

Claudio Costantini

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3081720/claudio-costantini-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

3,734
citations

21
h-index

60
g-index

84
ext. papers

4,509
ext. citations

6.7
avg, IF

5.34
L-index

#	Paper	IF	Citations
76	Neutrophils in the activation and regulation of innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2011 , 11, 519-31	36.5	1761
75	Evidence for a cross-talk between human neutrophils and Th17 cells. <i>Blood</i> , 2010 , 115, 335-43	2.2	520
74	A TrkA-to-p75NTR molecular switch activates amyloid beta-peptide generation during aging. <i>Biochemical Journal</i> , 2005 , 391, 59-67	3.8	122
73	An aging pathway controls the TrkA to p75NTR receptor switch and amyloid beta-peptide generation. <i>EMBO Journal</i> , 2006 , 25, 1997-2006	13	100
72	A reversible form of lysine acetylation in the ER and Golgi lumen controls the molecular stabilization of BACE1. <i>Biochemical Journal</i> , 2007 , 407, 383-95	3.8	94
71	PCSK9 is required for the disposal of non-acetylated intermediates of the nascent membrane protein BACE1. <i>EMBO Reports</i> , 2008 , 9, 916-22	6.5	92
70	The defensive alliance between neutrophils and NK cells as a novel arm of innate immunity. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 221-33	6.5	86
69	Human neutrophils interact with both 6-sulfo LacNAc ⁺ DC and NK cells to amplify NK-derived IFN γ : role of CD18, ICAM-1, and ICAM-3. <i>Blood</i> , 2011 , 117, 1677-86	2.2	82
68	Neutrophil activation and survival are modulated by interaction with NK cells. <i>International Immunology</i> , 2010 , 22, 827-38	4.9	81
67	Neurotrophin p75 receptor is involved in neuronal damage by prion peptide-(106-126). <i>Journal of Biological Chemistry</i> , 2001 , 276, 38929-33	5.4	64
66	Characterization of the signaling pathway downstream p75 neurotrophin receptor involved in beta-amyloid peptide-dependent cell death. <i>Journal of Molecular Neuroscience</i> , 2005 , 25, 141-56	3.3	57
65	Peroxynitrite Activates the NLRP3 Inflammasome Cascade in SOD1(G93A) Mouse Model of Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2018 , 55, 2350-2361	6.2	39
64	IL-9 and Mast Cells Are Key Players of <i>Candida albicans</i> Commensalism and Pathogenesis in the Gut. <i>Cell Reports</i> , 2018 , 23, 1767-1778	10.6	36
63	The IL-17F/IL-17RC Axis Promotes Respiratory Allergy in the Proximal Airways. <i>Cell Reports</i> , 2017 , 20, 1667-1680	10.6	33
62	IFN γ expression is directly activated in human neutrophils transfected with plasmid DNA and is further increased via TLR-4-mediated signaling. <i>Journal of Immunology</i> , 2012 , 189, 1500-9	5.3	33
61	slanDCs selectively accumulate in carcinoma-draining lymph nodes and marginate metastatic cells. <i>Nature Communications</i> , 2014 , 5, 3029	17.4	31
60	Relationship between testicular sperm extraction and varicocelectomy in patients with varicocele and nonobstructive azoospermia. <i>Urology</i> , 2013 , 82, 74-7	1.6	29

