Silvia Stella Barbieri

List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	2,045 citations	257101 24 h-index	243296 44 g-index
60 all docs	60 docs citations	60 times ranked	3626 citing authors

#	Article	IF	Citations
1	The Î±2-adrenergic receptor pathway modulating depression influences the risk of arterial thrombosis associated with BDNFVal66Met polymorphism. Biomedicine and Pharmacotherapy, 2022, 146, 112557.	2.5	4
2	Prenylcysteine Oxidase 1 (PCYOX1), a New Player in Thrombosis. International Journal of Molecular Sciences, 2022, 23, 2831.	1.8	6
3	Are platelets more than a model of brain neurons?. , 2022, 1, .		2
4	Platelet-derived extracellular vesicles regulate cell cycle progression and cell migration in breast cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118886.	1.9	23
5	Persistent long-term platelet activation and endothelial perturbation in women with Takotsubo syndrome. Biomedicine and Pharmacotherapy, 2021, 136, 111259.	2.5	7
6	Potential Relation between Plasma BDNF Levels and Human Coronary Plaque Morphology. Diagnostics, 2021, 11, 1010.	1.3	6
7	Apocynin Prevents Anxiety-Like Behavior and Histone Deacetylases Overexpression Induced by Sub-Chronic Stress in Mice. Biomolecules, 2021, 11, 885.	1.8	11
8	Plasma Exosome Profile in ST-Elevation Myocardial Infarction Patients with and without Out-of-Hospital Cardiac Arrest. International Journal of Molecular Sciences, 2021, 22, 8065.	1.8	6
9	Fenretinide treatment accelerates atherosclerosis development in apoEâ€deficient mice in spite of beneficial metabolic effects. British Journal of Pharmacology, 2020, 177, 328-345.	2.7	21
10	Proteomics of Extracellular Vesicles: Update on Their Composition, Biological Roles and Potential Use as Diagnostic Tools in Atherosclerotic Cardiovascular Diseases. Diagnostics, 2020, 10, 843.	1.3	22
11	Depression and Cardiovascular Disease: The Viewpoint of Platelets. International Journal of Molecular Sciences, 2020, 21, 7560.	1.8	27
12	Exosomes in Cardiovascular Diseases. Diagnostics, 2020, 10, 943.	1.3	38
13	Kynurenine pathway is altered in BDNF Val66Met knock-in mice: Effect of physical exercise. Brain, Behavior, and Immunity, 2020, 89, 440-450.	2.0	14
14	Impact of Acute and Chronic Stress on Thrombosis in Healthy Individuals and Cardiovascular Disease Patients. International Journal of Molecular Sciences, 2020, 21, 7818.	1.8	27
15	Impact of BDNF Val66Met Polymorphism on Myocardial Infarction: Exploring the Macrophage Phenotype. Cells, 2020, 9, 1084.	1.8	19
16	BDNF Val66Met polymorphism alters food intake and hypothalamic BDNF expression in mice. Journal of Cellular Physiology, 2020, 235, 9667-9675.	2.0	16
17	Physical Exercise Affects Adipose Tissue Profile and Prevents Arterial Thrombosis in BDNF Val66Met Mice. Cells, 2019, 8, 875.	1.8	16
18	Patho- physiological role of BDNF in fibrin clotting. Scientific Reports, 2019, 9, 389.	1.6	19

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19	Biology and Role of Extracellular Vesicles (EVs) in the Pathogenesis of Thrombosis. International Journal of Molecular Sciences, 2019, 20, 2840.	1.8	114
20	PCSK9 as a PositiveÂModulator of Platelet Activation. Journal of the American College of Cardiology, 2018, 71, 952-954.	1.2	60
21	D-dimer is associated with arterial and venous coronary artery bypass graft occlusion. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 200-207.e3.	0.4	7
22	PCSK9 Involvement in Aortic Valve Calcification. Journal of the American College of Cardiology, 2018, 72, 3225-3227.	1.2	34
23	Sub-Chronic Stress Exacerbates the Pro-Thrombotic Phenotype in BDNFVal/Met Mice: Gene-Environment Interaction in the Modulation of Arterial Thrombosis. International Journal of Molecular Sciences, 2018, 19, 3235.	1.8	15
24	Association between Obesity and Circulating Brain-Derived Neurotrophic Factor (BDNF) Levels: Systematic Review of Literature and Meta-Analysis. International Journal of Molecular Sciences, 2018, 19, 2281.	1.8	82
25	BDNFVal66met polymorphism: a potential bridge between depression and thrombosis. European Heart Journal, 2017, 38, ehv655.	1.0	49
26	Cigarette smoke aqueous extract affects endothelium, monocytes and their interaction. Atherosclerosis, 2017, 263, e133.	0.4	0
27	Effect of cigarette smoke on monocyte procoagulant activity: Focus on platelet-derived brain-derived neurotrophic factor (BDNF). Platelets, 2017, 28, 60-65.	1.1	17
28	Prostaglandin-endoperoxide synthase-2 deletion affects the natural trafficking of Annexin A2 in monocytes and favours venous thrombosis in mice. Thrombosis and Haemostasis, 2017, 117, 1486-1497.	1.8	18
29	Effect of Clotting Duration and Temperature on BDNF Measurement in Human Serum. International Journal of Molecular Sciences, 2017, 18, 1987.	1.8	29
30	Apocynin Prevents Abnormal Megakaryopoiesis and Platelet Activation Induced by Chronic Stress. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	16
31	Role of thromboxane-dependent platelet activation in venous thrombosis: Aspirin effects in mouse model. Pharmacological Research, 2016, 107, 415-425.	3.1	37
32	Vascular pentraxin 3 controls arterial thrombosis by targeting collagen and fibrinogen induced platelets aggregation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1182-1190.	1.8	32
33	Abnormal megakaryopoiesis and platelet function in cyclooxygenase-2-deficient mice. Thrombosis and Haemostasis, 2015, 114, 1218-1229.	1.8	11
34	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. Journal of Experimental Medicine, 2015, 212, 905-925.	4.2	128
35	Proteomics of tissue factor silencing in cardiomyocytic cells reveals a new role for this coagulation factor in splicing machinery control. Journal of Proteomics, 2015, 119, 75-89.	1.2	5
36	Production of prostaglandin E₂induced by cigarette smoke modulates tissue factor expression and activity in endothelial cells. FASEB Journal, 2015, 29, 4001-4010.	0.2	15

