

# Luciano Carlo Ottonello

## List of Publications by Year in descending order

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89  
papers

3,200  
citations

147801

31  
h-index

161849

54  
g-index

92  
all docs

92  
docs citations

92  
times ranked

5105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Mesenchymal Stem Cells Inhibit Neutrophil Apoptosis: A Model for Neutrophil Preservation in the Bone Marrow Niche. <i>Stem Cells</i> , 2008, 26, 151-162.	3.2	442
2	Tissue injury in neutrophilic inflammation. <i>Inflammation Research</i> , 1997, 46, 382-391.	4.0	180
3	Multimorbidity and polypharmacy in the elderly: lessons from REPOSI. <i>Internal and Emergency Medicine</i> , 2014, 9, 723-734.	2.0	121
4	Tumor necrosis factor-alpha (TNF- $\alpha$ ) induces integrin CD11b/CD18 (Mac-1) up-regulation and migration to the CC chemokine CCL3 (MIP-1 $\alpha$ ) on human neutrophils through defined signalling pathways. <i>Cellular Signalling</i> , 2008, 20, 557-568.	3.6	107
5	Systemic and Intraplaque Mediators of Inflammation Are Increased in Patients Symptomatic for Ischemic Stroke. <i>Stroke</i> , 2010, 41, 1394-1404.	2.0	106
6	Exocytosis of azurophil and arginase 1-containing granules by activated polymorphonuclear neutrophils is required to inhibit T lymphocyte proliferation. <i>Journal of Leukocyte Biology</i> , 2011, 89, 721-727.	3.3	106
7	Stromal Cell-Derived Factor-1 as a Chemoattractant for Follicular Center Lymphoma B Cells. <i>Journal of the National Cancer Institute</i> , 2000, 92, 628-635.	6.3	92
8	Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443-451.	1.6	87
9	Leptin as a Uremic Toxin Interferes with Neutrophil Chemotaxis. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 2366-2372.	6.1	78
10	Induction of Neutrophil Chemotaxis by Leptin: Crucial Role for p38 and Src Kinases. <i>Annals of the New York Academy of Sciences</i> , 2006, 1069, 463-471.	3.8	78
11	Oxidative Stress Mediates Apoptotic Changes Induced by Hyperglycemia in Human Tubular Kidney Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 85S-87.	6.1	77
12	Gender-differences in disease distribution and outcome in hospitalized elderly: Data from the REPOSI study. <i>European Journal of Internal Medicine</i> , 2014, 25, 617-623.	2.2	75
13	Cytoprotection against neutrophil derived hypochlorous acid: a potential mechanism for the therapeutic action of 5-aminosalicylic acid in ulcerative colitis.. <i>Gut</i> , 1990, 31, 184-186.	12.1	72
14	CCL19 and CXCL12 Trigger in Vitro Chemotaxis of Human Mantle Cell Lymphoma B Cells. <i>Clinical Cancer Research</i> , 2004, 10, 964-971.	7.0	64
15	Adherence to antithrombotic therapy guidelines improves mortality among elderly patients with atrial fibrillation: insights from the REPOSI study. <i>Clinical Research in Cardiology</i> , 2016, 105, 912-920.	3.3	63
16	Tumor cell lysis by activated human neutrophils: Analysis of neutrophil-delivered oxidative attack and role of leukocyte function-associated antigen 1. <i>Inflammation</i> , 1991, 15, 15-30.	3.8	58
17	Differential regulation of spontaneous and immune complex-induced neutrophil apoptosis by proinflammatory cytokines. Role of oxidants, Bax and caspase-3. <i>Journal of Leukocyte Biology</i> , 2002, 72, 125-32.	3.3	51
18	CCL3 (MIP-1 $\alpha$ ) induces in vitro migration of GM-CSF-primed human neutrophils via CCR5-dependent activation of ERK 1/2. <i>Cellular Signalling</i> , 2005, 17, 355-363.	3.6	50

