

Maria Bianca Bertolotto

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,591
citations

201385

27
h-index

189595

50
g-index

60
all docs

60
docs citations

60
times ranked

4236
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.	1.4	442
2	CB2 cannabinoid receptor activation is cardioprotective in a mouse model of ischemia/reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 612-620.	0.9	153
3	Anti-Apolipoprotein A-1 auto-antibodies are active mediators of atherosclerotic plaque vulnerability. <i>European Heart Journal</i> , 2011, 32, 412-421.	1.0	110
4	Tumor necrosis factor-alpha (TNF- α) induces integrin CD11b/CD18 (Mac-1) up-regulation and migration to the CC chemokine CCL3 (MIP-1 α) on human neutrophils through defined signalling pathways. <i>Cellular Signalling</i> , 2008, 20, 557-568.	1.7	107
5	Systemic and Intraplaque Mediators of Inflammation Are Increased in Patients Symptomatic for Ischemic Stroke. <i>Stroke</i> , 2010, 41, 1394-1404.	1.0	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.	1.5	106
7	Inhibition of Nicotinamide Phosphoribosyltransferase Reduces Neutrophil-Mediated Injury in Myocardial Infarction. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 630-641.	2.5	95
8	Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443-451.	0.7	87
9	Endothelial and Smooth Muscle Cells from Abdominal Aortic Aneurysm Have Increased Oxidative Stress and Telomere Attrition. <i>PLoS ONE</i> , 2012, 7, e35312.	1.1	87
10	The activation of the cannabinoid receptor type 2 reduces neutrophilic protease-mediated vulnerability in atherosclerotic plaques. <i>European Heart Journal</i> , 2012, 33, 846-856.	1.0	81
11	Leptin as a Uremic Toxin Interferes with Neutrophil Chemotaxis. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 2366-2372.	3.0	78
12	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.	1.8	78
13	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.	1.5	51
14	CCL3 (MIP-1 α) 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.	1.7	50
15	Serum levels of anti-apolipoprotein A-1 auto-antibodies and myeloperoxidase as predictors of major adverse cardiovascular events after carotid endarterectomy. <i>Thrombosis and Haemostasis</i> , 2013, 109, 706-715.	1.8	48
16	Treatment with Angiotensin-(1-7) reduces inflammation in carotid atherosclerotic plaques. <i>Thrombosis and Haemostasis</i> , 2014, 111, 736-747.	1.8	47
17	Nicotinamide phosphoribosyltransferase inhibition reduces intraplaque CXCL1 production and associated neutrophil infiltration in atherosclerotic mice. <i>Thrombosis and Haemostasis</i> , 2014, 112, 308-322.	1.8	44
18	Synthesis and biological evaluation of novel heterocyclic ionone-like derivatives as anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5152-5160.	1.4	42

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19	Treatment with recombinant tissue plasminogen activator (r-TPA) induces neutrophil degranulation in vitro via defined pathways. <i>Vascular Pharmacology</i> , 2015, 64, 16-27.	1.0	42
20	Serum levels of osteopontin predict major adverse cardiovascular events in patients with severe carotid artery stenosis. <i>International Journal of Cardiology</i> , 2018, 255, 195-199.	0.8	40
21	CX3CR1 Is Expressed by Human B Lymphocytes and Meditates CX3CL1 Driven Chemotaxis of Tonsil Centrocytes. <i>PLoS ONE</i> , 2009, 4, e8485.	1.1	40
22	Receptor activator of NF- κ B ligand (RANKL) increases the release of neutrophil products associated with coronary vulnerability. <i>Thrombosis and Haemostasis</i> , 2012, 107, 124-139.	1.8	34
23	Interleukin-30 Promotes Breast Cancer Growth and Progression. <i>Cancer Research</i> , 2016, 76, 6218-6229.	0.4	32
24	Role of neutrophils in atherogenesis: an update. <i>European Journal of Clinical Investigation</i> , 2016, 46, 252-263.	1.7	32
25	Safety and Feasibility of Fasting-Mimicking Diet and Effects on Nutritional Status and Circulating Metabolic and Inflammatory Factors in Cancer Patients Undergoing Active Treatment. <i>Cancers</i> , 2021, 13, 4013.	1.7	31
26	Nonleukoreduced red blood cell transfusion induces a sustained inhibition of neutrophil chemotaxis by stimulating in vivo production of transforming growth factor- β 1 by neutrophils: role of the immunoglobulinlike transcript 1, sFasL, and sHLA-I. <i>Transfusion</i> , 2007, 47, 1395-1404.	0.8	30
27	Antiproliferative and Proapoptotic Activities of a New Class of Pyrazole Derivatives in HL60 Cells. <i>Chemistry and Biodiversity</i> , 2009, 6, 1674-1687.	1.0	30
28	Neutrophil migration towards CX5a and CXCL8 is prevented by nonsteroidal anti-inflammatory drugs via inhibition of different pathways. <i>British Journal of Pharmacology</i> , 2014, 171, 3376-3393.	2.7	29
29	Statin Treatment Is Associated with Reduction in Serum Levels of Receptor Activator of NF- κ B Ligand and Neutrophil Activation in Patients with Severe Carotid Stenosis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	26
30	Resistin exerts a beneficial role in atherosclerotic plaque inflammation by inhibiting neutrophil migration. <i>International Journal of Cardiology</i> , 2018, 272, 13-19.	0.8	25
31	Baseline hsCRP predicts hypertension remission in metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13128.	1.7	24
32	Coronary artery calcification and cardiovascular risk: the role of RANKL/OPG signalling. <i>European Journal of Clinical Investigation</i> , 2010, 40, 645-654.	1.7	22
33	Serum adiponectin levels predict acute coronary syndrome (ACS) in patients with severe carotid stenosis. <i>Vascular Pharmacology</i> , 2018, 102, 37-43.	1.0	21
34	Leptin/adiponectin ratio predicts poststroke neurological outcome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1184-1191.	1.7	20
35	Anti-apolipoprotein A-1 auto-antibodies as active modulators of atherothrombosis. <i>Thrombosis and Haemostasis</i> , 2016, 116, 554-564.	1.8	20
36	Vitamin D receptor is expressed within human carotid plaques and correlates with pro-inflammatory M1 macrophages. <i>Vascular Pharmacology</i> , 2016, 85, 57-65.	1.0	20

