

Lenin Pavon

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,827
citations

236612

25
h-index

182168

51
g-index

96
all docs

96
docs citations

96
times ranked

4331
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune variations in bipolar disorder: phasic differences. <i>Bipolar Disorders</i> , 2007, 9, 596-602.	1.1	225
2	Correlation between the kinetics of Th1, Th2 cells and pathology in a murine model of experimental pulmonary tuberculosis. <i>Immunology</i> , 1996, 89, 26-33.	2.0	205
3	CXCR5+ T helper cells mediate protective immunity against tuberculosis. <i>Journal of Clinical Investigation</i> , 2013, 123, 712-26.	3.9	203
4	The Bidirectional Relationship between Sleep and Immunity against Infections. <i>Journal of Immunology Research</i> , 2015, 2015, 1-14.	0.9	147
5	Pathogenesis of tuberculosis in mice exposed to low and high doses of an environmental mycobacterial saprophyte before infection. <i>Infection and Immunity</i> , 1997, 65, 3317-3327.	1.0	134
6	Immunomodulatory Effects Mediated by Serotonin. <i>Journal of Immunology Research</i> , 2015, 2015, 1-21.	0.9	124
7	Th2 cytokine response in Major Depressive Disorder patients before treatment. <i>Journal of Neuroimmunology</i> , 2006, 172, 156-165.	1.1	123
8	Variations in circulating cytokine levels during 52-week course of treatment with SSRI for major depressive disorder. <i>European Neuropsychopharmacology</i> , 2008, 18, 917-924.	0.3	117
9	IL-8 and IL-6 primarily mediate the inflammatory response in fibromyalgia patients. <i>Journal of Neuroimmunology</i> , 2016, 290, 22-25.	1.1	105
10	Immunomodulatory Effects Mediated by Dopamine. <i>Journal of Immunology Research</i> , 2016, 2016, 1-31.	0.9	96
11	The effects of androstenediol and dehydroepiandrosterone on the course and cytokine profile of tuberculosis in BALB/c mice. <i>Immunology</i> , 1998, 95, 234-241.	2.0	95
12	Blood-Brain Barrier Disruption Induced by Chronic Sleep Loss: Low-Grade Inflammation May Be the Link. <i>Journal of Immunology Research</i> , 2016, 2016, 1-15.	0.9	87
13	Sleep Loss as a Factor to Induce Cellular and Molecular Inflammatory Variations. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-14.	3.3	83
14	Neurotensin-polyplex-mediated brain-derived neurotrophic factor gene delivery into nigral dopamine neurons prevents nigrostriatal degeneration in a rat model of early Parkinson's disease. <i>Journal of Biomedical Science</i> , 2015, 22, 59.	2.6	54
15	Evaluation of the effect of selective serotonin-reuptake inhibitors on lymphocyte subsets in patients with a major depressive disorder. <i>European Neuropsychopharmacology</i> , 2010, 20, 88-95.	0.3	51
16	Effect of Selective Serotonin Reuptake Inhibitors and Immunomodulator on Cytokines Levels: An Alternative Therapy for Patients with Major Depressive Disorder. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-11.	3.3	45
17	Proinflammatory cytokine levels in fibromyalgia patients are independent of body mass index. <i>BMC Research Notes</i> , 2010, 3, 156.	0.6	44
18	The yin/yang of inflammatory status: Blood-brain barrier regulation during sleep. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 154-166.	2.0	39

