

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	NeuroImmunoEndocrinology: A brief historic narrative. <i>Journal of Leukocyte Biology</i> , 2022, , .	1.5	3
2	Environmental Pollution to Blame for Depressive Disorder?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1737.	1.2	3
3	Sexual Dimorphism of the Neuroimmunoendocrine Response in the Spleen during a Helminth Infection: A New Role for an Old Player?. <i>Pathogens</i> , 2022, 11, 308.	1.2	2
4	Screening of SERT and p11 mRNA Levels in Airline Pilots: A Translational Approach. <i>Frontiers in Psychiatry</i> , 2022, 13, 859768.	1.3	4
5	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
6	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
7	The Proteomics and Fibromyalgia: A Perspective on the Study of the Inflammatory Response in Fibromyalgia. <i>Medical Research Archives</i> , 2021, 9, .	0.1	1
8	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
9	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
10	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
11	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
12	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
13	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
14	Taking advantage of a high-throughput flow cytometer for the implementation of an ADCC assay for regulatory compliance. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 26, e00456.	2.1	0
15	Immunoendocrine Peripheral Effects Induced by Atypical Antipsychotics. <i>Frontiers in Endocrinology</i> , 2020, 11, 195.	1.5	22
16	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
17	Carrageenan-Induced Non-Painful Inflammation Reduces Voluntary Sucrose Consumption in a Two-Bottle Choice Paradigm: A New Model of Inflammation Induced Anhedonia. <i>Journal of Behavioral and Brain Science</i> , 2020, 10, 153-164.	0.2	0
18	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

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19	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
20	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
21	Modulation of the extraneuronal cholinergic system on main innate response leukocytes. <i>Journal of Neuroimmunology</i> , 2019, 327, 22-35.	1.1	9
22	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. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 34, 92-99.	0.9	2
23	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
24	Development of Functional Antibodies Directed to Human Dialyzable Leukocyte Extract (Transferon®). <i>Journal of Immunology Research</i> , 2019, 2019, 1-10.	0.9	3
25	Validation of a cell-based colorimetric reporter gene assay for the evaluation of Type I Interferons. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 22, e00331.	2.1	2
26	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
27	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
28	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
29	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. <i>Journal of Neuroimmunology</i> , 2018, 320, 15-18.	1.1	1
30	Effect of A549 neuroendocrine differentiation on cytotoxic immune response. <i>Endocrine Connections</i> , 2018, 7, 791-802.	0.8	5
31	Development and validation of a bioassay to evaluate binding of adalimumab to cell membrane-anchored TNF± using flow cytometry detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 235-240.	1.4	5
32	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
33	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
34	Associations of Immunological Markers and Anthropometric Measures with Linear and Nonlinear Electrohysterographic Parameters at Term Active Labor. <i>Advances in Neuroimmune Biology</i> , 2018, 7, 17-26.	0.7	2
35	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
36	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

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37	Overview of the Immune System. , 2018, , 1-20.		1
38	Process signatures in glatiramer acetate synthesis: structural and functional relationships. Scientific Reports, 2017, 7, 12125.	1.6	22
39	Women Serum Concentrations of the IL-10 Family of Cytokines and IFN- γ ; Decrease from the Third Trimester of Pregnancy to Active Labor. NeuroImmunoModulation, 2017, 24, 162-170.	0.9	16
40	Clinical and Experimental Immunomodulation 2016. Journal of Immunology Research, 2017, 2017, 1-3.	0.9	0
41	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. Biological Research, 2017, 50, 42.	1.5	6
42	Transferon α , β , a peptide mixture with immunomodulatory properties is not immunogenic when administered with various adjuvants. Journal of Immunotoxicology, 2017, 14, 169-177.	0.9	3
43	Physicochemical Characteristics of Transferon α , β Batches. BioMed Research International, 2016, 2016, 1-8.	0.9	10
44	Immunomodulatory Effects Mediated by Dopamine. Journal of Immunology Research, 2016, 2016, 1-31.	0.9	96
45	Blood-Brain Barrier Disruption Induced by Chronic Sleep Loss: Low-Grade Inflammation May Be the Link. Journal of Immunology Research, 2016, 2016, 1-15.	0.9	87
46	Oxidative damage in gills and liver in Nile tilapia (<i>Oreochromis niloticus</i>) exposed to diazinon. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 200, 3-8.	0.8	18
47	The contribution of the sympathetic nervous system to the immunopathology of experimental pulmonary tuberculosis. Journal of Neuroimmunology, 2016, 298, 98-105.	1.1	17
48	Effects of diazinon on the lymphocytic cholinergic system of Nile tilapia fish (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.4	0
49	Effects of diazinon on the lymphocytic cholinergic system of Nile tilapia fish (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.5	19
50	IL-8 and IL-6 primarily mediate the inflammatory response in fibromyalgia patients. Journal of Neuroimmunology, 2016, 290, 22-25.	1.1	105
51	Sleep Deprivation Induces Changes in Immunity in <i>Trichinella spiralis</i> -Infected Rats. International Journal of Biological Sciences, 2015, 11, 901-912.	2.6	23
52	The Bidirectional Relationship between Sleep and Immunity against Infections. Journal of Immunology Research, 2015, 2015, 1-14.	0.9	147
53	Immunomodulatory Effects Mediated by Serotonin. Journal of Immunology Research, 2015, 2015, 1-21.	0.9	124
54	Clinical and Experimental Immunomodulation 2014. Journal of Immunology Research, 2015, 2015, 1-2.	0.9	1

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55	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
56	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
57	Swine Dialyzable Spleen Extract as Antiviral Prophylaxis. <i>Journal of Medicinal Food</i> , 2015, 18, 1239-1246.	0.8	2
58	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
59	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
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	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
62	Batch-to-batch reproducibility of Transferon α , β . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 289-294.	1.4	31
63	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
64	The Immunoendocrine Network in Breast Cancer. <i>Advances in Neuroimmune Biology</i> , 2014, 5, 109-131.	0.7	5
65	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
66	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
67	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
68	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
69	Clinical and Experimental Immunomodulation. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-2.	3.3	1
70	Erratum to "Sex Steroids Effects on the Molting Process of the Helminth Human Parasite <i>Trichinella spiralis</i> ". <i>BioMed Research International</i> , 2013, 2013, 1-1.	0.9	0
71	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
72	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

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73	CXCR5+ T helper cells mediate protective immunity against tuberculosis. <i>Journal of Clinical Investigation</i> , 2013, 123, 712-26.	3.9	203
74	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
75	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
76	Proinflammatory cytokine levels in fibromyalgia patients are independent of body mass index. <i>BMC Research Notes</i> , 2010, 3, 156.	0.6	44
77	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
78	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
79	Is there an association between fibromyalgia and below-normal levels of urinary cortisol?. <i>BMC Research Notes</i> , 2008, 1, 134.	0.6	11
80	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
81	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
82	Immune variations in bipolar disorder: phasic differences. <i>Bipolar Disorders</i> , 2007, 9, 596-602.	1.1	225
83	Th2 cytokine response in Major Depressive Disorder patients before treatment. <i>Journal of Neuroimmunology</i> , 2006, 172, 156-165.	1.1	123
84	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
85	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
86	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
87	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
88	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
89	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