Dario Domenico Lofrumento

List of Publications by Year
in descending order

57 papers	1,839 citations	257450 24 h-index	289244 40 g-index
60 all docs	60 docs citations	60 times ranked	2784 citing authors

#	Article	IF	Citations
1	A rapid and simple method for the determination of 3,4-dihydroxyphenylacetic acid, norepinephrine, dopamine, and serotonin in mouse brain homogenate by HPLC with fluorimetric detection. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 266-270.	2.8	135
2	Neuroprotective effects of resveratrol in an MPTP mouse model of Parkinson's-like disease: Possible role of SOCS-1 in reducing pro-inflammatory responses. Innate Immunity, 2014, 20, 249-260.	2.4	118
3	Vitamin D Treatment Attenuates Neuroinflammation and Dopaminergic Neurodegeneration in an Animal Model of Parkinsonâ€™s Disease, Shifting M1 to M2 Microglia Responses. Journal of NeuroImmune Pharmacology, 2017, 12, 327-339.	4.1	114
4	IL-10 plays a pivotal role in anti-inflammatory effects of resveratrol in activated microglia cells. International Immunopharmacology, 2015, 24, 369-376.	3.8	107
5	Microglia Mediated Neuroinflammation: Focus on PI3K Modulation. Biomolecules, 2020, 10, 137.	4.0	94
6	MPTP-Induced Neuroinflammation Increases the Expression of Pro-Inflammatory Cytokines and Their Receptors in Mouse Brain. NeuroImmunoModulation, 2011, 18, 79-88.	1.8	92
7	Curcumin Regulates Anti-Inflammatory Responses by JAK/STAT/SOCS Signaling Pathway in BV-2 Microglial Cells. Biology, 2019, 8, 51.	2.8	77
8	SjÃ¶gren's syndrome autoantibodies provoke changes in gene expression profiles of inflammatory cytokines triggering a pathway involving TACE/NF-Î²B. Laboratory Investigation, 2012, 92, 615-624.	3.7	57
9	Expression of TLR4 and CD14 in the Central Nervous System (CNS) in a MPTP Mouse Model of Parkinson's-Like Disease. Immunopharmacology and Immunotoxicology, 2008, 30, 729-740.	2.4	53
10	A failure of TNFAIP3 negative regulation maintains sustained NF-Î²B activation in SjÃ¶grenâ€™s syndrome. Histochemistry and Cell Biology, 2011, 135, 615-625.	1.7	47
11	Increased hexosamine biosynthetic pathway flux dedifferentiates INS-1E cells and murine islets by an extracellular signal-regulated kinase (ERK)1/2-mediated signal transmission pathway. Diabetologia, 2012, 55, 141-153.	6.3	47
12	Pro-inflammatory role of Anti-Ro/SSA autoantibodies through the activation of Furinâ€“TACEâ€“amphiregulin axis. Journal of Autoimmunity, 2010, 35, 160-170.	6.5	44
13	The multiple roles of exosomes in Parkinson's disease: an overview. Immunopharmacology and Immunotoxicology, 2019, 41, 469-476.	2.4	43
14	Inducible nitric oxide synthase and nitric oxide production inLeishmania infantum-infected human macrophages stimulated with interferon-Î³ and bacterial lipopolysaccharide. International Journal of Clinical and Laboratory Research, 1999, 29, 122-127.	1.0	42
15	Nitric oxide production by macrophages of dogs vaccinated with killed Leishmania infantum promastigotes. Comparative Immunology, Microbiology and Infectious Diseases, 2001, 24, 187-195.	1.6	41
16	SjÃ¶grenâ€™s syndrome pathological neovascularization is regulated by VEGF-A-stimulated TACE-dependent crosstalk between VEGFR2 and NF-Î²B. Genes and Immunity, 2012, 13, 411-420.	4.1	40
17	New Promising Therapeutic Avenues of Curcumin in Brain Diseases. Molecules, 2022, 27, 236.	3.8	37
18	Expression of pro-inflammatory TACE-TNF-Î±-amphiregulin axis in SjÃ¶grenâ€™s syndrome salivary glands. Histochemistry and Cell Biology, 2010, 134, 345-353.	1.7	34