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19	Inflammatory Profiles in Depressed Adolescents Treated with Fluoxetine: An 8-Week Follow-up Open Study. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	1.4	39
20	Expression of IL-8, IL-6 and IL-1 β in Tears as a Main Characteristic of the Immune Response in Human Microbial Keratitis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4850-4864.	1.8	36
21	Interactions between hormone-mediated and vaccine-mediated immunotherapy for pulmonary tuberculosis in BALB/c mice. <i>Immunology</i> , 2000, 100, 391-398.	2.0	32
22	Treatment with BB-94, a broad spectrum inhibitor of zinc-dependent metalloproteinases, causes deviation of the cytokine profile towards Type-2 in experimental pulmonary tuberculosis in Balb/c mice. <i>International Journal of Experimental Pathology</i> , 2001, 81, 199-209.	0.6	32
23	Increase in nitric oxide levels and mitochondrial membrane potential in platelets of untreated patients with major depression. <i>Psychiatry Research</i> , 2013, 209, 447-452.	1.7	32
24	Batch-to-batch reproducibility of Transferon α , β . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 289-294.	1.4	31
25	Chronic Stress Induces Structural Alterations in Splenic Lymphoid Tissue That Are Associated with Changes in Corticosterone Levels in Wistar-Kyoto Rats. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	29
26	A helminth cestode parasite express an estrogen-binding protein resembling a classic nuclear estrogen receptor. <i>Steroids</i> , 2011, 76, 1149-1159.	0.8	26
27	Sex Steroids Effects on the Molting Process of the Helminth Human Parasite <i>Trichinella spiralis</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10.	3.0	26
28	Alterations in the Levels of Growth Factors in Adolescents with Major Depressive Disorder: A Longitudinal Study during the Treatment with Fluoxetine. <i>Mediators of Inflammation</i> , 2019, 2019, 1-7.	1.4	26
29	Safety of the intravenous administration of neurotensin-polyplex nanoparticles in BALB/c mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 745-754.	1.7	25
30	Emergent immunoregulatory properties of combined glucocorticoid and anti-glucocorticoid steroids in a model of tuberculosis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1998, 91, 755-766.	0.2	23
31	Sleep Deprivation Induces Changes in Immunity in <i>Trichinella spiralis</i> -Infected Rats. <i>International Journal of Biological Sciences</i> , 2015, 11, 901-912.	2.6	23
32	Process signatures in glatiramer acetate synthesis: structural and functional relationships. <i>Scientific Reports</i> , 2017, 7, 12125.	1.6	22
33	Immunoendocrine Peripheral Effects Induced by Atypical Antipsychotics. <i>Frontiers in Endocrinology</i> , 2020, 11, 195.	1.5	22
34	Chronic Deep Brain Stimulation of the Hypothalamic Nucleus in Wistar Rats Alters Circulatory Levels of Corticosterone and Proinflammatory Cytokines. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	20
35	Helminth Infection Alters Mood and Short-Term Memory as well as Levels of Neurotransmitters and Cytokines in the Mouse Hippocampus. <i>NeuroImmunoModulation</i> , 2014, 21, 195-205.	0.9	19
36	Effects of diazinon on the lymphocytic cholinergic system of Nile tilapia fish (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (0.5	19

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37	Determination of Peptide Profile Consistency and Safety of Collagen Hydrolysates as Quality Attributes. <i>Journal of Food Science</i> , 2019, 84, 430-439.	1.5	19
38	Oxidative damage in gills and liver in Nile tilapia (<i>Oreochromis niloticus</i>) exposed to diazinon. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 200, 3-8.	0.8	18
39	The contribution of the sympathetic nervous system to the immunopathology of experimental pulmonary tuberculosis. <i>Journal of Neuroimmunology</i> , 2016, 298, 98-105.	1.1	17
40	CD80 Expression Correlates with IL-6 Production in THP-1-Like Macrophages Costimulated with LPS and Dialyzable Leukocyte Extract (Transferon®). <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	0.9	17
41	Women Serum Concentrations of the IL-10 Family of Cytokines and IFN- γ ; Decrease from the Third Trimester of Pregnancy to Active Labor. <i>NeuroImmunoModulation</i> , 2017, 24, 162-170.	0.9	16
42	Serum levels of chemokines in adolescents with major depression treated with fluoxetine. <i>World Journal of Psychiatry</i> , 2020, 10, 175-186.	1.3	16
43	Ultrastructural changes and immunolocalization of P-selectin in platelets from patients with major depression. <i>Psychiatry Research</i> , 2010, 176, 179-182.	1.7	15
44	Experimental Pulmonary Tuberculosis in the Absence of Detectable Brain Infection Induces Neuroinflammation and Behavioural Abnormalities in Male BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9483.	1.8	15
45	Endomorphin 1 and endomorphin 2 suppress in vitro antibody formation at ultra-low concentrations: Anti-peptide antibodies but not opioid antagonists block the activity. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 824-832.	2.0	14
46	Gender-Associated Differential Expression of Cytokines in Specific Areas of the Brain During Helminth Infection. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 116-125.	0.5	13
47	Identity Profiling of Complex Mixtures of Peptide Products by Structural and Mass Mobility Orthogonal Analysis. <i>Analytical Chemistry</i> , 2019, 91, 14392-14400.	3.2	13
48	Herpes Murine Model as a Biological Assay to Test Dialyzable Leukocyte Extracts Activity. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	12
49	The dialyzable leukocyte extract Transferon™ inhibits tumor growth and brain metastasis in a murine model of prostate cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 938-944.	2.5	12
50	Neuroautonomic activity evidences parturition as a complex and integrated neuro-immune-endocrine process. <i>Annals of the New York Academy of Sciences</i> , 2019, 1437, 22-30.	1.8	12
51	Is there an association between fibromyalgia and below-normal levels of urinary cortisol?. <i>BMC Research Notes</i> , 2008, 1, 134.	0.6	11
52	Physicochemical Characteristics of Transferon® Batches. <i>BioMed Research International</i> , 2016, 2016, 1-8.	0.9	10
53	Chronic infection with <i>Mycobacterium lepraemurium</i> induces alterations in the hippocampus associated with memory loss. <i>Scientific Reports</i> , 2018, 8, 9063.	1.6	9
54	Modulation of the extraneuronal cholinergic system on main innate response leukocytes. <i>Journal of Neuroimmunology</i> , 2019, 327, 22-35.	1.1	9

