Maurizio Costabile

List of Publications by Year
in descending order

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36	691	567281	580821
papers	citations	15 h-index	25 g-index

37	37	37	1012
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stimulation of p38 Phosphorylation and Activity by Arachidonic Acid in HeLa Cells, HL60 Promyelocytic Leukemic Cells, and Human Neutrophils. Journal of Biological Chemistry, 1998, 273, 19277-19282.	3.4	97
2	Recent advances in the development of sphingosine kinase inhibitors. Cellular Signalling, 2016, 28, 1349-1363.	3.6	91
3	Measuring the 50% Haemolytic Complement (CH₅₀) Activity of Serum. Journal of Visualized Experiments, 2010, , .	0.3	61
4	Capture and generation of adenovirus specific T cells for adoptive immunotherapy. British Journal of Haematology, 2007, 136, 117-126.	2.5	38
5	Characterization of the MEK5-ERK5 Module in Human Neutrophils and Its Relationship to ERK1/ERK2 in the Chemotactic Response. Journal of Biological Chemistry, 2004, 279, 49825-49834.	3.4	32
6	The Immunomodulatory Effects of Novel Î²-Oxa, Î²-Thia, and Î³-Thia Polyunsaturated Fatty Acids on Human T Lymphocyte Proliferation, Cytokine Production, and Activation of Protein Kinase C and MAPKs. Journal of Immunology, 2005, 174, 233-243.	0.8	31
7	Leukocyte numbers and function in subjects eating n-3 enriched foods: selective depression of natural killer cell levels. Arthritis Research and Therapy, 2008, 10, R57.	3.5	31
8	Molecular approaches in the diagnosis of primary immunodeficiency diseases. Human Mutation, 2006, 27, 1163-1173.	2.5	23
9	A Novel Long Chain Polyunsaturated Fatty Acid, Î²-Oxa 21:3n-3, Inhibits T Lymphocyte Proliferation, Cytokine Production, Delayed-Type Hypersensitivity, and Carrageenan-Induced Paw Reaction and Selectively Targets Intracellular Signals. Journal of Immunology, 2001, 167, 3980-3987.	0.8	21
10	Unique Effect of Arachidonic Acid on Human Neutrophil TNF Receptor Expression: Up-Regulation Involving Protein Kinase C, Extracellular Signal-Regulated Kinase, and Phospholipase A2. Journal of Immunology, 2003, 171, 2616-2624.	0.8	21
11	Cytoplasmic dynein regulates the subcellular localization of sphingosine kinase 2 to elicit tumor-suppressive functions in glioblastoma. Oncogene, 2019, 38, 1151-1165.	5.9	21
12	Kelch-like protein 5-mediated ubiquitination of lysine 183 promotes proteasomal degradation of sphingosine kinase 1. Biochemical Journal, 2019, 476, 3211-3226.	3.7	21
13	Ceramide-induced integrated stress response overcomes Bcl-2 inhibitor resistance in acute myeloid leukemia. Blood, 2022, 139, 3737-3751.	1.4	20
14	Polyandric Acid A, a Clerodane Diterpenoid from the Australian Medicinal Plant Dodonaea polyandra, Attenuates Pro-inflammatory Cytokine Secretion in Vitro and in Vivo. Journal of Natural Products, 2014, 77, 85-91.	3.0	19
15	Novel action ofn-3 polyunsaturated fatty acids: Inhibition of arachidonic acidâ€“induced increase in tumor necrosis factor receptor expression on neutrophils and a role for proteases. Arthritis and Rheumatism, 2007, 56, 799-808.	6.7	17
16	Using online simulations to teach biochemistry laboratory content during <scp>COVID</scp>â€19. Biochemistry and Molecular Biology Education, 2020, 48, 509-510.	1.2	16
17	Selective deficiency in protein kinase C isoenzyme expression and inadequacy in mitogen-activated protein kinase activation in cord blood T cells. Biochemical Journal, 2003, 370, 497-503.	3.7	15
18	Arachidonic acid and its COX1/2 metabolites inhibit interferon-Î³ mediated induction of indoleamine-2,3 dioxygenase in THP-1 cells and Human monocytes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 87, 119-126.	2.2	15

#	Article	IF	Citations
19	Using a science simulation-based learning tool to develop students' active learning, self-confidence and critical thinking in academic writing. Nurse Education in Practice, 2020, 47, 102839.	2.6	15
20	Proteomic Analysis of Methylglyoxal Modifications Reveals Susceptibility of Glycolytic Enzymes to Dicarbonyl Stress. International Journal of Molecular Sciences, 2022, 23, 3689.	4.1	12
21	Identification and functional characterization of two novel mutations in the Î±-helical loop (residues) Tj ETQq1 1 0.784314 rgBT /Overlock Human Mutation, 2012, 33, 471-475.	2.5	9
22	Prostaglandin D2 is a novel repressor of IFNÎ³ induced indoleamine-2,3-dioxygenase via the DP1 receptor and cAMP pathway. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 110, 48-54.	2.2	9
23	Methylglyoxal induces chromosomal instability and mitotic dysfunction in lymphocytes. Mutagenesis, 2021, 36, 339-348.	2.6	9
24	Regulation of Neutrophil Functions by Long Chain Fatty Acids. , 2005, , 169-228.		8
25	Design, implementation, and assessment of an interactive simulation to teach undergraduate immunology students hemolytic disease of the newborn. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 299-306.	1.6	7
26	Folic acid deficiency increases sensitivity to DNA damage by glucose and methylglyoxal. Mutagenesis, 2022, 37, 24-33.	2.6	6
27	Inhibition of indoleamine 2,3-dioxygenase activity by fatty acids and prostaglandins: A structure function analysis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 122, 7-15.	2.2	5
28	Colocalization of intracellular specific IgA (icIgA) with influenza virus in patientsâ€™ nasopharyngeal aspirate cells. Journal of Virological Methods, 2018, 252, 8-14.	2.1	5
29	Developing an Online Simulation to Teach Enzyme Kinetics to Undergraduate Biochemistry Students. Advances in Educational Marketing, Administration, and Leadership Book Series, 2020, , 281-302.	0.2	4
30	Manipulating leukocyte populations to mimic immune disease states: a novel active approach to teaching flow cytometry to undergraduate immunology students. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 247-253.	1.6	3
31	Role of saturated and unsaturated fatty acids on dicarbonylâ€“albumin derived advanced glycation end products in vitro. Amino Acids, 2021, , 1.	2.7	2
32	A guided interactive simulation as a tool to teach the classical approach of monoclonal antibody (MAb) production to undergraduate immunology students. Journal of Biological Education, 2024, 58, 130-143.	1.5	2
33	Methylglyoxal Impairs Sister Chromatid Separation in Lymphocytes. International Journal of Molecular Sciences, 2022, 23, 4139.	4.1	2
34	Determining the Reactivity and Titre of Serum using a Haemagglutination Assay. Journal of Visualized Experiments, 2010, , .	0.3	1
35	Measuring the Asian seabass (Lates calcarifer) neutrophil respiratory burst activity by the dihydrorhodamine-123 reduction flow cytometry assay in whole blood. Fish and Shellfish Immunology, 2019, 92, 871-880.	3.6	1
36	Assay optimization for measuring the alternate complement pathway activity in Asian seabass (Lates) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	1