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19	Altered IkBÎ± expression promotes NF-kB activation in monocytes from primary SjÃ¶grenâ€™s syndrome patients. Pathology, 2012, 44, 557-561.	0.6	33
20	Highly Selective Cyclooxygenase-1 Inhibitors P6 and Mofezolac Counteract Inflammatory State both In Vitro and In Vivo Models of Neuroinflammation. Frontiers in Neurology, 2017, 8, 251.	2.4	33
21	Autoantibodies from SjÃ¶gren's Syndrome Trigger Apoptosis in Salivary Gland Cell Line. Annals of the New York Academy of Sciences, 2007, 1108, 418-425.	3.8	30
22	Uterine Wound Healing: A Complex Process Mediated by Proteins and Peptides. Current Protein and Peptide Science, 2016, 18, 125-128.	1.4	30
23	Emerging avenues linking inflammation, angiogenesis and SjÃ¶grenâ€™s syndrome. Cytokine, 2013, 61, 693-703.	3.2	28
24	Transient Covalent Interactions of Newly Synthesized Thyroglobulin with Oxidoreductases of the Endoplasmic Reticulum. Journal of Biological Chemistry, 2014, 289, 11488-11496.	3.4	27
25	Neovascularization is prominent in the chronic inflammatory lesions of SjÃ¶gren's syndrome. International Journal of Experimental Pathology, 2014, 95, 131-137.	1.3	24
26	Selective Cyclooxygenase-1 Inhibition by P6 and Gastrotoxicity: Preliminary Investigation. Pharmacology, 2015, 95, 22-28.	2.2	24
27	Advances in the understanding of the Fc gamma receptors-mediated autoantibodies uptake. Clinical and Experimental Medicine, 2011, 11, 1-10.	3.6	22
28	Saponins from Tribulus terrestris L. protect human keratinocytes from UVB-induced damage. Journal of Photochemistry and Photobiology B: Biology, 2012, 117, 193-201.	3.8	22
29	Neuropilin-1 is upregulated in SjÃ¶grenâ€™s syndrome and contributes to pathological neovascularization. Histochemistry and Cell Biology, 2012, 137, 669-677.	1.7	22
30	Regulation of mRNA caspase-8 levels by anti-nuclear autoantibodies. Clinical and Experimental Medicine, 2010, 10, 199-203.	3.6	18
31	A potential role of the GRO-Î±/CXCR2 system in SjÃ¶grenâ€™s syndrome: regulatory effects of pro-inflammatory cytokines. Histochemistry and Cell Biology, 2013, 139, 371-379.	1.7	18
32	Tapered fibertrodes for optoelectrical neural interfacing in small brain volumes with reduced artefacts. Nature Materials, 2022, 21, 826-835.	27.5	18
33	Abnormal distribution of AQP4 in minor salivary glands of primary SjÃ¶grenâ€™s syndrome patients. Autoimmunity, 2017, 50, 202-210.	2.6	17
34	Inflammatory Response Modulation by Vitamin C in an MPTP Mouse Model of Parkinsonâ€™s Disease. Biology, 2021, 10, 1155.	2.8	17
35	Valinomycin induced energy-dependent mitochondrial swelling, cytochrome c release, cytosolic NADH/cytochrome c oxidation and apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 1004-1013.	4.9	16
36	Rituximabâ€mediated Raf kinase inhibitor protein induction modulates NFâ€ÎºB in SjÃ¶gren syndrome. Immunology, 2014, 143, 42-51.	4.4	16

