

Robert Dantzer

List of Publications by Year in descending order

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341
papers

38,257
citations

2802

94
h-index

3261

185
g-index

356
all docs

356
docs citations

356
times ranked

26880
citing authors

#	ARTICLE	IF	CITATIONS
1	From inflammation to sickness and depression: when the immune system subjugates the brain. <i>Nature Reviews Neuroscience</i> , 2008, 9, 46-56.	10.2	5,599
2	Twenty years of research on cytokine-induced sickness behavior. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 153-160.	4.1	1,125
3	Lipopolysaccharide-induced depressive-like behavior is mediated by indoleamine 2,3-dioxygenase activation in mice. <i>Molecular Psychiatry</i> , 2009, 14, 511-522.	7.9	1,084
4	Cytokine-induced sickness behaviour: mechanisms and implications. <i>Trends in Neurosciences</i> , 2002, 25, 154-159.	8.6	843
5	Sickness behavior as a new target for drug development. <i>Trends in Pharmacological Sciences</i> , 1992, 13, 24-28.	8.7	766
6	Cytokine-Induced Sickness Behavior: Where Do We Stand?. <i>Brain, Behavior, and Immunity</i> , 2001, 15, 7-24.	4.1	726
7	Cytokine-Induced Sickness Behavior: Mechanisms and Implications. <i>Annals of the New York Academy of Sciences</i> , 2001, 933, 222-234.	3.8	671
8	Inflammation-associated depression: From serotonin to kynurenine. <i>Psychoneuroendocrinology</i> , 2011, 36, 426-436.	2.7	626
9	Neuroimmune Interactions: From the Brain to the Immune System and Vice Versa. <i>Physiological Reviews</i> , 2018, 98, 477-504.	28.8	613
10	Cytokine, Sickness Behavior, and Depression. <i>Immunology and Allergy Clinics of North America</i> , 2009, 29, 247-264.	1.9	606
11	Cytokine-induced sickness behaviour: a neuroimmune response to activation of innate immunity. <i>European Journal of Pharmacology</i> , 2004, 500, 399-411.	3.5	600
12	Cytokine-induced sickness behavior. <i>Brain, Behavior, and Immunity</i> , 2003, 17, 112-118.	4.1	597
13	CSF concentrations of brain tryptophan and kynurenines during immune stimulation with IFN- γ : relationship to CNS immune responses and depression. <i>Molecular Psychiatry</i> , 2010, 15, 393-403.	7.9	546
14	Stress and immunity: An integrated view of relationships between the brain and the immune system. <i>Life Sciences</i> , 1989, 44, 1995-2008.	4.3	461
15	Are the symptoms of cancer and cancer treatment due to a shared biologic mechanism?. <i>Cancer</i> , 2003, 97, 2919-2925.	4.1	460
16	Peripheral administration of lipopolysaccharide induces the expression of cytokine transcripts in the brain and pituitary of mice. <i>Molecular Brain Research</i> , 1994, 27, 157-162.	2.3	459
17	Interferon- β and Tumor Necrosis Factor- α Mediate the Upregulation of Indoleamine 2,3-Dioxygenase and the Induction of Depressive-Like Behavior in Mice in Response to <i>Bacillus Calmette-Guérin</i> . <i>Journal of Neuroscience</i> , 2009, 29, 4200-4209.	3.6	441
18	Lipopolysaccharide induces delayed FosB/DeltaFosB immunostaining within the mouse extended amygdala, hippocampus and hypothalamus, that parallel the expression of depressive-like behavior. <i>Psychoneuroendocrinology</i> , 2007, 32, 516-531.	2.7	381

