Psychiatry</i> , <b>2020</b> , <i>10</i> , 419	8.6	5
712	Lower thiol, glutathione, and glutathione peroxidase levels in prostate cancer: a meta-analysis study. <i>Aging Male</i> , <b>2020</b> , <i>23</i> , 1533-1544	2.1	2
711	Personality disorder and functioning in major depressive disorder: a nested study within a randomized controlled trial. <i>Revista Brasileira De Psiquiatria</i> , <b>2020</b> , <i>42</i> , 14-21	2.6	3
710	Lowered zinc and copper levels in drug-naïve patients with major depression: Effects of antidepressants, ketoprofen and immune activation. <i>World Journal of Biological Psychiatry</i> , <b>2020</b> , <i>21</i> , 127-138	3.8	9
709	Mitochondrial DNA copy number, damage, repair and degradation in depressive disorder. <i>World Journal of Biological Psychiatry</i> , <b>2020</b> , <i>21</i> , 91-101	3.8	9
708	Immune to happiness - inflammatory process indicators and depressive personality traits. <i>Archives of Medical Science</i> , <b>2020</b> , <i>16</i> , 848-857	2.9	3
707	The Role of Aberrations in the Immune-Inflammatory Response System (IRS) and the Compensatory Immune-Regulatory Reflex System (CIRS) in Different Phenotypes of Schizophrenia: the IRS-CIRS Theory of Schizophrenia. <i>Molecular Neurobiology</i> , <b>2020</b> , <i>57</i> , 778-797	6.2	40
706	Prolactin is Not Associated with Disability and Clinical Forms in Patients with Multiple Sclerosis. <i>NeuroMolecular Medicine</i> , <b>2020</b> , <i>22</i> , 73-80	4.6	0
705	The uterine-chemokine-brain axis: menstrual cycle-associated symptoms (MCAS) are in part mediated by CCL2, CCL5, CCL11, CXCL8 and CXCL10. <i>Journal of Affective Disorders</i> , <b>2020</b> , <i>269</i> , 85-93	6.6	6
704	Comparison of major depression diagnostic classification probability using the SCID, CIDI, and MINI diagnostic interviews among women in pregnancy or postpartum: An individual participant data meta-analysis. <i>International Journal of Methods in Psychiatric Research</i> , <b>2019</b> , <i>28</i> , e1803	4.3	24
703	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> , <b>2019</b> , <i>88</i> , 263-273	9.4	66
702	Machine Learning to Understand the Immune-Inflammatory Pathways in Fibromyalgia. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , <i>20</i> ,	6.3	12
701	Myalgic encephalomyelitis/chronic fatigue syndrome: From pathophysiological insights to novel therapeutic opportunities. <i>Pharmacological Research</i> , <b>2019</b> , <i>148</i> , 104450	10.2	12

700	Tumor necrosis factor alpha (TNF- $\alpha$ ) and its soluble receptors are associated with disability, disability progression and clinical forms of multiple sclerosis. <i>Inflammation Research</i> , <b>2019</b> , 68, 1049-1059	7.2	14
699	Shared pathways for neuroprogression and somatoprogession in neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 107, 862-882	9	44
698	Emerging role of innate B1 cells in the pathophysiology of autoimmune and neuroimmune diseases: Association with inflammation, oxidative and nitrosative stress and autoimmune responses. <i>Pharmacological Research</i> , <b>2019</b> , 148, 104408	10.2	15
697	IL-10 is associated with increased mu-opioid receptor levels in major depressive disorder. <i>European Psychiatry</i> , <b>2019</b> , 57, 46-51	6	15
696	Socioeconomic Deprivation, Adverse Childhood Experiences and Medical Disorders in Adulthood: Mechanisms and Associations. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5866-5890	6.2	33
695	Shared microglial mechanisms underpinning depression and chronic fatigue syndrome and their comorbidities. <i>Behavioural Brain Research</i> , <b>2019</b> , 372, 111975	3.4	14
694	Reduced grey matter volume in frontal and temporal areas in depression: contributions from voxel-based morphometry study. <i>Acta Neuropsychiatrica</i> , <b>2019</b> , 31, 252-257	3.9	37
693	Interaction of the immune-inflammatory and the kynurenine pathways in rats resistant to antidepressant treatment in model of depression. <i>International Immunopharmacology</i> , <b>2019</b> , 73, 527-538	5.8	8
692	Development of a Novel Neuro-immune and Opioid-Associated Fingerprint with a Cross-Validated Ability to Identify and Authenticate Unknown Patients with Major Depression: Far Beyond Differentiation, Discrimination, and Classification. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 7822-7835	6.2	6
691	An immune gate of depression - Early neuroimmune development in the formation of the underlying depressive disorder. <i>Pharmacological Reports</i> , <b>2019</b> , 71, 1299-1307	3.9	21
690	Depression and Anxiety in Adults With Hidradenitis Suppurativa: A Systematic Review and Meta-analysis. <i>JAMA Dermatology</i> , <b>2019</b> , 155, 939-945	5.1	53
689	Proinflammatory and anti-inflammatory cytokine profiles in psoriasis: use as laboratory biomarkers and disease predictors. <i>Inflammation Research</i> , <b>2019</b> , 68, 557-567	7.2	19
