Claudia Volpi

List of Publications by Year
in descending order

56	5,032	172457	161849
papers	citations	29 h-index	54 g-index

57	57	57	6247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Combined Effects of Tryptophan Starvation and Tryptophan Catabolites Down-Regulate T Cell Receptor Î¶-Chain and Induce a Regulatory Phenotype in Naive T Cells. Journal of Immunology, 2006, 176, 6752-6761.	0.8	943
2	Indoleamine 2,3-dioxygenase is a signaling protein in long-term tolerance by dendritic cells. Nature Immunology, 2011, 12, 870-878.	14.5	577
3	Aryl hydrocarbon receptor control of a disease tolerance defence pathway. Nature, 2014, 511, 184-190.	27.8	574
4	Reverse signaling through GITR ligand enables dexamethasone to activate IDO in allergy. Nature Medicine, 2007, 13, 579-586.	30.7	298
5	CD28 induces immunostimulatory signals in dendritic cells via CD80 and CD86. Nature Immunology, 2004, 5, 1134-1142.	14.5	262
6	A Relay Pathway between Arginine and Tryptophan Metabolism Confers Immunosuppressive Properties on Dendritic Cells. Immunity, 2017, 46, 233-244.	14.3	241
7	SOCS3 drives proteasomal degradation of indoleamine 2,3-dioxygenase (IDO) and antagonizes IDO-dependent tolerogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20828-20833.	7.1	187
8	Kynurenine Pathway Enzymes in Dendritic Cells Initiate Tolerogenesis in the Absence of Functional IDO. Journal of Immunology, 2006, 177, 130-137.	0.8	164
9	Cutting Edge: Autocrine TGF-Î² Sustains Default Tolerogenesis by IDO-Competent Dendritic Cells. Journal of Immunology, 2008, 181, 5194-5198.	0.8	154
10	Metabotropic glutamate receptor-4 modulates adaptive immunity and restrains neuroinflammation. Nature Medicine, 2010, 16, 897-902.	30.7	138
11	High doses of CpG oligodeoxynucleotides stimulate a tolerogenic TLR9â€“TRIF pathway. Nature Communications, 2013, 4, 1852.	12.8	102
12	IDO Mediates TLR9-Driven Protection from Experimental Autoimmune Diabetes. Journal of Immunology, 2009, 183, 6303-6312.	0.8	101
13	Tryptophan catabolism generates autoimmune-preventive regulatory T cells. Transplant Immunology, 2006, 17, 58-60.	1.2	97
14	Cutting Edge: Silencing Suppressor of Cytokine Signaling 3 Expression in Dendritic Cells Turns CD28-Ig from Immune Adjuvant to Suppressant. Journal of Immunology, 2005, 174, 6582-6586.	0.8	88
15	Immunosuppression Via Tryptophan Catabolism: The Role of Kynurenine Pathway Enzymes. Transplantation, 2007, 84, S17-S20.	1.0	82
16	Amino-acid sensing and degrading pathways in immune regulation. Cytokine and Growth Factor Reviews, 2017, 35, 37-45.	7.2	79
17	Positive allosteric modulation of indoleamine 2,3-dioxygenase 1 restrains neuroinflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3848-3857.	7.1	58
18	Indoleamine 2,3â€dioxygenase 1 (IDO1): an upâ€toâ€date overview of an eclectic immunoregulatory enzyme. FEBS Journal, 2022, 289, 6099-6118.	4.7	56

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19	Distinct roles of immunoreceptor tyrosineâ€based motifs in immunosuppressive indoleamine 2,3â€dioxygenase 1. Journal of Cellular and Molecular Medicine, 2017, 21, 165-176.	3.6	51
20	Deficiency of immunoregulatory indoleamine 2,3-dioxygenase 1in juvenile diabetes. JCI Insight, 2018, 3, .	5.0	51
21	Cinnabarinic acid, an endogenous agonist of type-4 metabotropic glutamate receptor, suppresses experimental autoimmune encephalomyelitis in mice. Neuropharmacology, 2014, 81, 237-243.	4.1	48
22	Amino acid metabolism as drug target in autoimmune diseases. Autoimmunity Reviews, 2019, 18, 334-348.	5.8	48
23	Forced IDO 1 expression in dendritic cells restores immunoregulatory signalling in autoimmune diabetes. Journal of Cellular and Molecular Medicine, 2014, 18, 2082-2091.	3.6	47
24	Engagement of Nuclear Coactivator 7 by 3-Hydroxyanthranilic Acid Enhances Activation of Aryl Hydrocarbon Receptor in Immunoregulatory Dendritic Cells. Frontiers in Immunology, 2019, 10, 1973.	4.8	47
25	IDO1 suppresses inhibitor development in hemophilia A treated with factor VIII. Journal of Clinical Investigation, 2015, 125, 3766-3781.	8.2	39
26	Enhanced tryptophan catabolism in the absence of the molecular adapter DAP12. European Journal of Immunology, 2005, 35, 3111-3118.	2.9	38
27	Onion (Allium cepa L.) Skin: A Rich Resource of Biomolecules for the Sustainable Production of Colored Biofunctional Textiles. Molecules, 2019, 24, 634.	3.8	37
28	Advances in indoleamine 2,3-dioxygenase 1 medicinal chemistry. MedChemComm, 2017, 8, 1378-1392.	3.4	33
29	Targeting metabotropic glutamate receptors for the treatment of neuroinflammation. Current Opinion in Pharmacology, 2018, 38, 16-23.	3.5	33
30	Allosteric modulation of metabotropic glutamate receptor 4 activates IDO1-dependent, immunoregulatory signaling in dendritic cells. Neuropharmacology, 2016, 102, 59-71.	4.1	29
31	The Proteasome Inhibitor Bortezomib Controls Indoleamine 2,3-Dioxygenase 1 Breakdown and Restores Immune Regulation in Autoimmune Diabetes. Frontiers in Immunology, 2017, 8, 428.	4.8	28
32	Indoleamine 2,3-Dioxygenase 2 Immunohistochemical Expression in Resected Human Non-small Cell Lung Cancer: A Potential New Prognostic Tool. Frontiers in Immunology, 2020, 11, 839.	4.8	28
33	Preclinical discovery and development of fingolimod for the treatment of multiple sclerosis. Expert Opinion on Drug Discovery, 2019, 14, 1199-1212.	5.0	25
34	Current Challenges for IDO2 as Target in Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, 679953.	4.8	24
35	Class IA PI3Ks regulate subcellular and functional dynamics of IDO1. EMBO Reports, 2020, 21, e49756.	4.5	24
36	Proteasomal Degradation of Indoleamine 2,3-Dioxygenase in CD8⁺ Dendritic Cells is Mediated by Suppressor of Cytokine Signaling 3 (SOCS3). International Journal of Tryptophan Research, 2010, 3, IJTR.S3971.	2.3	23