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19	Stress in Farm Animals: A Need for Reevaluation. <i>Journal of Animal Science</i> , 1983, 57, 6-18.	0.5	376
20	NMDA Receptor Blockade by Ketamine Abrogates Lipopolysaccharide-Induced Depressive-Like Behavior in C57BL/6J Mice. <i>Neuropsychopharmacology</i> , 2013, 38, 1609-1616.	5.4	374
21	Interleukin-10 in the Brain. <i>Critical Reviews in Immunology</i> , 2001, 21, 23.	0.5	321
22	Neural and humoral pathways of communication from the immune system to the brain: parallel or convergent?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2000, 85, 60-65.	2.8	312
23	Induction of IDO by Bacille Calmette-Guèrin Is Responsible for Development of Murine Depressive-Like Behavior. <i>Journal of Immunology</i> , 2009, 182, 3202-3212.	0.8	279
24	Septal vasopressin modulates social memory in male rats. <i>Brain Research</i> , 1988, 457, 143-147.	2.2	278
25	Effects of interleukin-1 receptor antagonist on the behavioral effects of lipopolysaccharide in rat. <i>Brain Research</i> , 1992, 573, 318-320.	2.2	271
26	Early Depressive Symptoms in Cancer Patients Receiving Interleukin 2 and/or Interferon Alfa-2b Therapy. <i>Journal of Clinical Oncology</i> , 2000, 18, 2143-2151.	1.6	270
27	Cytokine, Sickness Behavior, and Depression. <i>Neurologic Clinics</i> , 2006, 24, 441-460.	1.8	269
28	Aging Exacerbates Depressive-like Behavior in Mice in Response to Activation of the Peripheral Innate Immune System. <i>Neuropsychopharmacology</i> , 2008, 33, 2341-2351.	5.4	267
29	A Cytokine-Based Neuroimmunologic Mechanism of Cancer-Related Symptoms. <i>NeuroImmunoModulation</i> , 2004, 11, 279-292.	1.8	266
30	The neuroimmune basis of fatigue. <i>Trends in Neurosciences</i> , 2014, 37, 39-46.	8.6	254
31	Cytokines and depression: The need for a new paradigm. <i>Brain, Behavior, and Immunity</i> , 2003, 17, 119-124.	4.1	241
32	Symposium on "Indices to Measure Animal Well-Being". <i>Journal of Animal Science</i> , 1986, 62, 1776-1786.	0.5	237
33	Cytokines and Sickness Behavior. <i>Annals of the New York Academy of Sciences</i> , 1998, 840, 586-590.	3.8	237
34	Molecular Basis of Sickness Behavior. <i>Annals of the New York Academy of Sciences</i> , 1998, 856, 132-138.	3.8	227
35	Temporal and spatial relationships between lipopolysaccharide-induced expression of fos, interleukin-1 β and inducible nitric oxide synthase in rat brain. <i>Neuroscience</i> , 1999, 89, 535-548.	2.3	220
36	Baseline mood and psychosocial characteristics of patients developing depressive symptoms during interleukin-2 and/or interferon-alpha cancer therapy. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 205-213.	4.1	217