688	Breakdown of the Paracellular Tight and Adherens Junctions in the Gut and Blood Brain Barrier and Damage to the Vascular Barrier in Patients with Deficit Schizophrenia. <i>Neurotoxicity Research</i> , <b>2019</b> , 36, 306-322	4.3	45
687	Novel insights into the mechanisms underlying depression-associated experimental autoimmune encephalomyelitis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 93, 1-10	5.5	16
686	Paranoid schizophrenia and methamphetamine-induced paranoia are both characterized by a similar LINE-1 partial methylation profile, which is more pronounced in paranoid schizophrenia. <i>Schizophrenia Research</i> , <b>2019</b> , 208, 221-227	3.6	12
685	A game-based neurofeedback training system to enhance cognitive performance in healthy elderly subjects and in patients with amnesic mild cognitive impairment. <i>Clinical Interventions in Aging</i> , <b>2019</b> , 14, 347-360	4	25
684	Immune-inflammatory, oxidative stress and biochemical biomarkers predict short-term acute ischemic stroke death. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 789-804	3.9	16
683	Why Should Psychiatrists and Neuroscientists Worry about Paraoxonase 1?. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 1004-1020	7.6	20

682	Upregulation of the Intestinal Paracellular Pathway with Breakdown of Tight and Adherens Junctions in Deficit Schizophrenia. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 7056-7073	6.2	25
681	Development of a Novel Staging Model for Affective Disorders Using Partial Least Squares Bootstrapping: Effects of Lipid-Associated Antioxidant Defenses and Neuro-Oxidative Stress. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 6626-6644	6.2	22
680	Leptin Prevents Lipopolysaccharide-Induced Depressive-Like Behaviors in Mice: Involvement of Dopamine Receptors. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 125	5	24
679	Do Human Endogenous Retroviruses Contribute to Multiple Sclerosis, and if So, How?. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2590-2605	6.2	17
678	Eotaxin, an Endogenous Cognitive Deteriorating Chemokine (ECDC), Is a Major Contributor to Cognitive Decline in Normal People and to Executive, Memory, and Sustained Attention Deficits, Formal Thought Disorders, and Psychopathology in Schizophrenia Patients. <i>Neurotoxicity Research</i> , <b>2019</b> , 35, 122-138	4.3	33
677	Peripheral Blood Biomarkers Coupled with the Apolipoprotein E4 Genotype Are Strongly Associated with Semantic and Episodic Memory Impairments in Elderly Subjects with Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 71, 797-811	4.3	4
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675	Total and ionized calcium and magnesium are significantly lowered in drug-naïve depressed patients: effects of antidepressants and associations with immune activation. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 1493-1503	3.9	7
674	Disability in multiple sclerosis is associated with age and inflammatory, metabolic and oxidative/nitrosative stress biomarkers: results of multivariate and machine learning procedures. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 1401-1413	3.9	14
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670	A New Schizophrenia Model: Immune Activation is Associated with the Induction of Different Neurotoxic Products which Together Determine Memory Impairments and Schizophrenia Symptom Dimensions. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2019</b> , 18, 124-140	2.6	25
669	Immune-inflammatory pathways and clinical changes in fibromyalgia patients treated with Mindfulness-Based Stress Reduction (MBSR): A randomized, controlled clinical trial. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 109-119	16.6	29
668	Myalgic encephalomyelitis or chronic fatigue syndrome: how could the illness develop?. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 385-415	3.9	26
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665	Activation of the immune-inflammatory response system and the compensatory immune-regulatory system in antipsychotic naïve first episode psychosis. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 416-431	1.2	38

664	Cannabis use and suicide attempts among 86,254 adolescents aged 12-15 years from 21 low- and middle-income countries. <i>European Psychiatry</i> , <b>2019</b> , 56, 8-13	6	52
663	Supervised machine learning to decipher the complex associations between neuro-immune biomarkers and quality of life in schizophrenia. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 267-282	3.9	11
662	Validation of the Thai version of the short Boston Naming Test (T-BNT) in patients with Alzheimer's dementia and mild cognitive impairment: clinical and biomarker correlates. <i>Aging and Mental Health</i> , <b>2019</b> , 23, 840-850	3.5	5
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660	Methamphetamine (MA) Use Induces Specific Changes in LINE-1 Partial Methylation Patterns, Which Are Associated with MA-Induced Paranoia: a Multivariate and Neuronal Network Study. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4258-4272	6.2	7