59	The expression of p75 neurotrophin receptor protects against the neurotoxicity of soluble oligomers of beta-amyloid. <i>Experimental Cell Research</i> , 2005 , 311, 126-34	4.2	29
58	A systems genomics approach identifies as a susceptibility factor in recurrent vulvovaginal candidiasis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	25
57	Epigenetic Mechanisms of Inflammasome Regulation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	24
56	Denervation does not Induce Muscle Atrophy Through Oxidative Stress. <i>European Journal of Translational Myology</i> , 2017 , 27, 6406	2.1	23
55	Ceramide and cholesterol: possible connections between normal aging of the brain and Alzheimer's disease. Just hypotheses or molecular pathways to be identified?. <i>Alzheimers and Dementia</i> , 2005 , 1, 43-50	1.2	21
54	Targeting the Aryl Hydrocarbon Receptor With Indole-3-Aldehyde Protects From Vulvovaginal Candidiasis via the IL-22-IL-18 Cross-Talk. <i>Frontiers in Immunology</i> , 2019 , 10, 2364	8.4	19
53	ROS-independent Nrf2 activation in prostate cancer. <i>Oncotarget</i> , 2017 , 8, 67506-67518	3.3	17
52	A Reappraisal of Thymosin Alpha1 in Cancer Therapy. <i>Frontiers in Oncology</i> , 2019 , 9, 873	5.3	16
51	Insight into the specificity and severity of pathogenic mechanisms associated with missense mutations through experimental and structural perturbation analyses. <i>Human Molecular Genetics</i> , 2019 , 28, 1-15	5.6	16
50	The Microbiota/Host Immune System Interaction in the Nose to Protect from COVID-19. <i>Life</i> , 2020 , 10,	3	14
49	On the potential involvement of CD11d in co-stimulating the production of interferon- γ by natural killer cells upon interaction with neutrophils via intercellular adhesion molecule-3. <i>Haematologica</i> , 2011 , 96, 1543-7	6.6	14
48	Cyclo(His-Pro) inhibits NLRP3 inflammasome cascade in ALS microglial cells. <i>Molecular and Cellular Neurosciences</i> , 2019 , 94, 23-31	4.8	14
47	Anti-Müllerian hormone and antral follicle count reveal a late impairment of ovarian reserve in patients undergoing low-gonadotoxic regimens for hematological malignancies. <i>Oncologist</i> , 2013 , 18, 1307-14	5.7	13
46	Tryptophan Co-Metabolism at the Host-Pathogen Interface. <i>Frontiers in Immunology</i> , 2020 , 11, 67	8.4	12
45	Astrocytes regulate the expression of insulin-like growth factor 1 receptor (IGF1-R) in primary cortical neurons during in vitro senescence. <i>Journal of Molecular Neuroscience</i> , 2010 , 40, 342-52	3.3	12
44	Tryptophan as a Central Hub for Host/Microbial Symbiosis. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920919755	5.6	11
43	Covid-19-Associated Pulmonary Aspergillosis: The Other Side of the Coin. <i>Vaccines</i> , 2020 , 8,	5.3	11
42	Genetic Polymorphisms Affecting IDO1 or IDO2 Activity Differently Associate With Aspergillosis in Humans. <i>Frontiers in Immunology</i> , 2019 , 10, 890	8.4	10

41	Pyridoxal 5SPosphate-Dependent Enzymes at the Crossroads of Host-Microbe Tryptophan Metabolism. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
40	Thymosin β limits inflammation through autophagy. <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 171-175	5.4	8
39	Neutrophils promote 6-sulfo LacNAc+ dendritic cell (sIaDC) survival. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 705-10	6.5	8
38	On the co-purification of 6-sulfo LacNAc(+) dendritic cells (sIaDC) with NK cells enriched from human blood. <i>Immunobiology</i> , 2009 , 214, 828-34	3.4	8
37	Indole-3-Carboxaldehyde Restores Gut Mucosal Integrity and Protects from Liver Fibrosis in Murine Sclerosing Cholangitis. <i>Cells</i> , 2021 , 10,	7.9	8
36	Molecular and cellular basis of ornithine δ aminotransferase deficiency caused by the V332M mutation associated with gyrate atrophy of the choroid and retina. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 3629-3638	6.9	8
35	Egr-1 and Hipk2 are required for the TrkA to p75(NTR) switch that occurs downstream of IGF1-R. <i>Neurobiology of Aging</i> , 2009 , 30, 2010-20	5.6	7
34	Enteric formulated indole-3-carboxaldehyde targets the aryl hydrocarbon receptor for protection in a murine model of metabolic syndrome. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120610	6.5	7
33	IL-9 Integrates the Host- Cross-Talk in Vulvovaginal Candidiasis to Balance Inflammation and Tolerance. <i>Frontiers in Immunology</i> , 2018 , 9, 2702	8.4	7
32	Autophagy and LAP in the Fight against Fungal Infections: Regulation and Therapeutics. <i>Mediators of Inflammation</i> , 2018 , 2018, 6195958	4.3	7
31	Pharyngeal Microbial Signatures Are Predictive of the Risk of Fungal Pneumonia in Hematologic Patients. <i>Infection and Immunity</i> , 2021 , 89, e0010521	3.7	7
30	Microbes in the Era of Circadian Medicine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 30	5.9	6
29	Potential Influence of Cyclo(His-Pro) on Proteostasis: Impact on Neurodegenerative Diseases. <i>Current Protein and Peptide Science</i> , 2018 , 19, 805-812	2.8	6
28	Thymosin β promotes autophagy and repair via HIF-1 β stabilization in chronic granulomatous disease. <i>Life Science Alliance</i> , 2019 , 2,	5.8	6
27	Optimizing therapeutic outcomes of immune checkpoint blockade by a microbial tryptophan metabolite. 2022 , 10,		6
26	Cellular proteostasis: a new twist in the action of thymosin β . <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 43-48	5.4	5
25	Targeted Drug Delivery Technologies Potentiate the Overall Therapeutic Efficacy of an Indole Derivative in a Mouse Cystic Fibrosis Setting. <i>Cells</i> , 2021 , 10,	7.9	5
24	To Be or Not to Be a Pathogen: and Celiac Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 2844	8.4	5