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37	Lipopolysaccharide and Interleukin-1 Depress Food-Motivated Behavior in Mice by a Vagal-Mediated Mechanism. <i>Brain, Behavior, and Immunity</i> , 1995, 9, 242-246.	4.1	205
38	Role of IL-6 in cytokine-induced sickness behavior a study with IL-6 deficient mice. <i>Physiology and Behavior</i> , 2000, 70, 367-373.	2.1	204
39	Regulation of IGF-I function by proinflammatory cytokines: At the interface of immunology and endocrinology. <i>Cellular Immunology</i> , 2008, 252, 91-110.	3.0	202
40	Putative Neuroprotective and Neurotoxic Kynurenine Pathway Metabolites Are Associated with Hippocampal and Amygdalar Volumes in Subjects with Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 463-471.	5.4	199
41	The vagus nerve mediates behavioural depression, but not fever, in response to peripheral immune signals; a functional anatomical analysis. <i>European Journal of Neuroscience</i> , 2000, 12, 4434-4446.	2.6	197
42	A new concept in neurodegeneration: TNF α is a silencer of survival signals. <i>Trends in Neurosciences</i> , 2000, 23, 175-180.	8.6	195
43	A new mechanism of neurodegeneration: A proinflammatory cytokine inhibits receptor signaling by a survival peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 9879-9884.	7.1	189
44	Social factors and individual vulnerability to chronic stress exposure. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 67-81.	6.1	188
45	Social and individual recognition in rodents: Methodological aspects and neurobiological bases. <i>Behavioural Processes</i> , 1994, 33, 59-87.	1.1	187
46	Endogenous brain IL-1 mediates LPS-induced anorexia and hypothalamic cytokine expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R93-R98.	1.8	187
47	Association between immune activation and early depressive symptoms in cancer patients treated with interleukin-2-based therapy. <i>Psychoneuroendocrinology</i> , 2001, 26, 797-808.	2.7	182
48	Synergy between tumor necrosis factor α and interleukin-1 in the induction of sickness behavior in mice. <i>Psychoneuroendocrinology</i> , 1994, 19, 197-207.	2.7	180
49	Differential Effects of Lipopolysaccharide on Pup Retrieving and Nest Building in Lactating Mice. <i>Brain, Behavior, and Immunity</i> , 1997, 11, 107-118.	4.1	175
50	Cancer exosomes induce tumor innervation. <i>Nature Communications</i> , 2018, 9, 4284.	12.8	169
51	Role of the Kynurenine Metabolism Pathway in Inflammation-Induced Depression: Preclinical Approaches. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 31, 117-138.	1.7	168
52	Fractalkine receptor (CX3CR1) deficiency sensitizes mice to the behavioral changes induced by lipopolysaccharide. <i>Journal of Neuroinflammation</i> , 2010, 7, 93.	7.2	166
53	Central injection of IL-10 antagonizes the behavioural effects of lipopolysaccharide in rats. <i>Psychoneuroendocrinology</i> , 1999, 24, 301-311.	2.7	162
54	Reduction of kynurenic acid to quinolinic acid ratio in both the depressed and remitted phases of major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 55-59.	4.1	162

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55	Androgen-dependent vasopressinergic neurons are involved in social recognition in rats. <i>Brain Research</i> , 1990, 519, 150-157.	2.2	159
56	In Vivo and in Vitro Evidence for the Involvement of Tumor Necrosis Factor- α in the Induction of Leptin by Lipopolysaccharide*. <i>Endocrinology</i> , 1998, 139, 2278-2283.	2.8	159
57	Resilience and immunity. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 28-42.	4.1	143
58	Inoculation of Bacillus Calmette-Guerin to mice induces an acute episode of sickness behavior followed by chronic depressive-like behavior. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1087-1095.	4.1	142
59	Vagotomy blocks behavioural effects of interleukin-1 injected via the intraperitoneal route but not via other systemic routes. <i>NeuroReport</i> , 1996, 7, 2823.	1.2	140
60	Social recognition does not involve vasopressinergic neurotransmission in female rats. <i>Brain Research</i> , 1990, 535, 301-304.	2.2	139
61	Vagotomy attenuates behavioural effects of interleukin-1 injected peripherally but not centrally. <i>NeuroReport</i> , 1996, 7, 1485-1488.	1.2	139
62	Mood Alterations During Interferon-Alfa Therapy in Patients With Chronic Hepatitis C. <i>Journal of Clinical Psychiatry</i> , 2005, 66, 1050-1057.	2.2	139
63	Behavioural effects of peripherally injected interleukin-1: role of prostaglandins. <i>Brain Research</i> , 1991, 542, 330-335.	2.2	136
64	Relationship between neurotoxic kynurenine metabolites and reductions in right medial prefrontal cortical thickness in major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 39-48.	4.1	136
65	Is there a role for immune-to-brain communication in schizophrenia?. <i>Psychopharmacology</i> , 2016, 233, 1559-1573.	3.1	134
66	Mechanisms of chemotherapy-induced behavioral toxicities. <i>Frontiers in Neuroscience</i> , 2015, 9, 131.	2.8	133
67	Timing and Specificity of the Cognitive Changes Induced by Interleukin-2 and Interferon- α Treatments in Cancer Patients. <i>Psychosomatic Medicine</i> , 2001, 63, 376-386.	2.0	132
68	Expression of type I and type II interleukin-1 receptors in mouse brain. <i>Molecular Brain Research</i> , 1994, 27, 63-70.	2.3	130
69	Central administration of insulin-like growth factor-I decreases depressive-like behavior and brain cytokine expression in mice. <i>Journal of Neuroinflammation</i> , 2011, 8, 12.	7.2	127
70	Chronic treatment with the atypical antidepressant tianeptine attenuates sickness behavior induced by peripheral but not central lipopolysaccharide and interleukin-1 β in the rat. <i>Psychopharmacology</i> , 2001, 154, 50-60.	3.1	125
71	Inflammation Models of Depression in Rodents: Relevance to Psychotropic Drug Discovery. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw028.	2.1	124
72	Expression and regulation of interleukin-1 receptors in the brain. Role in cytokines-induced sickness behavior. <i>Journal of Neuroimmunology</i> , 2002, 125, 5-14.	2.3	123