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19	HPLC determination of adenosine in human synovial fluid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 1143-1146.	2.8	48
20	A novel role of the CX3CR1/CX3CL1 system in the cross-talk between chronic lymphocytic leukemia cells and tumor microenvironment. <i>Leukemia</i> , 2011, 25, 1268-1277.	7.2	47
21	Tumour necrosis factor alpha-induced oxidative burst in neutrophils adherent to fibronectin: effects of cyclic AMP-elevating agents. <i>British Journal of Haematology</i> , 1995, 91, 566-570.	2.5	44
22	Proteolytic inactivation of alpha-1-antitrypsin by human neutrophils: involvement of multiple and interlinked cell responses to phagocytosable targets. <i>European Journal of Clinical Investigation</i> , 1994, 24, 42-49.	3.4	42
23	Synthesis and biological evaluation of novel heterocyclic ionone-like derivatives as anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5152-5160.	3.0	42
24	CX3CR1 Is Expressed by Human B Lymphocytes and Mediates CX3CL1 Driven Chemotaxis of Tonsil Centrocytes. <i>PLoS ONE</i> , 2009, 4, e8485.	2.5	40
25	Chemotaxis of human tonsil B lymphocytes to CC chemokine receptor (CCR) 1, CCR2 and CCR4 ligands is restricted to non-germinal center cells. <i>International Immunology</i> , 2002, 14, 883-892.	4.0	39
26	Delayed Neutrophil Apoptosis Induced by Synovial Fluid in Rheumatoid Arthritis. <i>Annals of the New York Academy of Sciences</i> , 2002, 966, 226-231.	3.8	38
27	Immune complex stimulation of neutrophil apoptosis: investigating the involvement of oxidative and nonoxidative pathways. <i>Free Radical Biology and Medicine</i> , 2001, 30, 161-169.	2.9	36
28	Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443.	1.6	36
29	Transforming growth factor- $\beta$ 1 in supernatants from stored red blood cells inhibits neutrophil locomotion. <i>Blood</i> , 2003, 102, 1100-1107.	1.4	35
30	Sulphonamides as Anti-Inflammatory Agents: Old Drugs for New Therapeutic Strategies in Neutrophilic Inflammation?. <i>Clinical Science</i> , 1995, 88, 331-336.	4.3	33
31	Effect of different cytokines on mammaglobin and maspin gene expression in normal leukocytes: possible relevance to the assays for the detection of micrometastatic breast cancer. <i>British Journal of Cancer</i> , 2005, 92, 1948-1952.	6.4	32
32	Neutrophil dysfunction and increased susceptibility to infection. <i>European Journal of Clinical Investigation</i> , 1995, 25, 687-692.	3.4	31
33	Chemokine receptor expression and function in childhood acute lymphoblastic leukemia of B-lineage. <i>Leukemia Research</i> , 2006, 30, 365-372.	0.8	31
34	Nonleukoreduced red blood cell transfusion induces a sustained inhibition of neutrophil chemotaxis by stimulating in vivo production of transforming growth factor- $\beta$ 1 by neutrophils: role of the immunoglobulinlike transcript 1, sFasL, and sHLA-I. <i>Transfusion</i> , 2007, 47, 1395-1404.	1.6	30
35	Antiproliferative and Proapoptotic Activities of a New Class of Pyrazole Derivatives in HL60 Cells. <i>Chemistry and Biodiversity</i> , 2009, 6, 1674-1687.	2.1	30
36	Neutrophil migration towards C5a and CXCL8 is prevented by nonsteroidal anti-inflammatory drugs via inhibition of different pathways. <i>British Journal of Pharmacology</i> , 2014, 171, 3376-3393.	5.4	29

