

Claudio Costantini

List of Publications by Year in Descending Order

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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	The immune system and the microbiota: The two sides of mucosal tolerance 2022 , 297-315		1
75	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
74	Optimizing therapeutic outcomes of immune checkpoint blockade by a microbial tryptophan metabolite. 2022 , 10,		6
73	Structural dynamics shape the fitness window of alanine:glyoxylate aminotransferase.. <i>Protein Science</i> , 2022 , 31, e4303	6.3	0
72	The Circadian Protein PER1 Modulates the Cellular Response to Anticancer Treatments. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
71	Tackling Immune Pathogenesis of COVID-19 through Molecular Pharmaceutics. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
70	Indole-3-Carboxaldehyde Restores Gut Mucosal Integrity and Protects from Liver Fibrosis in Murine Sclerosing Cholangitis. <i>Cells</i> , 2021 , 10,	7.9	8
69	Anakinra Activates Superoxide Dismutase 2 to Mitigate Inflammasome Activity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
68	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
67	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
66	Thymosin alpha 1 exerts beneficial extrapulmonary effects in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112921	6.8	1
65	Small Molecule CCR4 Antagonists Protect Mice from Infection and Allergy. <i>Biomolecules</i> , 2021 , 11,	5.9	1
64	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
63	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
62	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
61	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
60	The Microbiota/Host Immune System Interaction in the Nose to Protect from COVID-19. <i>Life</i> , 2020 , 10,	3	14

59	Tryptophan as a Central Hub for Host/Microbial Symbiosis. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920919755	5.6	11
58	Microbiome-mediated regulation of anti-fungal immunity. <i>Current Opinion in Microbiology</i> , 2020 , 58, 8-14	7.9	2
57	Acetamidine-Based iNOS Inhibitors as Molecular Tools to Counteract Inflammation in BV2 Microglial Cells. <i>Molecules</i> , 2020 , 25,	4.8	4
56	Tryptophan Co-Metabolism at the Host-Pathogen Interface. <i>Frontiers in Immunology</i> , 2020 , 11, 67	8.4	12
55	Microbes in the Era of Circadian Medicine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 30	5.9	6
54	Thymosin α 1 protects from CTLA-4 intestinal immunopathology. <i>Life Science Alliance</i> , 2020 , 3,	5.8	4
53	Covid-19-Associated Pulmonary Aspergillosis: The Other Side of the Coin. <i>Vaccines</i> , 2020 , 8,	5.3	11
52	Selectively targeting key inflammatory pathways in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2020 , 206, 112717	6.8	2
51	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
50	Pyridoxal 5Phosphate-Dependent Enzymes at the Crossroads of Host-Microbe Tryptophan Metabolism. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
49	Epigenetic Mechanisms of Inflammasome Regulation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	24
48	A Reappraisal of Thymosin Alpha1 in Cancer Therapy. <i>Frontiers in Oncology</i> , 2019 , 9, 873	5.3	16
47	Genetic Polymorphisms Affecting IDO1 or IDO2 Activity Differently Associate With Aspergillosis in Humans. <i>Frontiers in Immunology</i> , 2019 , 10, 890	8.4	10
46	A systems genomics approach identifies as a susceptibility factor in recurrent vulvovaginal candidiasis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	25
45	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
44	Thymosin α 1 promotes autophagy and repair via HIF-1 β stabilization in chronic granulomatous disease. <i>Life Science Alliance</i> , 2019 , 2,	5.8	6
43	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
42	To Be or Not to Be a Pathogen: and Celiac Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 2844	8.4	5

41	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
40	Cyclo(His-Pro) inhibits NLRP3 inflammasome cascade in ALS microglial cells. <i>Molecular and Cellular Neurosciences</i> , 2019 , 94, 23-31	4.8	14
39	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
38	Thymosin β limits inflammation through autophagy. <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 171-175	5.4	8
37	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
36	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
35	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
34	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
33	Biochemical Characterization of AroH, a Putative Aromatic Amino Acid Aminotransferase. <i>Frontiers in Molecular Biosciences</i> , 2018 , 5, 104	5.6	5
32	The Mast Cell-Aryl Hydrocarbon Receptor Interplay at the Host-Microbe Interface. <i>Mediators of Inflammation</i> , 2018 , 2018, 7396136	4.3	
31	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
30	IL-9 and Mast Cells Are Key Players of Candida albicans Commensalism and Pathogenesis in the Gut. <i>Cell Reports</i> , 2018 , 23, 1767-1778	10.6	36
29	Reply to Δ 508del-CFTR is not corrected by thymosin β S <i>Nature Medicine</i> , 2018 , 24, 891-893	50.5	2
28	Autophagy and LAP in the Fight against Fungal Infections: Regulation and Therapeutics. <i>Mediators of Inflammation</i> , 2018 , 2018, 6195958	4.3	7
27	Haploidentical hematopoietic stem cell transplantation in a myelofibrosis patient with primary graft failure. <i>Hematology Reports</i> , 2017 , 9, 7091	0.9	
26	Denervation does not Induce Muscle Atrophy Through Oxidative Stress. <i>European Journal of Translational Myology</i> , 2017 , 27, 6406	2.1	23
25	The IL-17F/IL-17RC Axis Promotes Respiratory Allergy in the Proximal Airways. <i>Cell Reports</i> , 2017 , 20, 1667-1680	10.6	33
24	ROS-independent Nrf2 activation in prostate cancer. <i>Oncotarget</i> , 2017 , 8, 67506-67518	3.3	17

23	slanDCs selectively accumulate in carcinoma-draining lymph nodes and marginate metastatic cells. <i>Nature Communications</i> , 2014 , 5, 3029	17.4	31
22	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
21	Relationship between testicular sperm extraction and varicocelectomy in patients with varicocele and nonobstructive azoospermia. <i>Urology</i> , 2013 , 82, 74-7	1.6	29
20	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
19	Neutrophils promote 6-sulfo LacNAc+ dendritic cell (slanDC) survival. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 705-10	6.5	8
18	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
17	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
16	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
15	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
14	Neutrophils in the activation and regulation of innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2011 , 11, 519-31	36.5	1761
13	Neutrophil activation and survival are modulated by interaction with NK cells. <i>International Immunology</i> , 2010 , 22, 827-38	4.9	81
12	Evidence for a cross-talk between human neutrophils and Th17 cells. <i>Blood</i> , 2010 , 115, 335-43	2.2	520
11	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
10	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
9	On the co-purification of 6-sulfo LacNAc(+) dendritic cells (slanDC) with NK cells enriched from human blood. <i>Immunobiology</i> , 2009 , 214, 828-34	3.4	8
8	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
7	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
6	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

5	A TrkA-to-p75NTR molecular switch activates amyloid beta-peptide generation during aging. <i>Biochemical Journal</i> , 2005 , 391, 59-67	3.8	122
4	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
3	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
2	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
1	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