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73	Adrenalectomy enhances pro-inflammatory cytokines gene expression, in the spleen, pituitary and brain of mice in response to lipopolysaccharide. <i>Molecular Brain Research</i> , 1996, 36, 53-62.	2.3	121
74	Behavioural evidence for partial agonist properties of RO 15-1788, a benzodiazepine receptor antagonist. <i>European Journal of Pharmacology</i> , 1982, 81, 655-658.	3.5	120
75	Inactivation of the Cerebral NF κ B Pathway Inhibits Interleukin-1 β -Induced Sickness Behavior and c-Fos Expression in Various Brain Nuclei. <i>Neuropsychopharmacology</i> , 2005, 30, 1492-1499.	5.4	118
76	Leucine competes with kynurenine for blood-to-brain transport and prevents lipopolysaccharide-induced depression-like behavior in mice. <i>Molecular Psychiatry</i> , 2019, 24, 1523-1532.	7.9	118
77	Indoleamine 2,3-dioxygenase inhibition attenuates lipopolysaccharide induced persistent microglial activation and depressive-like complications in fractalkine receptor (CX3CR1)-deficient mice. <i>Brain, Behavior, and Immunity</i> , 2013, 31, 134-142.	4.1	117
78	Alcoholism and inflammation: Neuroimmunology of behavioral and mood disorders. <i>Brain, Behavior, and Immunity</i> , 2011, 25, S13-S20.	4.1	115
79	Translational approaches to treatment-induced symptoms in cancer patients. <i>Nature Reviews Clinical Oncology</i> , 2012, 9, 414-426.	27.6	115
80	Is there a role for glutamate-mediated excitotoxicity in inflammation-induced depression?. <i>Journal of Neural Transmission</i> , 2014, 121, 925-932.	2.8	114
81	Intracerebroventricular administration of lipopolysaccharide induces indoleamine-2,3-dioxygenase-dependent depression-like behaviors. <i>Journal of Neuroinflammation</i> , 2013, 10, 87.	7.2	109
82	Role of interleukin-1beta and tumour necrosis factor-alpha in lipopolysaccharide-induced sickness behaviour: a study with interleukin-1 type I receptor-deficient mice. <i>European Journal of Neuroscience</i> , 2000, 12, 4447-4456.	2.6	109
83	The High Costs of Low-Grade Inflammation: Persistent Fatigue as a Consequence of Reduced Cellular-Energy Availability and Non-adaptive Energy Expenditure. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 78.	2.0	108
84	Expression and localization of p80 and p68 interleukin-1 receptor proteins in the brain of adult mice. <i>Journal of Neuroimmunology</i> , 1999, 93, 194-202.	2.3	107
85	Neuroprotective kynurenine metabolite indices are abnormally reduced and positively associated with hippocampal and amygdalar volume in bipolar disorder. <i>Psychoneuroendocrinology</i> , 2015, 52, 200-211.	2.7	106
86	Somatization: A psychoneuroimmune perspective. <i>Psychoneuroendocrinology</i> , 2005, 30, 947-952.	2.7	105
87	Central Administration of Lipopolysaccharide Induces Depressive-like Behavior in Vivo and Activates Brain Indoleamine 2,3 Dioxygenase In Murine Organotypic Hippocampal Slice Cultures. <i>Journal of Neuroinflammation</i> , 2010, 7, 43.	7.2	105
88	Spatio-temporal differences in the profile of murine brain expression of proinflammatory cytokines and indoleamine 2,3-dioxygenase in response to peripheral lipopolysaccharide administration. <i>Journal of Neuroimmunology</i> , 2008, 200, 90-99.	2.3	104
89	IL-1 β Impairs Insulin-Like Growth Factor I-Induced Differentiation and Downstream Activation Signals of the Insulin-Like Growth Factor I Receptor in Myoblasts. <i>Journal of Immunology</i> , 2004, 172, 7713-7720.	0.8	102
90	Stress Downregulates Lipopolysaccharide-Induced Expression of Proinflammatory Cytokines in the Spleen, Pituitary, and Brain of Mice. <i>Brain, Behavior, and Immunity</i> , 1995, 9, 292-303.	4.1	101