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654	Peripheral Alterations in Cytokine and Chemokine Levels After Antidepressant Drug Treatment for Major Depressive Disorder: Systematic Review and Meta-Analysis. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4195-4206	6.2	200
653	Lowered quality of life in mood disorders is associated with increased neuro-oxidative stress and basal thyroid-stimulating hormone levels and use of anticonvulsant mood stabilizers. <i>Journal of Evaluation in Clinical Practice</i> , <b>2018</b> , 24, 869-878	2.5	15
652	The Endoplasmic Reticulum Stress Response in Neuroprogressive Diseases: Emerging Pathophysiological Role and Translational Implications. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 8765-8787	6.2	42
651	The Compensatory Immune-Regulatory Reflex System (CIRS) in Depression and Bipolar Disorder. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 8885-8903	6.2	89
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648	Increased adhesion molecule levels in systemic lupus erythematosus: relationships with severity of illness, autoimmunity, metabolic syndrome and cortisol levels. <i>Lupus</i> , <b>2018</b> , 27, 380-388	2.6	14
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643	A novel approach of substitution therapy with inhalation of essential oil for the reduction of inhalant craving: A double-blinded randomized controlled trial. <i>Psychiatry Research</i> , <b>2018</b> , 261, 61-67	9.9	2
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641	Add-on Treatment with Curcumin Has Antidepressive Effects in Thai Patients with Major Depression: Results of a Randomized Double-Blind Placebo-Controlled Study. <i>Neurotoxicity Research</i> , <b>2018</b> , 33, 621-633	4.3	31
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638	Tryptophan catabolites along the indoleamine 2,3-dioxygenase pathway as a biological link between depression and cancer. <i>Behavioural Pharmacology</i> , <b>2018</b> , 29, 165-180	2.4	15
637	In major affective disorders, early life trauma predict increased nitro-oxidative stress, lipid peroxidation and protein oxidation and recurrence of major affective disorders, suicidal behaviors and a lowered quality of life. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 1081-1096	3.9	20
636	Deficit schizophrenia is a discrete diagnostic category defined by neuro-immune and neurocognitive features: results of supervised machine learning. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 1053-1067	3.9	30
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633	Stimulatory effect of desipramine on lung metastases of adenocarcinoma MADB 106 in stress highly-sensitive and stress non-reactive rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 80, 279-290	5.5	1
632	Deficit, but Not Nondeficit, Schizophrenia Is Characterized by Mucosa-Associated Activation of the Tryptophan Catabolite (TRYCAT) Pathway with Highly Specific Increases in IgA Responses Directed to Picolinic, Xanthurenic, and Quinolinic Acid. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 1524-1536	6.2	28
631	Deficit Schizophrenia Is Characterized by Defects in IgM-Mediated Responses to Tryptophan Catabolites (TRYCATs): a Paradigm Shift Towards Defects in Natural Self-Regulatory Immune Responses Coupled with Mucosa-Derived TRYCAT Pathway Activation. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 2211-2221	6.2	24
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629	The effects of pessimism on cell-mediated immunity in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 80, 295-303	5.5	4

628	Zika Virus as an Emerging Neuropathogen: Mechanisms of Neurovirulence and Neuro-Immune Interactions. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4160-4184	6.2	16
627	Affective symptoms in schizophrenia are strongly associated with neurocognitive deficits indicating disorders in executive functions, visual memory, attention and social cognition. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 80, 168-176	5.5	22
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625	The Putative Role of Environmental Mercury in the Pathogenesis and Pathophysiology of Autism Spectrum Disorders and Subtypes. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4834-4856	6.2	15
624	Cell Death Pathways: a Novel Therapeutic Approach for Neuroscientists. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5767-5786	6.2	77
623	Leukocyte telomere length variation in different stages of schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2018</b> , 96, 218-223	5.2	20
622	Expression levels of interferon- $\gamma$ and type 2 deiodinase in patients diagnosed with recurrent depressive disorders. <i>Pharmacological Reports</i> , <b>2018</b> , 70, 133-138	3.9	3
621	Food addiction: Prevalence, psychopathological correlates and associations with quality of life in a large sample. <i>Journal of Psychiatric Research</i> , <b>2018</b> , 96, 145-152	5.2	88
