

Annalisa Marcuzzi

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,415
citations

430754

18
h-index

360920

35
g-index

73
all docs

73
docs citations

73
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine Levels in the Serum of Healthy Subjects. <i>Mediators of Inflammation</i> , 2013, 2013, 1-6.	1.4	271
2	Type I interferon-mediated autoinflammation due to DNase II deficiency. <i>Nature Communications</i> , 2017, 8, 2176.	5.8	164
3	Curcumin and Inflammatory Bowel Disease: Potential and Limits of Innovative Treatments. <i>Molecules</i> , 2014, 19, 21127-21153.	1.7	105
4	Natural Isoprenoids are Able to Reduce Inflammation in a Mouse Model of Mevalonate Kinase Deficiency. <i>Pediatric Research</i> , 2008, 64, 177-182.	1.1	54
5	Altered germinal center reaction and abnormal B cell peripheral maturation in PI3KR1-mutated patients presenting with HIGM-like phenotype. <i>Clinical Immunology</i> , 2015, 159, 33-36.	1.4	51
6	The Complex Interplay between Lipids, Immune System and Interleukins in Cardio-Metabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4058.	1.8	46
7	Natural isoprenoids inhibit LPS-induced-production of cytokines and nitric oxide in aminobisphosphonate-treated monocytes. <i>International Immunopharmacology</i> , 2010, 10, 639-642.	1.7	37
8	Block of the Mevalonate Pathway Triggers Oxidative and Inflammatory Molecular Mechanisms Modulated by Exogenous Isoprenoid Compounds. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6843-6856.	1.8	34
9	Lovastatin-induced apoptosis is modulated by geranylgeraniol in a neuroblastoma cell line. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 451-456.	0.7	33
10	Mevalonate Kinase Deficiency and Neuroinflammation: Balance between Apoptosis and Pyroptosis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23274-23288.	1.8	32
11	Mevalonate kinase deficiency and IBD: shared genetic background. <i>Gut</i> , 2014, 63, 1367-1368.	6.1	30
12	Curcumin Anti-Apoptotic Action in a Model of Intestinal Epithelial Inflammatory Damage. <i>Nutrients</i> , 2017, 9, 578.	1.7	27
13	Lovastatin induces apoptosis through the mitochondrial pathway in an undifferentiated SH-SY5Y neuroblastoma cell line. <i>Cell Death and Disease</i> , 2013, 4, e585-e585.	2.7	25
14	Long Non-Coding RNA GAS5 and Intestinal MMP2 and MMP9 Expression: A Translational Study in Pediatric Patients with IBD. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5280.	1.8	24
15	Geraniol rescues inflammation in cellular and animal models of mevalonate kinase deficiency. <i>In Vivo</i> , 2011, 25, 87-92.	0.6	23
16	Inflammatory bowel disease and patterns of volatile organic compounds in the exhaled breath of children: A case-control study using Ion Molecule Reaction-Mass Spectrometry. <i>PLoS ONE</i> , 2017, 12, e0184118.	1.1	22
17	Defect in mevalonate pathway induces pyroptosis in Raw 264.7 murine monocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 882-888.	2.2	20
18	The Farnesyltransferase Inhibitors Tipifarnib and Lonafarnib Inhibit Cytokines Secretion in a Cellular Model of Mevalonate Kinase Deficiency. <i>Pediatric Research</i> , 2011, 70, 78-82.	1.1	20