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91	Influence of stressor predictability and behavioral control on lymphocyte reactivity, antibody responses and neuroendocrine activation in rats. <i>Physiology and Behavior</i> , 1988, 43, 577-583.	2.1	99
92	Proinflammatory Cytokine Impairment of Insulin-Like Growth Factor I-Induced Protein Synthesis in Skeletal Muscle Myoblasts Requires Ceramide. <i>Endocrinology</i> , 2004, 145, 4592-4602.	2.8	99
93	Depression and Inflammation: An Intricate Relationship. <i>Biological Psychiatry</i> , 2012, 71, 4-5.	1.3	99
94	Cytokine-Hormone Interactions: Tumor Necrosis Factor α Impairs Biologic Activity and Downstream Activation Signals of the Insulin-Like Growth Factor I Receptor in Myoblasts. <i>Endocrinology</i> , 2003, 144, 2988-2996.	2.8	98
95	Vagotomy attenuates the behavioural but not the pyrogenic effects of interleukin-1 in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2000, 85, 127-132.	2.8	97
96	Sickness behavior in birds caused by peripheral or central injection of endotoxin. <i>Physiology and Behavior</i> , 1993, 53, 343-348.	2.1	96
97	Lipopolysaccharide Alters Motivated Behavior in a Monetary Reward Task: a Randomized Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 801-810.	5.4	96
98	Bacille Calmette-Guérin Inoculation Induces Chronic Activation of Peripheral and Brain Indoleamine 2,3-Dioxygenase in Mice. <i>Journal of Infectious Diseases</i> , 2005, 192, 537-544.	4.0	95
99	In vitro and in vivo evidence for a role of the P2X7 receptor in the release of IL-1 β in the murine brain. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 234-244.	4.1	95
100	Interleukin-1 induces conditioned taste aversion in rats: a possible explanation for its pituitary-adrenal stimulating activity. <i>Brain Research</i> , 1988, 473, 369-371.	2.2	94
101	Behavioral effects of peripheral administration of arginine vasopressin: a review of our search for a mode of action and a hypothesis. <i>Psychoneuroendocrinology</i> , 1984, 9, 319-341.	2.7	93
102	Central and peripheral prostaglandins are involved in sickness behavior in birds. <i>Physiology and Behavior</i> , 1993, 53, 127-131.	2.1	92
103	Role of Kynurenine pathway and its metabolites in mood disorders: A systematic review and meta-analysis of clinical studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 477-485.	6.1	90
104	Hypophysectomy Inhibits the Synthesis of Tumor Necrosis Factor α by Rat Macrophages: Partial Restoration by Exogenous Growth Hormone or Interferon γ . <i>Endocrinology</i> , 1991, 128, 989-996.	2.8	89
105	Pifithrin- α Prevents Cisplatin-Induced Chemobrain by Preserving Neuronal Mitochondrial Function. <i>Cancer Research</i> , 2017, 77, 742-752.	0.9	89
106	Mechanisms of poststroke fatigue. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 287-293.	1.9	86
107	Uncoupling of interleukin-6 from its signalling pathway by dietary n-3 polyunsaturated fatty acid deprivation alters sickness behaviour in mice. <i>European Journal of Neuroscience</i> , 2008, 28, 1877-1886.	2.6	85
108	Microglial/macrophage GRK2 determines duration of peripheral IL-1 β -induced hyperalgesia: Contribution of spinal cord CX3CR1, p38 and IL-1 signaling. <i>Pain</i> , 2010, 150, 550-560.	4.2	85