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55	Comparison of fetal heart rate variability by symbolic dynamics at the third trimester of pregnancy and low-risk parturition. <i>Heliyon</i> , 2020, 6, e03485.	1.4	9
56	Increased survival in puppies affected by Canine Parvovirus type II using an immunomodulator as a therapeutic aid. <i>Scientific Reports</i> , 2021, 11, 19864.	1.6	9
57	Development and validation of a mass spectrometric method to determine the identity of rituximab based on its microheterogeneity profile. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1139, 121885.	1.2	7
58	Sequencing Analysis and Identification of the Primary Peptide Component of the Dialyzable Leukocyte Extract "Transferon Oral" The Starting Point to Understand Its Mechanism of Action. <i>Frontiers in Pharmacology</i> , 2020, 11, 569039.	1.6	7
59	Low-Dose Amphotericin B and Murine Dialyzable Spleen Extracts Protect against Systemic Candidal Infection in Mice. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-7.	3.3	6
60	Cholinergic Activity in Mononuclear Cells of Nile Tilapia (<i>Oreochromis niloticus</i>) Fish. <i>Advances in Neuroimmune Biology</i> , 2014, 5, 229-234.	0.7	6
61	Effect of fresh frozen plasma on the in vitro activation of U937 monocytes: a potential role for the age of blood donors and their underlying cytokine profile. <i>Biological Research</i> , 2017, 50, 42.	1.5	6
62	The Immunoendocrine Network in Breast Cancer. <i>Advances in Neuroimmune Biology</i> , 2014, 5, 109-131.	0.7	5
63	Effect of A549 neuroendocrine differentiation on cytotoxic immune response. <i>Endocrine Connections</i> , 2018, 7, 791-802.	0.8	5
64	Development and validation of a bioassay to evaluate binding of adalimumab to cell membrane-anchored TNF α using flow cytometry detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 235-240.	1.4	5
65	Validation of an ADCC assay using human primary natural killer cells to evaluate biotherapeutic products bearing an Fc region. <i>Journal of Immunological Methods</i> , 2019, 464, 87-94.	0.6	5
66	Quality attributes of partially hydrolyzed collagen in a liquid formulation used for skin care. <i>Journal of Cosmetic Dermatology</i> , 2021, 20, 150-158.	0.8	5
67	Alterations in the non-neuronal cholinergic system induced by in-vitro exposure to diazoxon in spleen mononuclear cells of Nile tilapia (<i>O. niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2021, 108, 134-141.	1.6	5
68	Behavioral and Neurochemical Shifts at the Hippocampus and Frontal Cortex Are Associated to Peripheral Inflammation in Balb/c Mice Infected with <i>Brucella abortus</i> 2308. <i>Microorganisms</i> , 2021, 9, 1937.	1.6	4
69	Screening of SERT and p11 mRNA Levels in Airline Pilots: A Translational Approach. <i>Frontiers in Psychiatry</i> , 2022, 13, 859768.	1.3	4
70	Validation of a Cell Proliferation Assay to Assess the Potency of a Dialyzable Leukocyte Extract Intended for Batch Release. <i>Molecules</i> , 2019, 24, 3426.	1.7	3
71	Development of Functional Antibodies Directed to Human Dialyzable Leukocyte Extract (Transferon \hat{A}). <i>Journal of Immunology Research</i> , 2019, 2019, 1-10.	0.9	3
72	Transferon \hat{A} , a peptide mixture with immunomodulatory properties is not immunogenic when administered with various adjuvants. <i>Journal of Immunotoxicology</i> , 2017, 14, 169-177.	0.9	3