620	Changes in Tryptophan Catabolite (TRYCAT) Pathway Patterning Are Associated with Mild Impairments in Declarative Memory in Schizophrenia and Deficits in Semantic and Episodic Memory Coupled with Increased False-Memory Creation in Deficit Schizophrenia. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5184-5201	6.2	32
619	Are there differences in lipid peroxidation and immune biomarkers between major depression and bipolar disorder: Effects of melancholia, atypical depression, severity of illness, episode number, suicidal ideation and prior suicide attempts. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 81, 372-383	5.5	51
618	A neuro-immune, neuro-oxidative and neuro-nitrosative model of prenatal and postpartum depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 81, 262-274	5.5	28
617	Episodic memory and delayed recall are significantly more impaired in younger patients with deficit schizophrenia than in elderly patients with amnesic mild cognitive impairment. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197004	3.7	5
616	Interplay Between the Gut-Brain Axis, Obesity and Cognitive Function. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 155	5.1	120
615	TAT-Gap19 and Carbenoxolone Alleviate Liver Fibrosis in Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	19
614	Cell adhesion molecules and plasminogen activator inhibitor type-1 (PAI-1) in patients with rheumatoid arthritis: influence of metabolic syndrome. <i>Clinical and Experimental Medicine</i> , <b>2018</b> , 18, 495-504	4.0	3
613	The association of depression and all-cause and cause-specific mortality: an umbrella review of systematic reviews and meta-analyses. <i>BMC Medicine</i> , <b>2018</b> , 16, 112	11.4	83
612	Generalized Anxiety Disorder (GAD) and Comorbid Major Depression with GAD Are Characterized by Enhanced Nitro-oxidative Stress, Increased Lipid Peroxidation, and Lowered Lipid-Associated Antioxidant Defenses. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 489-510	4.3	24
611	Skin picking disorder: prevalence, correlates, and associations with quality of life in a large sample. <i>CNS Spectrums</i> , <b>2018</b> , 23, 311-320	1.8	26

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609	Different patterns of alcohol consumption and the incidence and persistence of depressive and anxiety symptoms among older adults in Ireland: A prospective community-based study. <i>Journal of Affective Disorders</i> , <b>2018</b> , 238, 651-658	6.6	11
608	Anxiety Disorders: Sex Differences in Serotonin and Tryptophan Metabolism. <i>Current Topics in Medicinal Chemistry</i> , <b>2018</b> , 18, 1704-1715	3	30
607	Recognizing the Leaky Gut as a Trans-diagnostic Target for Neuroimmune Disorders Using Clinical Chemistry and Molecular Immunology Assays. <i>Current Topics in Medicinal Chemistry</i> , <b>2018</b> , 18, 1641-1655 <sup>3</sup>		18
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605	The Effects of Tryptophan Catabolites on Negative Symptoms and Deficit Schizophrenia are Partly Mediated by Executive Impairments: Results of Partial Least Squares Path Modeling. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2018</b> , 17, 473-486	2.6	4
604	Role of the Immune System in Autism Spectrum Disorders (ASD). <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2018</b> , 17, 489-495	2.6	15
603	Serum Interleukin Levels and Insulin Resistance in Major Depressive Disorder. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2018</b> , 17, 618-625	2.6	12
602	Pattern of Methamphetamine Use and the Time Lag to Methamphetamine Dependence. <i>Journal of Addiction Medicine</i> , <b>2018</b> , 12, 92-98	3.8	10
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600	Lipid Peroxidation and Immune Biomarkers Are Associated with Major Depression and Its Phenotypes, Including Treatment-Resistant Depression and Melancholia. <i>Neurotoxicity Research</i> , <b>2018</b> , 33, 448-460	4.3	34
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598	The role of hypernitrosylation in the pathogenesis and pathophysiology of neuroprogressive diseases. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 84, 453-469	9	21
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593	Imaging genetics paradigms in depression research: Systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 86, 102-113	5.5	11

592	Towards a new classification of stable phase schizophrenia into major and simple neuro-cognitive psychosis: Results of unsupervised machine learning analysis. <i>Journal of Evaluation in Clinical Practice</i> , <b>2018</b> , 24, 879-891	2.5	24
591	The Biological Underpinnings of Mood Disorders Interact With Early Trauma, Sexual Abuse and Neuroticism: Implications for Psychiatric Classification and Treatment <b>2018</b> , 549-567		
590	Genetic, Immune-Inflammatory, and Oxidative Stress Biomarkers as Predictors for Disability and Disease Progression in Multiple Sclerosis. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 31-44	6.2	42