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37	Adherence to antibiotic treatment guidelines and outcomes in the hospitalized elderly with different types of pneumonia. <i>European Journal of Internal Medicine</i> , 2015, 26, 330-337.	2.2	25
38	Recombinant Tumor Necrosis Factor Enhances the Locomotion of Memory and Naive B Lymphocytes From Human Tonsils Through the Selective Engagement of the Type II Receptor. <i>Blood</i> , 1997, 90, 4493-4501.	1.4	24
39	Activation of neutrophil respiratory burst by cytokines and chemoattractants. Regulatory role of extracellular matrix glycoproteins. <i>Inflammation Research</i> , 1998, 47, 345-350.	4.0	24
40	Synthesis and Biological Evaluation of <i>N</i> -Pyrazolyl- <i>N</i> -alkyl/benzyl/phenylureas: a New Class of Potent Inhibitors of Interleukin 8-Induced Neutrophil Chemotaxis. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3618-3626.	6.4	24
41	Prophylaxis of venous thromboembolism in elderly patients with multimorbidity. <i>Internal and Emergency Medicine</i> , 2013, 8, 509-520.	2.0	23
42	Coronary artery calcification and cardiovascular risk: the role of RANKL/OPG signalling. <i>European Journal of Clinical Investigation</i> , 2010, 40, 645-654.	3.4	22
43	Non-invasive ventilation in the treatment of sleep-related breathing disorders: A review and update. <i>Revista Portuguesa De Pneumologia</i> , 2014, 20, 324-335.	0.7	22
44	Pain and Frailty in Hospitalized Older Adults. <i>Pain and Therapy</i> , 2020, 9, 727-740.	3.2	22
45	The Anti-Inflammatory Drug Nimesulide Inhibits Neutrophil Adherence to and Migration Across Monolayers of Cytokine-Activated Endothelial Cells. <i>Respiration</i> , 1994, 61, 336-341.	2.6	21
46	Nimesulide as a Downregulator of the Activity of the Neutrophil Myeloperoxidase Pathway. <i>Drugs</i> , 1993, 46, 29-33.	10.9	20
47	Cytoprotection against neutrophil-delivered oxidant attack by antibiotics. <i>Biochemical Pharmacology</i> , 1991, 42, 2317-2321.	4.4	18
48	Dexamethasone-Induced Apoptosis of Human Monocytes Exposed to Immune Complexes. Intervention of CD95-and Xiap-Dependent Pathways. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 403-415.	2.1	18
49	Delayed apoptosis of human monocytes exposed to immune complexes is reversed by oxaprozin: role of the Akt/I $\kappa$ B kinase/nuclear factor $\kappa$ B pathway. <i>British Journal of Pharmacology</i> , 2009, 157, 294-306.	5.4	18
50	Pattern of comorbidities and 1-year mortality in elderly patients with COPD hospitalized in internal medicine wards: data from the RePoSI Registry. <i>Internal and Emergency Medicine</i> , 2021, 16, 389-400.	2.0	18
51	Acipimox reduces circulating levels of insulin and associated neutrophilic inflammation in metabolic syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E681-E690.	3.5	17
52	Choice and Outcomes of Rate Control versus Rhythm Control in Elderly Patients with Atrial Fibrillation: A Report from the REPOSI Study. <i>Drugs and Aging</i> , 2018, 35, 365-373.	2.7	17
53	The Anti-Inflammatory Drug Nimesulide Rescues Alpha-1-Proteinase Inhibitor from Oxidative Inactivation by Phagocytosing Neutrophils. <i>Respiration</i> , 1992, 59, 1-4.	2.6	16
54	A review of the emerging profile of the anti-inflammatory drug oxaprozin. <i>Expert Opinion on Pharmacotherapy</i> , 2005, 6, 777-785.	1.8	16

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55	Monoclonal LYM-1 antibody-dependent cytotoxicity by human neutrophils exposed to GM-CSF: auto-regulation of target cell attack by cathepsin G. <i>Journal of Leukocyte Biology</i> , 2004, 75, 99-105.	3.3	15
56	Chimaeric Lym-1 monoclonal antibody-mediated cytotoxicity by neutrophils from G-CSF-treated patients: stimulation by GM-CSF and role of Fcγ <sub>3</sub> -receptors. <i>British Journal of Cancer</i> , 2001, 85, 463-469.	6.4	14
57	Synthesis and biological evaluation of neutrophilic inflammation inhibitors. <i>Il Farmaco</i> , 2004, 59, 223-235.	0.9	14
58	The Drug 5-Aminosalicylic Acid Rescues α <sub>1</sub> -Proteinase Inhibitor from the Neutrophil Oxidative Inactivation. <i>Digestion</i> , 1992, 51, 140-145.	2.3	13
59	Chlorhexidine prevents hypochlorous acid-induced inactivation of α <sub>1</sub> -antitrypsin. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, e72-7.	1.9	13
60	Cefoperazone Prevents the Inactivation of α <sub>1</sub> -Antitrypsin by Activated Neutrophils. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2307-2310.	3.2	12
61	In vitro inhibition of human neutrophil histotoxicity by ambroxol: evidence for a multistep mechanism. <i>British Journal of Pharmacology</i> , 2003, 140, 736-742.	5.4	12
62	Lymphoproliferative Disorders and Chemokines. <i>Current Drug Targets</i> , 2006, 7, 81-90.	2.1	12
63	TRANSFUSION PRACTICE: sHLA-β <sub>2</sub> contaminating molecules as novel mechanism of ex vivo in vitro transcriptional and posttranscriptional modulation of transforming growth factor-β <sub>2</sub> in CD8 <sup>+</sup> T lymphocytes and neutrophils after intravenous immunoglobulin treatment. <i>Transfusion</i> , 2010, 50, 547-555.	1.6	12
64	Joint use of cardio-embolic and bleeding risk scores in elderly patients with atrial fibrillation. <i>European Journal of Internal Medicine</i> , 2013, 24, 800-806.	2.2	12
65	Editorial [Hot Topic: The Chemokine Network as Therapeutic Target in Human Diseases (Guest Editor:)] <i>Trends in Pharmacology and Therapeutics</i> , 2011, 32, 11-15.	2.1	11
66	Insulin Primes Human Neutrophils for CCL3-Induced Migration: Crucial Role for JNK 1/2. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 399-407.	3.8	11
67	Chemoattractant-induced release of elastase by tumor necrosis factor-primed human neutrophils: Auto-regulation by endogenous adenosine. <i>Inflammation Research</i> , 1999, 48, 637-642.	4.0	10
68	Sulphasalazine accelerates apoptosis in neutrophils exposed to immune complex: Role of caspase pathway. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1132-1135.	1.9	10
69	Prevalence and Determinants of the Use of Lipid-Lowering Agents in a Population of Older Hospitalized Patients: the Findings from the REPOSI (REGistro POLiterapie SocietÀ Italiana di Medicina) <i>Trends in Pharmacology and Therapeutics</i> , 2011, 32, 11-15.	2.1	10
70	Pharmacological implications in the switch from acute to chronic inflammation. <i>Inflammopharmacology</i> , 2002, 10, 159-171.	3.9	8
71	Immune Complexes Induce Monocyte Survival through Defined Intracellular Pathways. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 209-219.	3.8	8
72	Intestinal Radiation-Induced Stricture Favours Small Bowel Obstruction by Phytobezoar: Report of a Case. <i>Gastroenterology Research and Practice</i> , 2009, 2009, 1-4.	1.5	8