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73	NeuroImmunoEndocrinology: A brief historic narrative. Journal of Leukocyte Biology, 2022, , .	1.5	3
74	Environmental Pollution to Blame for Depressive Disorder?. International Journal of Environmental Research and Public Health, 2022, 19, 1737.	1.2	3
75	Swine Dialyzable Spleen Extract as Antiviral Prophylaxis. Journal of Medicinal Food, 2015, 18, 1239-1246.	0.8	2
76	Associations of Immunological Markers and Anthropometric Measures with Linear and Nonlinear Electrohysterographic Parameters at Term Active Labor. Advances in Neuroimmune Biology, 2018, 7, 17-26.	0.7	2
77	A differential sex-specific pattern of IgG2 and IgG4 subclasses of anti-drug antibodies (ADAs) induced by glatiramer acetate in relapsing-remitting multiple sclerosis patients. Multiple Sclerosis and Related Disorders, 2019, 34, 92-99.	0.9	2
78	Validation of a cell-based colorimetric reporter gene assay for the evaluation of Type I Interferons. Biotechnology Reports (Amsterdam, Netherlands), 2019, 22, e00331.	2.1	2
79	Sexual Dimorphism of the Neuroimmunoendocrine Response in the Spleen during a Helminth Infection: A New Role for an Old Player?. Pathogens, 2022, 11, 308.	1.2	2
80	Clinical and Experimental Immunomodulation. Clinical and Developmental Immunology, 2013, 2013, 1-2.	3.3	1
81	Clinical and Experimental Immunomodulation 2014. Journal of Immunology Research, 2015, 2015, 1-2.	0.9	1
82	Characterization of sleep-pattern and neuro-immune-endocrine markers at 24-hour post-injection of a single low dose of lipopolysaccharide in male Wistar rats. Journal of Neuroimmunology, 2018, 320, 15-18.	1.1	1
83	The Proteomics and Fibromyalgia: A Perspective on the Study of the Inflammatory Response in Fibromyalgia. Medical Research Archives, 2021, 9, .	0.1	1
84	Overview of the Immune System. , 2018, , 1-20.		1
85	Erratum to "Sex Steroids Effects on the Molting Process of the Helminth Human Parasite <i>Trichinella spiralis</i> ", BioMed Research International, 2013, 2013, 1-1.	0.9	0
86	Effects of diazinon on the lymphocytic cholinergic system of Nile tilapia fish (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 222 Td	0.4	0
87	Clinical and Experimental Immunomodulation 2016. Journal of Immunology Research, 2017, 2017, 1-3.	0.9	0
88	Taking advantage of a high-throughput flow cytometer for the implementation of an ADCC assay for regulatory compliance. Biotechnology Reports (Amsterdam, Netherlands), 2020, 26, e00456.	2.1	0
89	Carrageenan-Induced Non-Painful Inflammation Reduces Voluntary Sucrose Consumption in a Two-Bottle Choice Paradigm: A New Model of Inflammation Induced Anhedonia. Journal of Behavioral and Brain Science, 2020, 10, 153-164.	0.2	0