

# Marta Kubera

## List of Publications by Year in descending order

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102  
papers

6,470  
citations

76326

40  
h-index

66911

78  
g-index

104  
all docs

104  
docs citations

104  
times ranked

8411  
citing authors

#	ARTICLE	IF	CITATIONS
1	The inflammatory & neurodegenerative (I&ND) hypothesis of depression: leads for future research and new drug developments in depression. <i>Metabolic Brain Disease</i> , 2009, 24, 27-53.	2.9	775
2	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.	4.8	369
3	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.	4.1	364
4	Anti-Inflammatory Effects of Antidepressants Through Suppression of the Interferon- $\gamma$ /Interleukin-10 Production Ratio. <i>Journal of Clinical Psychopharmacology</i> , 2001, 21, 199-206.	1.4	302
5	Gender-specific behavioral and immunological alterations in an animal model of autism induced by prenatal exposure to valproic acid. <i>Psychoneuroendocrinology</i> , 2008, 33, 728-740.	2.7	258
6	Depression in cancer: The many biobehavioral pathways driving tumor progression. <i>Cancer Treatment Reviews</i> , 2017, 52, 58-70.	7.7	204
7	Depression's multiple comorbidities explained by (neuro)inflammatory and oxidative & nitrosative stress pathways. <i>Neuroendocrinology Letters</i> , 2011, 32, 7-24.	0.2	175
8	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.	4.8	147
9	The role of zinc in neurodegenerative inflammatory pathways in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 693-701.	4.8	139
10	Evidence for inflammation and activation of cell-mediated immunity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS): Increased interleukin-1, tumor necrosis factor- $\alpha$ , PMN-elastase, lysozyme and neopterin. <i>Journal of Affective Disorders</i> , 2012, 136, 933-939.	4.1	133
11	Effects of serotonin and serotonergic agonists and antagonists on the production of tumor necrosis factor $\alpha$ and interleukin-6. <i>Psychiatry Research</i> , 2005, 134, 251-258.	3.3	128
12	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.	4.1	124
13	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.	3.4	118
14	Prenatal stress is a vulnerability factor for altered morphology and biological activity of microglia cells. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 82.	3.7	108
15	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.	4.1	105
16	Stimulatory effect of antidepressants on the production of IL-6. <i>International Immunopharmacology</i> , 2004, 4, 185-192.	3.8	103
17	The effect of antidepressant drugs on the HPA axis activity, glucocorticoid receptor level and FKBP51 concentration in prenatally stressed rats. <i>Psychoneuroendocrinology</i> , 2009, 34, 822-832.	2.7	103
18	A new animal model of (chronic) depression induced by repeated and intermittent lipopolysaccharide administration for 4months. <i>Brain, Behavior, and Immunity</i> , 2013, 31, 96-104.	4.1	99

