

Andrea Cignarella

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,627
citations

172457

29
h-index

206112

48
g-index

72
all docs

72
docs citations

72
times ranked

4006
citing authors

#	ARTICLE	IF	CITATIONS
1	Convenience versus Biological Significance: Are PMA-Differentiated THP-1 Cells a Reliable Substitute for Blood-Derived Macrophages When Studying in Vitro Polarization?. <i>Frontiers in Pharmacology</i> , 2018, 9, 71.	3.5	180
2	Gender Differences in Endothelial Progenitor Cells and Cardiovascular Risk Profile. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 997-1004.	2.4	162
3	Estrogen, Angiogenesis, Immunity and Cell Metabolism: Solving the Puzzle. <i>International Journal of Molecular Sciences</i> , 2018, 19, 859.	4.1	123
4	Metabolic syndrome, inflammation and atherosclerosis. <i>Vascular Health and Risk Management</i> , 2006, 2, 145-152.	2.3	113
5	Rupture of the Atherosclerotic Plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 535-542.	2.4	107
6	ATP binding cassette transporter ABCA1 modulates the secretion of apolipoprotein E from human monocyte-derived macrophages. <i>FASEB Journal</i> , 2001, 15, 1555-1561.	0.5	99
7	NOVEL LIPID-LOWERING PROPERTIES OF VACCINIUM MYRTILLUS L. LEAVES, A TRADITIONAL ANTIDIABETIC TREATMENT, IN SEVERAL MODELS OF RAT DYSLIPIDAEMIA: A COMPARISON WITH CIPROFIBRATE. <i>Thrombosis Research</i> , 1996, 84, 311-322.	1.7	98
8	Reduced PMA enhances the responsiveness of transfected THP-1 macrophages to polarizing stimuli. <i>Journal of Immunological Methods</i> , 2014, 402, 76-81.	1.4	94
9	Alternative Activation of Human Macrophages Is Rescued by Estrogen Treatment In Vitro and Impaired by Menopausal Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E50-E58.	3.6	89
10	Bone Marrow Macrophages Contribute to Diabetic Stem Cell Mobilopathy by Producing Oncostatin M. <i>Diabetes</i> , 2015, 64, 2957-2968.	0.6	85
11	Phenotypic activation and pharmacological outcomes of spontaneously differentiated human monocyte-derived macrophages. <i>Immunobiology</i> , 2015, 220, 545-554.	1.9	75
12	The Acute Estrogenic Dilatation of Rat Aorta Is Mediated Solely by Selective Estrogen Receptor- β Agonists and Is Abolished by Estrogen Deprivation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 1203-1208.	2.5	70
13	Macrophage Function and Polarization in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1127-1134.	2.4	66
14	Dietary Mono- and Polyunsaturated Fatty Acids Similarly Affect LDL Size in Healthy Men and Women. <i>Journal of Nutrition</i> , 2002, 132, 715-718.	2.9	56
15	Emerging role of estrogen in the control of cardiometabolic disease. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 183-189.	8.7	55
16	The Glycolytic Enzyme PFKFB3 Is Involved in Estrogen-Mediated Angiogenesis via GPER1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 398-407.	2.5	53
17	Prolonged Ovarian Hormone Deprivation Impairs the Protective Vascular Actions of Estrogen Receptor β Agonists. <i>Hypertension</i> , 2008, 51, 1210-1217.	2.7	52
18	Differential effects of low- and high-dose estrogen treatments on vascular responses in female rats. <i>Life Sciences</i> , 1997, 60, 2291-2302.	4.3	51