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37	IL-23 neutralization protects mice from Gram-negative endotoxic shock. Cytokine, 2006, 34, 161-169.	3.2	22
38	A GpC-Rich Oligonucleotide Acts on Plasmacytoid Dendritic Cells To Promote Immune Suppression. Journal of Immunology, 2012, 189, 2283-2289.	0.8	22
39	The double life of serotonin metabolites: in the mood for joining neuronal and immune systems. Current Opinion in Immunology, 2021, 70, 1-6.	5.5	19
40	Effect of Probiotic Administration on Serum Tryptophan Metabolites in Pediatric Type 1 Diabetes Patients. International Journal of Tryptophan Research, 2020, 13, 117864692095664.	2.3	14
41	A novel mutation of indoleamine 2,3-dioxygenase 1 causes a rapid proteasomal degradation and compromises protein function. Journal of Autoimmunity, 2020, 115, 102509.	6.5	14
42	Antioxidant Power on Dermal Cells by Textiles Dyed with an Onion (Allium cepa L.) Skin Extract. Antioxidants, 2021, 10, 1655.	5.1	10
43	<scp>IL</scp>â€35Igâ€“expressing dendritic cells induce tolerance via Arginase 1. Journal of Cellular and Molecular Medicine, 2019, 23, 3757-3761.	3.6	9
44	Differentiation of Myeloid-derived Suppressor Cells from Murine Bone Marrow and Their Co-culture with Splenic Dendritic Cells. Bio-protocol, 2017, 7, .	0.4	9
45	Islet antigen-pulsed dendritic cells expressing ectopic IL-35Ig protect nonobese diabetic mice from autoimmune diabetes. Cytokine, 2015, 75, 380-388.	3.2	8
46	CpG Type A Induction of an Early Protective Environment in Experimental Multiple Sclerosis. Mediators of Inflammation, 2017, 2017, 1-12.	3.0	7
47	Use of a Zwitterionic Surfactant to Improve the Biofunctional Properties of Wool Dyed with an Onion (Allium cepa L.) Skin Extract. Antioxidants, 2020, 9, 1055.	5.1	7
48	Decoding the Complex Crossroad of Tryptophan Metabolic Pathways. International Journal of Molecular Sciences, 2022, 23, 787.	4.1	7
49	Opportunities and challenges in drug discovery targeting metabotropic glutamate receptor 4. Expert Opinion on Drug Discovery, 2018, 13, 411-423.	5.0	6
50	Artocarpus tonkinensis Extract Inhibits LPS-Triggered Inflammation Markers and Suppresses RANKL-Induced Osteoclastogenesis in RAW264.7. Frontiers in Pharmacology, 2020, 11, 593829.	3.5	6
51	Crocus sativus L. Petal Extract Inhibits Inflammation and Osteoclastogenesis in RAW 264.7 Cell Model. Pharmaceutics, 2022, 14, 1290.	4.5	6
52	Challenges in the design of reliable immuno-oncology mouse models to inform drug development. Future Medicinal Chemistry, 2017, 9, 1313-1317.	2.3	4
53	In-depth characterization of phenolic profiling of Moraiolo extra-virgin olive oil extract and initial investigation of the inhibitory effect on Indoleamine-2,3-Dioxygenase (IDO1) enzyme. Journal of Pharmaceutical and Biomedical Analysis, 2022, 213, 114688.	2.8	3
54	Reply to Han et al.: On track for an IDO1-based personalized therapy in autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24037-24038.	7.1	2

#	Article	IF	Citations
55	Serotonin Pathway in Neuroimmune Network. , 0, , .		2
56	CTLA-4-immunoglobulin and indoleamine 2,3-dioxygenase in dominant tolerance. , 2008, , 87-106.		1