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19	Prolonged desipramine treatment increases the production of interleukin-10, an anti-inflammatory cytokine, in C57BL/6 mice subjected to the chronic mild stress model of depression. <i>Journal of Affective Disorders</i> , 2001, 63, 171-178.	4.1	96
20	Increased autoimmune activity against 5-HT: A key component of depression that is associated with inflammation and activation of cell-mediated immunity, and with severity and staging of depression. <i>Journal of Affective Disorders</i> , 2012, 136, 386-392.	4.1	96
21	Lower plasma Coenzyme Q10 in depression: a marker for treatment resistance and chronic fatigue in depression and a risk factor to cardiovascular disorder in that illness. <i>Neuroendocrinology Letters</i> , 2009, 30, 462-9.	0.2	94
22	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> , 2020, 57, 778-797.	4.0	93
23	(Neuro)inflammation and neuroprogression as new pathways and drug targets in depression: From antioxidants to kinase inhibitors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 659-663.	4.8	92
24	Increased IgA responses to the LPS of commensal bacteria is associated with inflammation and activation of cell-mediated immunity in chronic fatigue syndrome. <i>Journal of Affective Disorders</i> , 2012, 136, 909-917.	4.1	85
25	Targeting the NLRP3 Inflammasome-Related Pathways via Tianeptine Treatment-Suppressed Microglia Polarization to the M1 Phenotype in Lipopolysaccharide-Stimulated Cultures. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1965.	4.1	84
26	Increased autoimmune responses against auto-epitopes modified by oxidative and nitrosative damage in depression: Implications for the pathways to chronic depression and neuroprogression. <i>Journal of Affective Disorders</i> , 2013, 149, 23-29.	4.1	83
27	Increased IL-6 trans-signaling in depression: focus on the tryptophan catabolite pathway, melatonin and neuroprogression. <i>Pharmacological Reports</i> , 2013, 65, 1647-1654.	3.3	74
28	Effects of repeated fluoxetine and citalopram administration on cytokine release in C57BL/6 mice. <i>Psychiatry Research</i> , 2000, 96, 255-266.	3.3	72
29	In vitro immunoregulatory effects of lithium in healthy volunteers. <i>Psychopharmacology</i> , 1999, 143, 401-407.	3.1	66
30	The effect of repeated amitriptyline and desipramine administration on cytokine release in C57BL/6 mice. <i>Psychoneuroendocrinology</i> , 2000, 25, 785-797.	2.7	65
31	Neuroendocrine link between stress, depression and diabetes. <i>Pharmacological Reports</i> , 2013, 65, 1591-1600.	3.3	59
32	The negative immunoregulatory effects of fluoxetine in relation to the cAMP-dependent PKA pathway. <i>International Immunopharmacology</i> , 2005, 5, 609-618.	3.8	57
33	Maternal immune activation leads to age-related behavioral and immunological changes in male rat offspring - the effect of antipsychotic drugs. <i>Pharmacological Reports</i> , 2012, 64, 1400-1410.	3.3	56
34	In myalgic encephalomyelitis/chronic fatigue syndrome, increased autoimmune activity against 5-HT is associated with immuno-inflammatory pathways and bacterial translocation. <i>Journal of Affective Disorders</i> , 2013, 150, 223-230.	4.1	56
35	Maternal stress predicts altered biogenesis and the profile of mitochondrial proteins in the frontal cortex and hippocampus of adult offspring rats. <i>Psychoneuroendocrinology</i> , 2015, 60, 151-162.	2.7	55
36	Possible contribution of IGF-1 to depressive disorder. <i>Pharmacological Reports</i> , 2013, 65, 1622-1631.	3.3	51