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586	Cytokine Profile in Patients with Progressive Multiple Sclerosis and Its Association with Disease Progression and Disability. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 2950-2960	6.2	31
585	Albumin and Protein Oxidation are Predictors that Differentiate Relapsing-Remitting from Progressive Clinical Forms of Multiple Sclerosis. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 2961-2968	6.2	16
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496	Development and Evaluation of an Interactive Electro-Encephalogram-Based Neurofeedback System for Training Attention and Attention Defects in Children. <i>Journal of Medical Imaging and Health Informatics</i> , <b>2015</b> , 5, 1045-1052	1.2	3
495	Mechanisms underlying neurocognitive dysfunctions in recurrent major depression. <i>Medical Science Monitor</i> , <b>2015</b> , 21, 1535-47	3.2	54
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492	Models and methods for in vitro testing of hepatic gap junctional communication. <i>Toxicology in Vitro</i> , <b>2015</b> , 30, 569-577	3.6	8
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490	The gut-brain axis: The role of melatonin in linking psychiatric, inflammatory and neurodegenerative conditions. <i>Advances in Integrative Medicine</i> , <b>2015</b> , 2, 31-37	1.6	25
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482	Establishment and Characterization of an In Vitro Model of Fas-Mediated Hepatocyte Cell Death. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1250, 95-103	1.4	1
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479	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> , <b>2015</b> , 36, 529-38	0.3	2
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205	Effects of repeated fluoxetine and citalopram administration on cytokine release in C57BL/6 mice. <i>Psychiatry Research</i> , <b>2000</b> , 96, 255-66	9.9	64
204	Serotonergic markers and lowered plasma branched-chain-amino acid concentrations in fibromyalgia. <i>Psychiatry Research</i> , <b>2000</b> , 97, 11-20	9.9	28
203	The effects of noradrenaline and alpha-2 adrenoceptor agents on the production of monocytic products. <i>Psychiatry Research</i> , <b>2000</b> , 96, 245-53	9.9	62
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195	Lower serum zinc in relation to serum albumin and proinflammatory cytokines in detoxified alcohol-dependent patients without apparent liver disease. <i>Neuropsychobiology</i> , <b>1999</b> , 39, 144-50	4	3
194	Immunoendocrine findings in patients with eating disorders. <i>Neuropsychobiology</i> , <b>1999</b> , 40, 115-20	4	31
193	Lower activity of serum peptidases in abstinent alcohol-dependent patients. <i>Alcohol</i> , <b>1999</b> , 17, 1-6	2.7	12
192	In vitro immunoregulatory effects of lithium in healthy volunteers. <i>Psychopharmacology</i> , <b>1999</b> , 143, 401-7	4.7	50
191	Higher serum prolyl endopeptidase activity in patients with post-traumatic stress disorder. <i>Journal of Affective Disorders</i> , <b>1999</b> , 53, 27-34	6.6	45
190	Seasonal and circadian rhythms in suicide in Cagliari, Italy. <i>Journal of Affective Disorders</i> , <b>1999</b> , 53, 77-85	6.6	67
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167	Effects of psychological stress on serum prolyl endopeptidase and dipeptidyl peptidase IV activity in humans: higher serum prolyl endopeptidase activity is related to stress-induced anxiety. <i>Psychoneuroendocrinology</i> , <b>1998</b> , 23, 485-95	5	31
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165	Serotonin-immune interactions in detoxified chronic alcoholic patients without apparent liver disease: activation of the inflammatory response system and lower plasma total tryptophan. <i>Psychiatry Research</i> , <b>1998</b> , 78, 151-61	9.9	10
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151	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> , <b>1997</b> , 42, 349-58	7.9	184
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149	Cytokines in obsessive-compulsive disorder. <i>Biological Psychiatry</i> , <b>1997</b> , 42, 1187-8	7.9	3
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143	Effects of psychological stress on serum immunoglobulin, complement and acute phase protein concentrations in normal volunteers. <i>Psychoneuroendocrinology</i> , <b>1997</b> , 22, 397-409	5	58



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103	Plasma concentrations of excitatory amino acids, serine, glycine, taurine and histidine in major depression. <i>European Neuropsychopharmacology</i> , <b>1995</b> , 5 Suppl, 71-5	1.2	123
102	Total serum protein and serum protein fractions in depression: relationships to depressive symptoms and glucocorticoid activity. <i>Journal of Affective Disorders</i> , <b>1995</b> , 34, 61-9	6.6	65
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21	Oxidative stress and antioxidant defenses in mild cognitive impairment: a systematic review and meta-analysis <sup>1</sup>		
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