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19	Diabetes-Associated Myelopoiesis Drives Stem Cell Mobilopathy Through an OSM-p66Shc Signaling Pathway. <i>Diabetes</i> , 2019, 68, 1303-1314.	0.6	47
20	Diabetes Undermines Estrogen Control of Inducible Nitric Oxide Synthase Function in Rat Aortic Smooth Muscle Cells Through Overexpression of Estrogen Receptor- β . <i>Circulation</i> , 2003, 108, 211-217.	1.6	46
21	Selective Agonists of Estrogen Receptor Isoforms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2192-2199.	2.4	46
22	Shift of monocyte subsets along their continuum predicts cardiovascular outcomes. <i>Atherosclerosis</i> , 2017, 266, 95-102.	0.8	42
23	Vasoprotective activity of standardized <i>Achillea millefolium</i> extract. <i>Phytomedicine</i> , 2011, 18, 1031-1036.	5.3	38
24	Diabetes abolishes the vascular protective effects of estrogen in female rats. <i>Life Sciences</i> , 1999, 64, 741-749.	4.3	36
25	Pharmacological regulation of cholesterol efflux in human monocyte-derived macrophages in the absence of exogenous cholesterol acceptors. <i>Atherosclerosis</i> , 2005, 179, 229-236.	0.8	35
26	Selective estrogen receptor- α agonist provides widespread heart and vascular protection with enhanced endothelial progenitor cell mobilization in the absence of uterotrophic action. <i>FASEB Journal</i> , 2010, 24, 2262-2272.	0.5	34
27	Effects of androgens on endothelial progenitor cells <i>in vitro</i> and <i>in vivo</i> . <i>Clinical Science</i> , 2009, 117, 355-364.	4.3	33
28	The estrogen-macrophage interplay in the homeostasis of the female reproductive tract. <i>Human Reproduction Update</i> , 2018, 24, 652-672.	10.8	32
29	Novel statins: pharmacological and clinical results. <i>Cardiovascular Drugs and Therapy</i> , 2002, 16, 251-257.	2.6	30
30	Differential Effects of Lovastatin on the Trafficking of Endogenous and Lipoprotein-Derived Cholesterol in Human Monocyte-Derived Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1322-1329.	2.4	29
31	Characterizing and quantifying leukocyte populations in human adipose tissue: Impact of enzymatic tissue processing. <i>Journal of Immunological Methods</i> , 2012, 386, 50-59.	1.4	28
32	Pharmacotherapy of obesity: An update. <i>Pharmacological Research</i> , 2021, 169, 105649.	7.1	28
33	Hypolipidemic therapy for the metabolic syndrome. <i>Pharmacological Research</i> , 2006, 53, 492-500.	7.1	26
34	The continuum of monocyte phenotypes: Experimental evidence and prognostic utility in assessing cardiovascular risk. <i>Journal of Leukocyte Biology</i> , 2018, 103, 1021-1028.	3.3	26
35	Potential pro-inflammatory action of resveratrol in vascular smooth muscle cells from normal and diabetic rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 322-329.	2.6	25
36	Distinct Roles of Estrogen Receptor- α and β in the Modulation of Vascular Inducible Nitric-Oxide Synthase in Diabetes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 174-182.	2.5	23

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37	Structure-Function Relationship Studies In Vitro Reveal Distinct and Specific Effects of Long-Chain Metabolites of Vitamin E. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700562.	3.3	21
38	Mitochondrial Calcium Uptake Is Instrumental to Alternative Macrophage Polarization and Phagocytic Activity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4966.	4.1	21
39	Regulation of SIRT1 in Vascular Smooth Muscle Cells from Streptozotocin-Diabetic Rats. <i>PLoS ONE</i> , 2013, 8, e65666.	2.5	20
40	Direct effects of estrogen on the vessel wall. <i>Medicinal Research Reviews</i> , 2001, 21, 171-184.	10.5	18
41	Non-genomic mechanisms in the estrogen regulation of glycolytic protein levels in endothelial cells. <i>FASEB Journal</i> , 2020, 34, 12768-12784.	0.5	18
42	Pharmacologic PPAR- β Activation Reprograms Bone Marrow Macrophages and Partially Rescues HSPC Mobilization in Human and Murine Diabetes. <i>Diabetes</i> , 2020, 69, 1562-1572.	0.6	18
43	Gender differences and antioxidant treatment affect aortic reactivity in short-term diabetic rats. <i>European Journal of Pharmacology</i> , 2001, 431, 71-79.	3.5	17
44	Interplay between gut microbiota and <i>p66Shc</i> affects obesity-associated insulin resistance. <i>FASEB Journal</i> , 2018, 32, 4004-4015.	0.5	17
45	Sex Differences in the Pro-Angiogenic Response of Human Endothelial Cells: Focus on PFKFB3 and FAK Activation. <i>Frontiers in Pharmacology</i> , 2020, 11, 587221.	3.5	17
46	Activation profiles of monocyte-macrophages and HDL function in healthy women in relation to menstrual cycle and in polycystic ovary syndrome patients. <i>Endocrine</i> , 2019, 66, 360-369.	2.3	16
47	Sex-tailored pharmacology and COVID-19: Next steps towards appropriateness and health equity. <i>Pharmacological Research</i> , 2021, 173, 105848.	7.1	16
48	Pharmacological Approaches to Controlling Cardiometabolic Risk in Women with PCOS. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9554.	4.1	15
49	Estrogen Receptor Functions and Pathways at the Vascular Immune Interface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4254.	4.1	15
50	Downregulation of the Selectin Ligand-Producing Fucosyltransferases Fuc-TIV and Fuc-TVII During Foam Cell Formation in Monocyte-Derived Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 1591-1598.	2.4	15
51	Raloxifene Elicits Combined Rapid Vasorelaxation and Long-Term Anti-Inflammatory Actions in Rat Aorta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1444-1451.	2.5	14
52	Mechanisms of estrogen protection in diabetes and metabolic disease. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 4, 575-580.	0.7	13
53	Effects of digitoxin on cell migration in ovarian cancer inflammatory microenvironment. <i>Biochemical Pharmacology</i> , 2018, 154, 414-423.	4.4	13
54	Diabetes influences the effect of 17 β -estradiol on mechanical responses of rat urethra and detrusor strips. <i>Life Sciences</i> , 2000, 66, 617-627.	4.3	12