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37	Effect of mild chronic stress, as a model of depression, on the immunoreactivity of C57BL/6 mice. <i>International Journal of Immunopharmacology</i> , 1998, 20, 781-789.	1.1	50
38	Antipsychotic Drugs Inhibit the Human Corticotropin-Releasing-Hormone Gene Promoter Activity in Neuro-2A Cells—an Involvement of Protein Kinases. <i>Neuropsychopharmacology</i> , 2006, 31, 853-865.	5.4	49
39	IgM-mediated autoimmune responses directed against anchorage epitopes are greater in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) than in major depression. <i>Metabolic Brain Disease</i> , 2012, 27, 415-423.	2.9	44
40	Hyperactivity of the hypothalamus–pituitary–adrenal axis in lipopolysaccharide-induced neurodevelopmental model of schizophrenia in rats: Effects of antipsychotic drugs. <i>European Journal of Pharmacology</i> , 2011, 650, 586-595.	3.5	43
41	Prenatal stress affects insulin-like growth factor-1 (IGF-1) level and IGF-1 receptor phosphorylation in the brain of adult rats. <i>European Neuropsychopharmacology</i> , 2014, 24, 1546-1556.	0.7	42
42	The impact of prenatal stress on insulin-like growth factor-1 and pro-inflammatory cytokine expression in the brains of adult male rats: The possible role of suppressors of cytokine signaling proteins. <i>Journal of Neuroimmunology</i> , 2014, 276, 37-46.	2.3	41
43	Age-dependent stimulatory effect of desipramine and fluoxetine pretreatment on metastasis formation by B16F10 melanoma in male C57BL/6 mice. <i>Pharmacological Reports</i> , 2009, 61, 1113-1126.	3.3	40
44	Toward Omics-Based, Systems Biomedicine, and Path and Drug Discovery Methodologies for Depression-Inflammation Research. <i>Molecular Neurobiology</i> , 2016, 53, 2927-2935.	4.0	40
45	Deficit schizophrenia is a discrete diagnostic category defined by neuro-immune and neurocognitive features: results of supervised machine learning. <i>Metabolic Brain Disease</i> , 2018, 33, 1053-1067.	2.9	40
46	Elevated Brain Glucose and Glycogen Concentrations in an Animal Model of Depression. <i>Neuroendocrinology</i> , 2014, 100, 178-190.	2.5	39
47	Adverse Childhood Experiences Predict the Phenome of Affective Disorders and These Effects Are Mediated by Staging, Neuroimmunotoxic and Growth Factor Profiles. <i>Cells</i> , 2022, 11, 1564.	4.1	38
48	The effect of chronic treatment with imipramine on the immunoreactivity of animals subjected to a chronic mild stress model of depression. <i>Immunopharmacology</i> , 1995, 30, 225-230.	2.0	37
49	Curcumin influences semen quality parameters and reverses the di(2-ethylhexyl)phthalate (DEHP)-induced testicular damage in mice. <i>Pharmacological Reports</i> , 2014, 66, 782-787.	3.3	35
50	The Modulatory Properties of Chronic Antidepressant Drugs Treatment on the Brain Chemokine “Chemokine Receptor Network: A Molecular Study in an Animal Model of Depression. <i>Frontiers in Pharmacology</i> , 2017, 8, 779.	3.5	34
51	Antioxidant activity of fluoxetine: Studies in mice melanoma model. <i>Cell Biochemistry and Function</i> , 2010, 28, 497-502.	2.9	32
52	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> , 2018, 33, 1081-1096.	2.9	32
53	Beneficial impact of intracerebroventricular fractalkine administration on behavioral and biochemical changes induced by prenatal stress in adult rats: Possible role of NLRP3 inflammasome pathway. <i>Biochemical Pharmacology</i> , 2016, 113, 45-56.	4.4	31
54	The Effect of Chronic Mild Stress and Imipramine on the Markers of Oxidative Stress and Antioxidant System in Rat Liver. <i>Neurotoxicity Research</i> , 2016, 30, 173-184.	2.7	30