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19	Cytokine profiles of women with vulvodynia: Identification of a panel of pro-inflammatory molecular targets. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 226, 66-70.	0.5	19
20	Database tools in genetic diseases research. <i>Genomics</i> , 2013, 101, 75-85.	1.3	18
21	Mouse model of mevalonate kinase deficiency: comparison of cytokine and chemokine profile with that of human patients. <i>Pediatric Research</i> , 2013, 74, 266-271.	1.1	18
22	Geranylgeraniol and Neurological Impairment: Involvement of Apoptosis and Mitochondrial Morphology. <i>International Journal of Molecular Sciences</i> , 2016, 17, 365.	1.8	18
23	Targeting farnesyl-transferase as a novel therapeutic strategy for mevalonate kinase deficiency: In vitro and in vivo approaches. <i>Pharmacological Research</i> , 2010, 61, 506-510.	3.1	17
24	A common genetic background could explain early-onset Crohn's disease. <i>Medical Hypotheses</i> , 2012, 78, 520-522.	0.8	15
25	Decreased cholesterol levels reflect a consumption of anti-inflammatory isoprenoids associated with an impaired control of inflammation in a mouse model of mevalonate kinase deficiency. <i>Inflammation Research</i> , 2010, 59, 335-338.	1.6	14
26	Autoinflammatory Diseases and Cytokine Storms—Imbalances of Innate and Adaptive Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11241.	1.8	14
27	Presence of IL-9 in Paired Samples of Human Colostrum and Transitional Milk. <i>Journal of Human Lactation</i> , 2013, 29, 26-31.	0.8	13
28	Pediatric patients with inflammatory bowel disease exhibit increased serum levels of proinflammatory cytokines and chemokines, but decreased circulating levels of macrophage inhibitory protein-1 β , interleukin-2 and interleukin-17. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 2047-2052.	0.8	13
29	Inflammation profile of four early onset Crohn patients. <i>Gene</i> , 2012, 493, 282-285.	1.0	12
30	TRAIL administration down-modulated the acute systemic inflammatory response induced in a mouse model by muramyl dipeptide or lipopolysaccharide. <i>Cytokine</i> , 2012, 60, 43-46.	1.4	12
31	Lovastatin Dose-Dependently Potentiates the Pro-inflammatory Activity of Lipopolysaccharide Both In Vitro and In Vivo. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 981-988.	1.1	12
32	MitoQ Is Able to Modulate Apoptosis and Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4753.	1.8	12
33	Mevalonate Kinase Deficiency: Disclosing the Role of Mevalonate Pathway Modulation in Inflammation. <i>Current Pharmaceutical Design</i> , 2012, 18, 5746-5752.	0.9	11
34	Microglia activation and interaction with neuronal cells in a biochemical model of mevalonate kinase deficiency. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 1048-1055.	2.2	11
35	Specific protein profile in cerebrospinal fluid from HIV-1-positive cART-treated patients affected by neurological disorders. <i>Journal of NeuroVirology</i> , 2012, 18, 416-422.	1.0	10
36	Evolutionary hypothesis of the Mevalonate Kinase Deficiency. <i>Medical Hypotheses</i> , 2013, 80, 67-69.	0.8	10

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37	Clinical Genetic Testing of Periodic Fever Syndromes. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	10
38	Genetic and Functional Profiling of Crohn's Disease: Autophagy Mechanism and Susceptibility to Infectious Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	10
39	Alendronate, a double-edged sword acting in the mevalonate pathway. <i>Molecular Medicine Reports</i> , 2015, 12, 4238-4242.	1.1	10
40	Neuronal Dysfunction Associated with Cholesterol Deregulation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1523.	1.8	9
41	MIF plasma level as a possible tool to predict steroid responsiveness in children with idiopathic nephrotic syndrome. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1675-1683.	0.8	9
42	Innovative Target Therapies Are Able to Block the Inflammation Associated with Dysfunction of the Cholesterol Biosynthesis Pathway. <i>International Journal of Molecular Sciences</i> , 2016, 17, 47.	1.8	8
43	New Applications of JAK/STAT Inhibitors in Pediatrics: Current Use of Ruxolitinib. <i>Pharmaceuticals</i> , 2022, 15, 374.	1.7	7
44	Family history in early-onset inflammatory bowel disease. <i>Journal of Gastroenterology</i> , 2013, 48, 144-144.	2.3	5
45	To Extinguish the Fire from Outside the Cell or to Shutdown the Gas Valve Inside? Novel Trends in Anti-Inflammatory Therapies. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21277-21293.	1.8	5
46	Repositioning of Tak-475 In Mevalonate Kinase Disease: Translating Theory Into Practice. <i>Current Medicinal Chemistry</i> , 2018, 25, 2783-2796.	1.2	5
47	Systemic and neuronal inflammatory markers in a mouse model of mevalonate kinase deficiency: a strain-comparative study. <i>In Vivo</i> , 2013, 27, 715-22.	0.6	5
48	Comments on "Geranylgeraniol" A new potential therapeutic approach to bisphosphonate associated osteonecrosis of the jaw by Ziebart T et al. (2011). <i>Oral Oncology</i> , 2011, 47, 436-437.	0.8	4
49	Putative modifier genes in mevalonate kinase deficiency. <i>Molecular Medicine Reports</i> , 2016, 13, 3181-3189.	1.1	4
50	Monocyte-predominant engraftment, cytokine levels and early transplant-related complications in pediatric hematopoietic stem cell recipients. <i>Cancer Medicine</i> , 2019, 8, 890-901.	1.3	4
51	Antibodies reacting to mimotopes of Simian virus 40 large T antigen, the viral oncoprotein, in sera from children. <i>Journal of Cellular Physiology</i> , 2019, 234, 3170-3179.	2.0	4
52	Role of vitamin D in the pathogenesis of atheromatosis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 344-353.	1.1	4
53	Is autophagy an elective strategy to protect neurons from dysregulated cholesterol metabolism?. <i>Neural Regeneration Research</i> , 2019, 14, 582.	1.6	4
54	The effect of clodronate on a mevalonate kinase deficiency cellular model. <i>Inflammation Research</i> , 2012, 61, 1363-1367.	1.6	3