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109	Low Nociceptor GRK2 Prolongs Prostaglandin E ₂ Hyperalgesia via Biased cAMP Signaling to Epac/Rap1, Protein Kinase C β , and MEK/ERK. <i>Journal of Neuroscience</i> , 2010, 30, 12806-12815.	3.6	85
110	Reduction in food and water intake induced by microinjection of interleukin-1 β in the ventromedial hypothalamus of the rat. <i>Physiology and Behavior</i> , 1994, 56, 1031-1036.	2.1	84
111	Resolution of inflammation-induced depression requires T lymphocytes and endogenous brain interleukin-10 signaling. <i>Neuropsychopharmacology</i> , 2018, 43, 2597-2605.	5.4	83
112	Interleukin-6 as potential mediator of long-term neuropsychiatric symptoms of COVID-19. <i>Psychoneuroendocrinology</i> , 2021, 131, 105295.	2.7	83
113	Androgen-dependent vasopressinergic neurotransmission attenuates interleukin-1-induced sickness behavior. <i>Brain Research</i> , 1991, 557, 115-120.	2.2	82
114	IL-1 β -Mediated Innate Immunity Is Amplified in the <i>db/db</i> Mouse Model of Type 2 Diabetes. <i>Journal of Immunology</i> , 2005, 174, 4991-4997.	0.8	82
115	Effect of immune activation on the kynurenine pathway and depression symptoms – A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 514-523.	6.1	82
116	Mechanisms of the Behavioural Effects of Cytokines. <i>Advances in Experimental Medicine and Biology</i> , 1999, 461, 83-105.	1.6	81
117	Intracerebroventricular administration of HIV-1 Tat induces brain cytokine and indoleamine 2,3-dioxygenase expression: A possible mechanism for AIDS comorbid depression. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1569-1575.	4.1	81
118	Activation of the kynurenine pathway is associated with striatal volume in major depressive disorder. <i>Psychoneuroendocrinology</i> , 2015, 62, 54-58.	2.7	80
119	Exercise, inflammation, and fatigue in cancer survivors. <i>Exercise Immunology Review</i> , 2016, 22, 82-93.	0.4	80
120	Differential effects of IL-1ra on sickness behavior and weight loss induced by IL-1 in rats. <i>Brain Research</i> , 1995, 677, 171-176.	2.2	79
121	Innate immunity at the forefront of psychoneuroimmunology. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 1-6.	4.1	79
122	Growth Hormone, Growth Factors and Hematopoiesis. <i>Hormone Research</i> , 1996, 45, 38-45.	1.8	78
123	Central mediation of the effects of interleukin-1 on social exploration and body weight in mice. <i>Psychoneuroendocrinology</i> , 1997, 22, 1-11.	2.7	78
124	Age-Associated Loss of Bone Marrow Hematopoietic Cells Is Reversed by GH and Accompanies Thymic Reconstitution. <i>Endocrinology</i> , 2002, 143, 690-699.	2.8	78
125	Stress, stereotypes and welfare. <i>Behavioural Processes</i> , 1991, 25, 95-102.	1.1	77
126	Chronic psychosocial stress down-regulates central cytokines mRNA. <i>Brain Research Bulletin</i> , 2003, 62, 173-178.	3.0	77