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55	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> , 2020, 37, 338-348.	2.7	30
56	Prenatal stress decreases glycogen synthase kinase-3 phosphorylation in the rat frontal cortex. <i>Pharmacological Reports</i> , 2009, 61, 612-620.	3.3	29
57	Inhibitory effect of antidepressants on B16F10 melanoma tumor growth. <i>Pharmacological Reports</i> , 2013, 65, 672-681.	3.3	29
58	Inhibitory effects of amantadine on the production of pro-inflammatory cytokines by stimulated in vitro human blood. <i>Pharmacological Reports</i> , 2009, 61, 1105-1112.	3.3	27
59	Regulation of the Human Corticotropin-Releasing-Hormone Gene Promoter Activity by Antidepressant Drugs in Neuro-2A and AtT-20 Cells. <i>Neuropsychopharmacology</i> , 2004, 29, 785-794.	5.4	26
60	Immunosuppression Induced by a Conditioned Stimulus Associated With Cocaine Self-Administration. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 361-369.	2.5	25
61	Stress-induced alterations in 5-HT1A receptor transcriptional modulators NUDR and Freud-1. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1763-1775.	2.1	24
62	The Beneficial Impact of Antidepressant Drugs on Prenatal Stress-Evoked Malfunction of the Insulin-Like Growth Factor-1 (IGF-1) Protein Family in the Olfactory Bulbs of Adult Rats. <i>Neurotoxicity Research</i> , 2016, 29, 288-298.	2.7	23
63	Effect of amantadine and imipramine on immunological parameters of rats subjected to a forced swimming test. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 297.	2.1	21
64	Concomitant administration of fluoxetine and amantadine modulates the activity of peritoneal macrophages of rats subjected to a forced swimming test. <i>Pharmacological Reports</i> , 2009, 61, 1069-1077.	3.3	21
65	Chronic mild stress influences nerve growth factor through a matrix metalloproteinase-dependent mechanism. <i>Psychoneuroendocrinology</i> , 2016, 66, 11-21.	2.7	21
66	The effect of chronic tianeptine administration on the brain mitochondria: direct links with an animal model of depression. <i>Molecular Neurobiology</i> , 2016, 53, 7351-7362.	4.0	21
67	Effect of co-administration of fluoxetine and amantadine on immunoendocrine parameters in rats subjected to a forced swimming test. <i>Pharmacological Reports</i> , 2009, 61, 1050-1060.	3.3	20
68	<i>In vivo</i> effects of pentoxifylline on enzyme and non-enzyme antioxidant levels in rat liver after carrageenan-induced paw inflammation. <i>Cell Biochemistry and Function</i> , 2010, 28, 668-672.	2.9	20
69	Inhibitory effect of imipramine on the human corticotropin-releasing-hormone gene promoter activity operates through a PI3-K/AKT mediated pathway. <i>Neuropharmacology</i> , 2005, 49, 156-164.	4.1	19
70	Stimulatory effect of antidepressant drug pretreatment on progression of B16F10 melanoma in high-active male and female C57BL/6J mice. <i>Journal of Neuroimmunology</i> , 2011, 240-241, 34-44.	2.3	19
71	Inhibitory effect of antidepressant drugs on contact hypersensitivity reaction. <i>Pharmacological Reports</i> , 2012, 64, 714-722.	3.3	19
72	Interaction of the immune-inflammatory and the kynurenine pathways in rats resistant to antidepressant treatment in model of depression. <i>International Immunopharmacology</i> , 2019, 73, 527-538.	3.8	18

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73	The effect of cocaine sensitization on mouse immunoreactivity. <i>European Journal of Pharmacology</i> , 2004, 483, 309-315.	3.5	17
74	Effect of acute and repeated treatment with mirtazapine on the immunity of noradrenaline transporter knockout C57BL/6J mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 813-819.	2.9	17
75	Stress-induced changes in muscarinic and $\beta^2$ -adrenergic binding sites on rat thymocytes and lymphocytes. <i>Journal of Neuroimmunology</i> , 1992, 37, 229-235.	2.3	16
76	Inhibition of 2,4-dinitrofluorobenzene-induced contact hypersensitivity reaction by antidepressant drugs. <i>Pharmacological Reports</i> , 2013, 65, 1237-1246.	3.3	15
77	Suppression of pro-inflammatory cytokine expression and lack of anti-depressant-like effect of fluoxetine in lipopolysaccharide-treated old female mice. <i>International Immunopharmacology</i> , 2017, 48, 35-42.	3.8	15
78	Effects of neurosteroids on glucocorticoid receptor-mediated gene transcription in LMCAT cells – A possible interaction with psychotropic drugs. <i>European Neuropsychopharmacology</i> , 2007, 17, 37-45.	0.7	14
79	Neuroimmunological aspects of the alterations in zinc homeostasis in the pathophysiology and treatment of depression. <i>Acta Neuropsychiatrica</i> , 2000, 12, 49-53.	2.1	13
80	Mood stabilizers inhibit glucocorticoid receptor function in LMCAT cells. <i>European Journal of Pharmacology</i> , 2004, 495, 103-110.	3.5	13
81	Effects of PRI-2191 – A low-calcemic analog of 1,25-dihydroxyvitamin D3 on the seizure-induced changes in brain gene expression and immune system activity in the rat. <i>Brain Research</i> , 2005, 1039, 1-13.	2.2	13
82	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> , 2021, 21, 1488-1499.	2.1	12
83	Increased expression of activation antigens on CD8+ T lymphocytes in Myalgic Encephalomyelitis/chronic fatigue syndrome: inverse associations with lowered CD19+ expression and CD4+/CD8+ ratio, but no associations with (auto)immune, leaky gut, oxidative and nitrosative stress biomarkers. <i>Neuroendocrinology Letters</i> , 2015, 36, 439-46.	0.2	11
84	Effects of chronic desipramine pretreatment on open field-induced suppression of blood natural killer cell activity and cytokine response depend on the rat's behavioral characteristics. <i>Journal of Neuroimmunology</i> , 2014, 268, 13-24.	2.3	10
85	Regulators of glucocorticoid receptor function in an animal model of depression and obesity. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12591.	2.6	10
86	Hypothalamic insulin and glucagon-like peptide-1 levels in an animal model of depression and their effect on corticotropin-releasing hormone promoter gene activity in a hypothalamic cell line. <i>Pharmacological Reports</i> , 2019, 71, 338-346.	3.3	10
87	The effects of pessimism on cell-mediated immunity in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 295-303.	4.8	9
88	New trends in the neurobiology and pharmacology of affective disorders. <i>Pharmacological Reports</i> , 2013, 65, 1441-1450.	3.3	8
89	Inhibitory effect of antidepressant drugs on contact hypersensitivity reaction is connected with their suppressive effect on NKT and CD8+ T cells but not on TCR delta T cells. <i>International Immunopharmacology</i> , 2015, 28, 1091-1096.	3.8	8
90	Chronic antidepressant desipramine treatment increases open field-induced brain expression and spleen production of interleukin 10 in rats. <i>Brain Research Bulletin</i> , 2013, 99, 117-131.	3.0	7