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55	Clinical efficacy and safety of angiogenesis inhibitors: sex differences and current challenges. <i>Cardiovascular Research</i> , 2022, 118, 988-1003.	3.8	12
56	Mild polypharmacy and MCI progression in older adults: the mediation effect of drug-drug interactions. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 49-56.	2.9	11
57	Effect of the ATP-sensitive potassium channel opener ZM226600 on cystometric parameters in rats with ligature-intact, partial urethral obstruction. <i>European Journal of Pharmacology</i> , 2005, 516, 71-77.	3.5	10
58	The emerging link between nutrition, inflammation and atherosclerosis. <i>Expert Review of Cardiovascular Therapy</i> , 2006, 4, 385-393.	1.5	10
59	Upregulation of inducible NO synthase by exogenous adenosine in vascular smooth muscle cells activated by inflammatory stimuli in experimental diabetes. <i>Cardiovascular Diabetology</i> , 2016, 15, 32.	6.8	10
60	Targeting of PFKFB3 with miR-206 but not miR-26b inhibits ovarian cancer cell proliferation and migration involving FAK downregulation. <i>FASEB Journal</i> , 2022, 36, e22140.	0.5	9
61	Gender differences and pharmacological regulation of angiogenesis induced by synovial fluids in inflammatory arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113181.	5.6	9
62	Targeting interleukin-1 γ hampers atherosclerosis progression – Is there great promise?. <i>Atherosclerosis</i> , 2011, 217, 64-66.	0.8	8
63	Bisdemethoxycurcumin and Its Cyclized Pyrazole Analogue Differentially Disrupt Lipopolysaccharide Signalling in Human Monocyte-Derived Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	3.0	5
64	Phagocytosis and inflammation in crystal-induced arthritis: a synovial fluid and in vitro study. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 494-500.	0.8	5
65	Enhancing Endothelial Progenitor Cell Function Through Selective Estrogen Receptor Modulation: A Potential Approach to Cardiovascular Risk Reduction. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2010, 8, 147-155.	1.0	4
66	Impact of statins on novel risk markers. <i>Cardiovascular Drugs and Therapy</i> , 2003, 17, 361-366.	2.6	2
67	Can we stabilize unstable plaque?. <i>Current Atherosclerosis Reports</i> , 2003, 5, 423-424.	4.8	2
68	Innate Immunity in Inflammation. , 2018, , 179-190.		1
69	Phagocytosis and inflammation in crystal-induced arthritis: a synovial fluid and in vitro study. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 494-500.	0.8	1
70	Increasingly selective pharmacologic targets in cardiovascular disease. <i>Current Atherosclerosis Reports</i> , 2007, 9, 89-90.	4.8	0
71	Animal and cellular models for hypolipidemic drugs. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 61-69.	5.0	0