23	Biochemical Characterization of AroH, a Putative Aromatic Amino Acid Aminotransferase. <i>Frontiers in Molecular Biosciences</i> , 2018 , 5, 104	5.6	5
22	Acetamidine-Based iNOS Inhibitors as Molecular Tools to Counteract Inflammation in BV2 Microglial Cells. <i>Molecules</i> , 2020 , 25,	4.8	4
21	Thymosin α 1 protects from CTLA-4 intestinal immunopathology. <i>Life Science Alliance</i> , 2020 , 3,	5.8	4
20	Cycloserine enantiomers are reversible inhibitors of human alanine:glyoxylate aminotransferase: implications for Primary Hyperoxaluria type 1. <i>Biochemical Journal</i> , 2019 , 476, 3751-3768	3.8	4
19	Development and in vitro-in vivo performances of an inhalable indole-3-carboxaldehyde dry powder to target pulmonary inflammation and infection. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 121004	6.5	4
18	Rapid reconstitution of functionally active 6-sulfoLacNAc(+) dendritic cells (slanDCs) of donor origin following allogeneic haematopoietic stem cell transplant. <i>Clinical and Experimental Immunology</i> , 2014 , 178, 129-41	6.2	3
17	The ILE56 mutation on different genetic backgrounds of alanine:glyoxylate aminotransferase: Clinical features and biochemical characterization. <i>Molecular Genetics and Metabolism</i> , 2020 , 131, 171-180	3.7	3
16	The Circadian Protein PER1 Modulates the Cellular Response to Anticancer Treatments. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
15	Microbiome-mediated regulation of anti-fungal immunity. <i>Current Opinion in Microbiology</i> , 2020 , 58, 8-14	7.9	2
14	Chronic graft versus host disease is associated with erectile dysfunction in allogeneic hematopoietic stem cell transplant patients: a single-center experience. <i>Leukemia and Lymphoma</i> , 2018 , 59, 2719-2722	1.9	2
13	Selectively targeting key inflammatory pathways in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2020 , 206, 112717	6.8	2
12	Tackling Immune Pathogenesis of COVID-19 through Molecular Pharmaceutics. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
11	Anakinra Activates Superoxide Dismutase 2 to Mitigate Inflammasome Activity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	Reply to Δ 508del-CFTR is not corrected by thymosin α 1S <i>Nature Medicine</i> , 2018 , 24, 891-893	50.5	2
9	A High-Risk Profile for Invasive Fungal Infections Is Associated with Altered Nasal Microbiota and Niche Determinants.. <i>Infection and Immunity</i> , 2022 , e0004822	3.7	2
8	The immune system and the microbiota: The two sides of mucosal tolerance 2022 , 297-315		1
7	Thymosin alpha 1 exerts beneficial extrapulmonary effects in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112921	6.8	1
6	Small Molecule CCR4 Antagonists Protect Mice from Infection and Allergy. <i>Biomolecules</i> , 2021 , 11,	5.9	1

5	Molecular and Cellular Studies Reveal Folding Defects of Human Ornithine Aminotransferase Variants Associated With Gyrate Atrophy of the Choroid and Retina. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 695205	5.6	1
4	Role of misfolding in rare enzymatic deficits and use of pharmacological chaperones as therapeutic approach.. <i>Frontiers in Bioscience</i> , 2021 , 26, 1627-1642		0
3	Structural dynamics shape the fitness window of alanine:glyoxylate aminotransferase.. <i>Protein Science</i> , 2022 , 31, e4303	6.3	0
2	Haploidentical hematopoietic stem cell transplantation in a myelofibrosis patient with primary graft failure. <i>Hematology Reports</i> , 2017 , 9, 7091	0.9	
1	The Mast Cell-Aryl Hydrocarbon Receptor Interplay at the Host-Microbe Interface. <i>Mediators of Inflammation</i> , 2018 , 2018, 7396136	4.3	