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91	Crosstalk between contact hypersensitivity reaction and antidepressant drugs. <i>Pharmacological Reports</i> , 2013, 65, 1673-1680.	3.3	6
92	Increased mitogen-induced lymphocyte proliferation in treatment resistant depression: a preliminary study. <i>Neuroendocrinology Letters</i> , 2004, 25, 207-10.	0.2	6
93	Effects of lipopolysaccharide and chlorpromazine on glucocorticoid receptor-mediated gene transcription and immunoreactivity: a possible involvement of p38-MAP kinase. <i>European Neuropsychopharmacology</i> , 2004, 14, 521-528.	0.7	5
94	Study of the cytotoxicity and antioxidant capacity of N/OFQ(1-13)NH <sub>2</sub> and its structural analogues. <i>Pharmacological Reports</i> , 2009, 61, 1163-1172.	3.3	4
95	Immune-Regulatory and Molecular Effects of Antidepressants on the Inflamed Human Keratinocyte HaCaT Cell Line. <i>Neurotoxicity Research</i> , 2021, 39, 1211-1226.	2.7	4
96	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> , 2018, 80, 279-290.	4.8	3
97	The effect of age, sex and breeding on graft versus host reactivity of spleen cells from C57BL mice. <i>Mechanisms of Ageing and Development</i> , 1992, 65, 1-8.	4.6	2
98	The effect of multiparity and lactation periods on the graft versus host reactivity of thymocytes and splenocytes from aging C57BL mice. <i>Mechanisms of Ageing and Development</i> , 1996, 91, 1-10.	4.6	2
99	Effect of hypothalamic lesion or chemical axotomy on restitution of immunoreactivity in mice after cyclophosphamide administration. <i>International Journal of Immunopharmacology</i> , 1996, 18, 289-294.	1.1	2
100	Effect of sciatic denervation on cell-mediated immunity. <i>International Journal of Immunopharmacology</i> , 1997, 19, 25-29.	1.1	2
101	Suppressive effect of TRH and antidepressants on human interferon- $\gamma$ production in vitro. <i>Acta Neuropsychiatrica</i> , 2002, 14, 226-230.	2.1	2
102	No borna disease virus-specific RNA detected in blood of race horses and jockeys. <i>Acta Neuropsychiatrica</i> , 2006, 18, 177-180.	2.1	2