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73	Use of oral anticoagulant drugs in older patients with atrial fibrillation in internal medicine wards. <i>European Journal of Internal Medicine</i> , 2018, 52, e12-e14.	2.2	8
74	Triggering of respiratory burst by tumor necrosis factor in neutrophils adherent to fibronectin. Evidence for a crucial role of CD18 glycoproteins. <i>Agents and Actions</i> , 1994, 41, 57-61.	0.7	7
75	Nephrotic syndrome in a patient with IgM myeloma with associated neutrophilia. <i>European Journal of Haematology</i> , 2007, 79, 76-80.	2.2	7
76	FMLP- and TNF-stimulated monoclonal Lym-1 antibody-dependent lysis of B lymphoblastoid tumour targets by neutrophils. <i>British Journal of Cancer</i> , 1999, 80, 331-337.	6.4	6
77	Neutrophil Oxidative Responses. <i>Drug Investigation</i> , 1991, 3, 71-74.	0.6	5
78	Hospital Care of Older Patients With COPD: Adherence to International Guidelines for Use of Inhaled Bronchodilators and Corticosteroids. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1313-1317.e9.	2.5	5
79	Suppression of Neutrophil Chloramine Production by Nimesulide. <i>Drug Investigation</i> , 1991, 3, 75-78.	0.6	4
80	Pharmacological properties of nimesulide. , 2005, , 133-244.		4
81	Sepsis by <i>Pasteurella multocida</i> in an Elderly Immunocompetent Patient after a Cat Bite. <i>Case Reports in Infectious Diseases</i> , 2017, 2017, 1-4.	0.5	4
82	Oxaprozin-Induced Apoptosis on CD40 Ligand-Treated Human Primary Monocytes Is Associated with the Modulation of Defined Intracellular Pathways. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-9.	3.0	3
83	Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443-451.	1.6	2
84	Are there any Differences among Non-Steroidal Anti-Inflammatory Drugs? Focus on Nimesulide. <i>Clinical Drug Investigation</i> , 2007, 27, 15-22.	2.2	2
85	Gout, allopurinol intake and clinical outcomes in the hospitalized multimorbid elderly. <i>European Journal of Internal Medicine</i> , 2014, 25, 847-852.	2.2	1
86	The multifaceted spectrum of liver cirrhosis in older hospitalised patients: analysis of the REPOSI registry. <i>Age and Ageing</i> , 2021, 50, 498-504.	1.6	1
87	Transient inhibition of neutrophil migration following plasma or plasma-platelet apheresis donation procedures. <i>Blood Transfusion</i> , 2015, 13, 682-3.	0.4	1
88	Tumor Necrosis Factor (TNF) Enhances the Locomotion of Low-Density Human Tonsillar B Lymphocytes through the Selective Triggering of Type II Receptor. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 364-366.	3.8	0
89	Synthesis and Biological Evaluation of Neutrophilic Inflammation Inhibitors.. <i>ChemInform</i> , 2004, 35, no.	0.0	0