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55	Letter to the Editor. Cell Biochemistry and Function, 2012, 30, 176-176.	1.4	2
56	A comparative analysis of serologic parameters and oxidative stress in osteoarthritis and rheumatoid arthritis: reply to Mishra and colleagues. Rheumatology International, 2013, 33, 2445-2446.	1.5	2
57	Temperature and Drug Treatments in Mevalonate Kinase Deficiency: An <i>Ex Vivo</i> Study. BioMed Research International, 2013, 2013, 1-8.	0.9	2
58	Two-gene mutation in a single patient: Biochemical and functional analysis for a correct interpretation of exome results. Molecular Medicine Reports, 2015, 12, 6128-6132.	1.1	2
59	Ex vivo response to mucosal bacteria and muramyl dipeptide in inflammatory bowel disease. World Journal of Gastroenterology, 2016, 22, 9734.	1.4	2
60	The Challenge of Next Generation Sequencing in a Boy With Severe Mononucleosis and EBV-related Lymphoma. Journal of Pediatric Hematology/Oncology, 2018, 40, e323-e326.	0.3	2
61	Standard treatment of refractory cytomegalovirus encephalitis unmasked by immune reconstitution inflammatory syndrome and successfully treated with virus-specific hyperimmune globulin. Clinical and Translational Immunology, 2020, 9, e1201.	1.7	2
62	Serum amyloid A and cholesterol: a pivotal role on inflammation. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 163-164.	1.4	1
63	Comments to the Editor Concerning the Paper Entitled "Preclinical renal cancer chemopreventive efficacy of geraniol by modulation of multiple molecular pathways" Shiekh Tanveer Ahmad et al.. Toxicology, 2012, 293, 123-124.	2.0	1
64	Farnesyl and geranylgeranyl transferase inhibitors: an anti-inflammatory effect. Comment to "Inhibition of protein geranylgeranylation and farnesylation protects against graft-versus-host disease via effects on CD4 effector T cells" Haematologica. 2013;98(1):31-40. Haematologica, 2013, 98, e44-e45.	1.7	1
65	Mevalonate kinase deficiency: therapeutic targets, treatments, and outcomes. Expert Opinion on Orphan Drugs, 2017, 5, 515-524.	0.5	1
66	Mevalonate Kinase Deficiency and Squalene Synthase Inhibitor (TAK-475): The Balance to Extinguish the Inflammation. Biomolecules, 2021, 11, 1438.	1.8	1
67	Acute Neurological Involvement after Donor Lymphocyte Infusion for Post-Transplant Viral Infection: The Same Pattern of Novel Cancer Immunotherapy-Related CNS Toxicity?. International Journal of Molecular Sciences, 2022, 23, 3553.	1.8	1
68	Autoinflammatory syndromes and coeliac disease: One observation and two hypotheses. Digestive and Liver Disease, 2007, 39, A83-A84.	0.4	0
69	Letter to the Editor: Acute Effects of Intravenous Administration of Pamidronate in Patients with Osteoporosis. Journal of Korean Medical Science, 2011, 26, 848.	1.1	0
70	Letter: inflammatory bowel disease, complementary and alternative medicine, and genetics. Alimentary Pharmacology and Therapeutics, 2012, 35, 1110-1111.	1.9	0
71	Post-Irradiation Hyperamylasemia Is a Prognostic Marker for Allogeneic Hematopoietic Stem Cell Transplantation Outcomes in Pediatric Population: A Retrospective Single-Centre Cohort Analysis. Journal of Clinical Medicine, 2021, 10, 3834.	1.0	0