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37	Data for proteomic analysis of murine cardiomyocytic HL-1 cells treated with siRNA against tissue factor. Data in Brief, 2015, 3, 117-119.	0.5	1
38	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. Journal of Cell Biology, 2015, 209, 2094OIA93.	2.3	0
39	In vivo prostacyclin biosynthesis and effects of different aspirin regimens in patients with essential thrombocythaemia. Thrombosis and Haemostasis, 2014, 112, 118-127.	1.8	19
40	Eicosanoids and Their Drugs in Cardiovascular Diseases: Focus on Atherosclerosis and Stroke. Medicinal Research Reviews, 2013, 33, 364-438.	5.0	93
41	Cyclooxygenase-2â€“Derived Prostacyclin Regulates Arterial Thrombus Formation by Suppressing Tissue Factor in a Sirtuin-1â€“Dependent-Manner. Circulation, 2012, 126, 1373-1384.	1.6	46
42	Cytokines present in smokers' serum interact with smoke components to enhance endothelial dysfunction. Cardiovascular Research, 2011, 90, 475-483.	1.8	107
43	Tobacco smoke regulates the expression and activity of microsomal prostaglandin E synthaseâ€1: role of prostacyclin and NADPHâ€oxidase. FASEB Journal, 2011, 25, 3731-3740.	0.2	16
44	A role for inflammatory mediators in heterologous desensitization of CysLT1 receptor in human monocytes. Journal of Lipid Research, 2010, 51, 1075-1084.	2.0	10
45	Effects of Transforming Growth Factor-Î²1 on Human Vocal Fold Fibroblasts. Annals of Otology, Rhinology and Laryngology, 2009, 118, 218-226.	0.6	54
46	Cyclooxygenase-2 mediates hydrogen peroxide-induced wound repair in human endothelial cells. Free Radical Biology and Medicine, 2009, 46, 1428-1436.	1.3	45
47	Mitochondrial reactive oxygen species: a common pathway for PAR1- and PAR2-mediated tissue factor induction in human endothelial cells. Journal of Thrombosis and Haemostasis, 2009, 7, 206-216.	1.9	141
48	Suppressing PTEN Activity by Tobacco Smoke Plus Interleukin-1Î² Modulates Dissociation of VE-Cadherin/Î²-Catenin Complexes in Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 732-738.	1.1	50
49	Tobacco smoke cooperates with interleukinâ€1Î² to alter Î²â€catenin trafficking in vascular endothelium resulting in increased permeability and induction of cyclooxygenaseâ€2 expression in vitro and in vivo. FASEB Journal, 2007, 21, 1831-1843.	0.2	83
50	Paracrine up-regulation of monocyte cyclooxygenase-2 by platelets: Role of transforming growth factor-Î²1. Cardiovascular Research, 2007, 74, 270-278.	1.8	16
51	Effect of nâ€3 fatty acids on carotid atherosclerosis and haemostasis in patients with combined hyperlipoproteinemia: A doubleâ€blind pilot study in primary prevention. Annals of Medicine, 2006, 38, 367-375.	1.5	27
52	Indobufen inhibits tissue factor in human monocytes through a thromboxane-mediated mechanism. Cardiovascular Research, 2006, 69, 218-226.	1.8	29
53	Diversity and similarity in signaling events leading to rapid Cox-2 induction by tumor necrosis factor-? and phorbol ester in human endothelial cells. Cardiovascular Research, 2005, 65, 683-693.	1.8	52
54	Rapid Wnt/Î²-Catenin Pathway Activation by Tobacco Smoke Modulates Cyclooxygenase-2 Expression in Cardiac Microvascular Endothelial Cells.. Blood, 2005, 106, 3697-3697.	0.6	0

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55	Apocynin prevents cyclooxygenase 2 expression in human monocytes through NADPH oxidase and glutathione redox-dependent mechanisms. Free Radical Biology and Medicine, 2004, 37, 156-165.	1.3	146
56	Reactive oxygen species mediate cyclooxygenase-2 induction during monocyte to macrophage differentiation: critical role of NADPH oxidase. Cardiovascular Research, 2003, 60, 187-197.	1.8	120
57	Oxidized phospholipids inhibit cyclooxygenase-2 in human macrophages via nuclear factor-Î¹B/IÎ¹B- and ERK2-dependent mechanisms. Cardiovascular Research, 2002, 55, 406-415.	1.8	34
58	Brain-Derived Neurotrophic Factor and Extracellular Vesicle-Derived miRNAs in an Italian Cohort of Individuals With Obesity: A Key to Explain the Link Between Depression and Atherothrombosis. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	3