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37	Serum PCSK9 levels predict the occurrence of acute coronary syndromes in patients with severe carotid artery stenosis. <i>International Journal of Cardiology</i> , 2018, 263, 138-141.	0.8	20
38	Early reduction of matrix metalloproteinase-8 serum levels is associated with leptin drop and predicts diabetes remission after bariatric surgery. <i>International Journal of Cardiology</i> , 2017, 245, 257-262.	0.8	19
39	Thrombin induces protease-activated receptor 1 signaling and activation of human atrial fibroblasts and dabigatran prevents these effects. <i>International Journal of Cardiology</i> , 2018, 271, 219-227.	0.8	19
40	Delayed apoptosis of human monocytes exposed to immune complexes is reversed by oxaprozin: role of the Akt/I κ B kinase/nuclear factor κ B pathway. <i>British Journal of Pharmacology</i> , 2009, 157, 294-306.	2.7	18
41	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.	1.8	17
42	Intraplaque Expression of C-Reactive Protein Predicts Cardiovascular Events in Patients with Severe Atherosclerotic Carotid Artery Stenosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	17
43	A review of the emerging profile of the anti-inflammatory drug oxaprozin. <i>Expert Opinion on Pharmacotherapy</i> , 2005, 6, 777-785.	0.9	16
44	Treatment with KLEPTOSE [®] CRYSMEB reduces mouse atherogenesis by impacting on lipid profile and Th1 lymphocyte response. <i>Vascular Pharmacology</i> , 2015, 72, 197-208.	1.0	14
45	Serum lipoprotein (a) predicts acute coronary syndromes in patients with severe carotid stenosis. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12888.	1.7	13
46	Recombinant Tissue Plasminogen Activator (r-tPA) Induces In-Vitro Human Neutrophil Migration via Low Density Lipoprotein Receptor-Related Protein 1 (LRP-1). <i>International Journal of Molecular Sciences</i> , 2020, 21, 7014.	1.8	13
47	Cefoperazone Prevents the Inactivation of α -Antitrypsin by Activated Neutrophils. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2307-2310.	1.4	12
48	In vitro inhibition of human neutrophil histotoxicity by ambroxol: evidence for a multistep mechanism. <i>British Journal of Pharmacology</i> , 2003, 140, 736-742.	2.7	12
49	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.	1.8	11
50	Ficolin-2 serum levels predict the occurrence of acute coronary syndrome in patients with severe carotid artery stenosis. <i>Pharmacological Research</i> , 2021, 166, 105462.	3.1	10
51	Immune Complexes Induce Monocyte Survival through Defined Intracellular Pathways. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 209-219.	1.8	8
52	Platelet-to-lymphocyte ratio at the time of carotid endarterectomy is associated with acute coronary syndrome occurrence. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 80-82.	0.6	8
53	Serum osteopontin predicts glycaemic profile improvement in metabolic syndrome: A pilot study. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13403.	1.7	8
54	6-Amino-4-oxo-1,3-diphenyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonyl derivatives as a new class of potent inhibitors of Interleukin-8-induced neutrophil chemotaxis. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3580-3587.	1.4	7

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55	Treatment with sulphated galactan inhibits macrophage chemotaxis and reduces intraplaque macrophage content in atherosclerotic mice. <i>Vascular Pharmacology</i> , 2015, 71, 84-92.	1.0	7
56	Neutrophil degranulation biomarkers characterize restrictive echocardiographic pattern with diastolic dysfunction in patients with diabetes. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13640.	1.7	5
57	Oxaprozín-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
58	Establishment and Characterization of a Novel Fibroblastic Cell Line (SCI13D) Derived from the Broncho-Alveolar Lavage of a Patient with Fibrotic Hypersensitivity Pneumonitis. <i>Biomedicines</i> , 2021, 9, 1193.	1.4	3
59	Transient inhibition of neutrophil migration following plasma or plasma-platelet apheresis donation procedures. <i>Blood Transfusion</i> , 2015, 13, 682-3.	0.3	1
60	FC027: Uric Acid Stimulates Cytoskeleton Pathways in Vascular Smooth Muscle Cells Through F-ACTIN Polymerization and Atrogin, β -tubulin and SM22 up Regulation. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0