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127	Nuclear factor $\hat{\nu}$ B nuclear translocation as a crucial marker of brain response to interleukin-1. A study in rat and interleukin-1 type I deficient mouse. <i>Journal of Neurochemistry</i> , 2004, 87, 1024-1036.	3.9	76
128	A Biological Substrate for Somatoform Disorders: Importance of Pathophysiology. <i>Psychosomatic Medicine</i> , 2007, 69, 850-854.	2.0	76
129	Individually distinctive odours represent individual conspecifics in rats. <i>Animal Behaviour</i> , 1997, 53, 935-944.	1.9	74
130	NF $\hat{\nu}$ B Activates <i>in vivo</i> the Synthesis of Inducible Cox-2 in the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1047-1059.	4.3	73
131	LPS-induced indoleamine 2,3-dioxygenase is regulated in an interferon- $\hat{\nu}$ 3-independent manner by a JNK signaling pathway in primary murine microglia. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 201-209.	4.1	72
132	Immune-based strategies for mood disorders: facts and challenges. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 139-152.	2.8	72
133	Interleukin-1 mediates behavioural but not metabolic effects of tumor necrosis factor $\hat{\nu}$ 1 in mice. <i>European Journal of Pharmacology</i> , 1991, 209, 281-283.	3.5	70
134	Cytokines, Stress, and Depression. <i>Advances in Experimental Medicine and Biology</i> , 1999, 461, 317-329.	1.6	68
135	IL-10 promotes survival of microglia without activating Akt. <i>Journal of Neuroimmunology</i> , 2002, 122, 9-19.	2.3	68
136	De-arousal properties of stereotyped behaviour: Evidence from pituitary-Adrenal correlates in pigs. <i>Applied Animal Ethology</i> , 1983, 10, 233-244.	0.5	66
137	How the immune and nervous systems interact during disease-associated anorexia. <i>Nutrition</i> , 2001, 17, 664-668.	2.4	66
138	Effects of insulin-like growth factor-I on cytokine-induced sickness behavior in mice. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 57-63.	4.1	66
139	Anti-NR1 N-terminal-domain vaccination unmasks the crucial action of tPA on NMDA-receptor-mediated toxicity and spatial memory. <i>Journal of Cell Science</i> , 2007, 120, 578-585.	2.0	66
140	Lipopolysaccharide Reduces Incentive Motivation While Boosting Preference for High Reward in Mice. <i>Neuropsychopharmacology</i> , 2014, 39, 2884-2890.	5.4	66
141	Kynurenine pathway metabolites are associated with hippocampal activity during autobiographical memory recall in patients with depression. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 335-342.	4.1	65
142	Rat microglial cells secrete predominantly the precursor of interleukin-1 $\hat{\nu}$ 2 in response to lipopolysaccharide. <i>European Journal of Neuroscience</i> , 2001, 14, 609-617.	2.6	64
143	Time-course of the expression of inflammatory cytokines and matrix metalloproteinases in the striatum and mesencephalon of mice injected with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, a dopaminergic neurotoxin. <i>Neuroscience Letters</i> , 2003, 349, 191-195.	2.1	64
144	Pituitary-adrenal consequences of adjunctive activities in pigs. <i>Hormones and Behavior</i> , 1981, 15, 386-395.	2.1	63

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145	Effects of lipopolysaccharide on food-motivated behavior in the rat are not blocked by an interleukin-1 receptor antagonist. <i>Neuroscience Letters</i> , 1992, 145, 83-86.	2.1	62
146	Regulation of Myeloid Growth and Differentiation by the Insulin-Like Growth Factor I Receptor1. <i>Endocrinology</i> , 1997, 138, 362-368.	2.8	62
147	Voluntary Wheel Running Reverses Age-Induced Changes in Hippocampal Gene Expression. <i>PLoS ONE</i> , 2011, 6, e22654.	2.5	61
148	Upregulation of neuronal kynurenine 3-monooxygenase mediates depression-like behavior in a mouse model of neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 94-102.	4.1	60
149	Compared effects of cold ambient temperature and cytokines on macronutrient intake in rats. <i>Physiology and Behavior</i> , 1995, 57, 869-873.	2.1	59
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