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37	The metalloproteinase ADAM17 and the epidermal growth factor receptor (EGFR) signaling drive the inflammatory epithelial response in SjÃ¶grenâ€™s syndrome. Clinical and Experimental Medicine, 2015, 15, 215-225.	3.6	16
38	Radio Electric Asymmetric Conveyer Technology Modulates Neuroinflammation in a Mouse Model of Neurodegeneration. Neuroscience Bulletin, 2018, 34, 270-282.	2.9	16
39	Formyl Peptide Receptor (FPR)1 Modulation by Resveratrol in an LPS-Induced Neuroinflammatory Animal Model. Nutrients, 2021, 13, 1418.	4.1	15
40	Salivary gland expression level of Ĩº BÎ± regulatory protein in SjÃ¶grenâ€™s syndrome. Journal of Molecular Histology, 2013, 44, 447-454.	2.2	14
41	Chronic inflammation enhances NGF-Î²/TrkA system expression via EGFR/MEK/ERK pathway activation in SjÃ¶grenâ€™s syndrome. Journal of Molecular Medicine, 2014, 92, 523-37.	3.9	14
42	Downstream activation of NF-ĩºB in the EDA-A1/EDAR signalling in SjÃ¶gren's syndrome and its regulation by the ubiquitin-editing enzyme A20. Clinical and Experimental Immunology, 2016, 184, 183-196.	2.6	14
43	Fibulin-6 expression and anoikis in human salivary gland epithelial cells: implications in Sjogren's syndrome. International Immunology, 2009, 21, 303-311.	4.0	13
44	Induction of TNF-alpha-converting enzyme-ectodomain shedding by pathogenic autoantibodies. International Immunology, 2009, 21, 1341-1349.	4.0	13
45	Formyl-methionyl-leucyl-phenylalanine Induces Apoptosis in Murine Neurons: Evidence for NO-Dependent Caspase-9 Activation. Biology, 2019, 8, 4.	2.8	12
46	Modulation of the FcÎ³ receptors induced by anti-Ro and anti-La autoantibodies: observations in salivary gland cells. Rheumatology International, 2008, 28, 943-948.	3.0	11
47	TNF blocker drugs modulate human TNF-Î±-converting enzyme pro-domain shedding induced by autoantibodies. Immunobiology, 2010, 215, 874-883.	1.9	11
48	Co-culture system of human salivary gland epithelial cells and immune cells from primary SjÃ¶grenâ€™s syndrome patients: an in vitro approach to study the effects of Rituximab on the activation of the Raf-1/ERK1/2 pathway. International Immunology, 2015, 27, 183-194.	4.0	10
49	GRO-Î±/CXCR2 System and ADAM17 Correlated Expression in SjÃ¶grenâ€™s Syndrome. Inflammation, 2013, 36, 759-766.	3.8	9
50	Neurons with Catâ€™s Eyes: A Synthetic Strain of Î±-Synuclein Fibrils Seeding Neuronal Intranuclear Inclusions. Biomolecules, 2022, 12, 436.	4.0	8
51	Ceramide-induced activation of cytosolic NADH/cytochrome c electron transport pathway: An additional source of energy for apoptosis. Archives of Biochemistry and Biophysics, 2010, 504, 210-220.	3.0	7
52	Quality and Efficacy of Tribulus terrestris as an Ingredient for Dermatological Formulations. Open Dermatology Journal, 2013, 7, 1-7.	0.3	6
53	Influence of the anatomical features of different brain regions on the spatial localization of fiber photometry signals. Biomedical Optics Express, 2021, 12, 6081.	2.9	5
54	Chemosensory Event-Related Potentials and Power Spectrum Could Be a Possible Biomarker in 3M Syndrome Infants?. Brain Sciences, 2020, 10, 201.	2.3	3

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55	Blockade of TNF-Î± signaling suppresses the AREG-mediated IL-6 and IL-8 cytokines secretion induced by anti-Ro/SSA autoantibodies. Laboratory Investigation, 2010, , .	3.7	2
56	Stimulation by pro-apoptotic valinomycin of cytosolic NADH/cytochrome c electron transport pathwayâ€"Effect of SH reagents. International Journal of Biochemistry and Cell Biology, 2016, 76, 12-18.	2.8	2
57	Modulation of pro-inflammatory response in a mouse model of Parkinson's disease by non-invasive physical approach. , 2015, , .		1