

# Silvia Stella Barbieri

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,045  
citations

257450

24  
h-index

243625

44  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apocynin prevents cyclooxygenase 2 expression in human monocytes through NADPH oxidase and glutathione redox-dependent mechanisms. <i>Free Radical Biology and Medicine</i> , 2004, 37, 156-165.	2.9	146
2	Mitochondrial reactive oxygen species: a common pathway for PAR1- and PAR2-mediated tissue factor induction in human endothelial cells. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 206-216.	3.8	141
3	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. <i>Journal of Experimental Medicine</i> , 2015, 212, 905-925.	8.5	128
4	Reactive oxygen species mediate cyclooxygenase-2 induction during monocyte to macrophage differentiation: critical role of NADPH oxidase. <i>Cardiovascular Research</i> , 2003, 60, 187-197.	3.8	120
5	Biology and Role of Extracellular Vesicles (EVs) in the Pathogenesis of Thrombosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2840.	4.1	114
6	Cytokines present in smokers' serum interact with smoke components to enhance endothelial dysfunction. <i>Cardiovascular Research</i> , 2011, 90, 475-483.	3.8	107
7	Eicosanoids and Their Drugs in Cardiovascular Diseases: Focus on Atherosclerosis and Stroke. <i>Medicinal Research Reviews</i> , 2013, 33, 364-438.	10.5	93
8	Tobacco smoke cooperates with interleukin-1 $\beta$ to alter $\beta$ -catenin trafficking in vascular endothelium resulting in increased permeability and induction of cyclooxygenase-2 expression in vitro and in vivo. <i>FASEB Journal</i> , 2007, 21, 1831-1843.	0.5	83
9	Association between Obesity and Circulating Brain-Derived Neurotrophic Factor (BDNF) Levels: Systematic Review of Literature and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2281.	4.1	82
10	PCSK9 as a Positive Modulator of Platelet Activation. <i>Journal of the American College of Cardiology</i> , 2018, 71, 952-954.	2.8	60
11	Effects of Transforming Growth Factor- $\beta$ 1 on Human Vocal Fold Fibroblasts. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2009, 118, 218-226.	1.1	54
12	Diversity and similarity in signaling events leading to rapid Cox-2 induction by tumor necrosis factor- $\alpha$ and phorbol ester in human endothelial cells. <i>Cardiovascular Research</i> , 2005, 65, 683-693.	3.8	52
13	Suppressing PTEN Activity by Tobacco Smoke Plus Interleukin-1 $\beta$ Modulates Dissociation of VE-Cadherin/ $\beta$ -Catenin Complexes in Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 732-738.	2.4	50
14	BDNF Val66met polymorphism: a potential bridge between depression and thrombosis. <i>European Heart Journal</i> , 2017, 38, ehv655.	2.2	49
15	Cyclooxygenase-2-Derived Prostacyclin Regulates Arterial Thrombus Formation by Suppressing Tissue Factor in a Sirtuin-1-Dependent-Manner. <i>Circulation</i> , 2012, 126, 1373-1384.	1.6	46
16	Cyclooxygenase-2 mediates hydrogen peroxide-induced wound repair in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1428-1436.	2.9	45
17	Exosomes in Cardiovascular Diseases. <i>Diagnostics</i> , 2020, 10, 943.	2.6	38
18	Role of thromboxane-dependent platelet activation in venous thrombosis: Aspirin effects in mouse model. <i>Pharmacological Research</i> , 2016, 107, 415-425.	7.1	37

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19	Oxidized phospholipids inhibit cyclooxygenase-2 in human macrophages via nuclear factor- $\kappa$ B/ $\text{I}\kappa$ B- and ERK2-dependent mechanisms. <i>Cardiovascular Research</i> , 2002, 55, 406-415.	3.8	34
20	PCSK9 Involvement in Aortic Valve Calcification. <i>Journal of the American College of Cardiology</i> , 2018, 72, 3225-3227.	2.8	34
21	Vascular pentraxin 3 controls arterial thrombosis by targeting collagen and fibrinogen induced platelets aggregation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1182-1190.	3.8	32
22	Indobufen inhibits tissue factor in human monocytes through a thromboxane-mediated mechanism. <i>Cardiovascular Research</i> , 2006, 69, 218-226.	3.8	29
23	Effect of Clotting Duration and Temperature on BDNF Measurement in Human Serum. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1987.	4.1	29
24	Effect of $\omega$ 3 fatty acids on carotid atherosclerosis and haemostasis in patients with combined hyperlipoproteinemia: A double-blind pilot study in primary prevention. <i>Annals of Medicine</i> , 2006, 38, 367-375.	3.8	27
25	Depression and Cardiovascular Disease: The Viewpoint of Platelets. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7560.	4.1	27
26	Impact of Acute and Chronic Stress on Thrombosis in Healthy Individuals and Cardiovascular Disease Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7818.	4.1	27
27	Platelet-derived extracellular vesicles regulate cell cycle progression and cell migration in breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118886.	4.1	23
28	Proteomics of Extracellular Vesicles: Update on Their Composition, Biological Roles and Potential Use as Diagnostic Tools in Atherosclerotic Cardiovascular Diseases. <i>Diagnostics</i> , 2020, 10, 843.	2.6	22
29	Fenretinide treatment accelerates atherosclerosis development in apoE-deficient mice in spite of beneficial metabolic effects. <i>British Journal of Pharmacology</i> , 2020, 177, 328-345.	5.4	21
30	In vivo prostacyclin biosynthesis and effects of different aspirin regimens in patients with essential thrombocythaemia. <i>Thrombosis and Haemostasis</i> , 2014, 112, 118-127.	3.4	19
31	Patho-physiological role of BDNF in fibrin clotting. <i>Scientific Reports</i> , 2019, 9, 389.	3.3	19
32	Impact of BDNF Val66Met Polymorphism on Myocardial Infarction: Exploring the Macrophage Phenotype. <i>Cells</i> , 2020, 9, 1084.	4.1	19
33	Prostaglandin-endoperoxide synthase-2 deletion affects the natural trafficking of Annexin A2 in monocytes and favours venous thrombosis in mice. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1486-1497.	3.4	18
34	Effect of cigarette smoke on monocyte procoagulant activity: Focus on platelet-derived brain-derived neurotrophic factor (BDNF). <i>Platelets</i> , 2017, 28, 60-65.	2.3	17
35	Paracrine up-regulation of monocyte cyclooxygenase-2 by platelets: Role of transforming growth factor- $\beta$ 1. <i>Cardiovascular Research</i> , 2007, 74, 270-278.	3.8	16
36	Tobacco smoke regulates the expression and activity of microsomal prostaglandin E synthase-1: role of prostacyclin and NADPH-oxidase. <i>FASEB Journal</i> , 2011, 25, 3731-3740.	0.5	16

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37	Apocynin Prevents Abnormal Megakaryopoiesis and Platelet Activation Induced by Chronic Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	16
38	Physical Exercise Affects Adipose Tissue Profile and Prevents Arterial Thrombosis in BDNF Val66Met Mice. <i>Cells</i> , 2019, 8, 875.	4.1	16
39	BDNF Val66Met polymorphism alters food intake and hypothalamic BDNF expression in mice. <i>Journal of Cellular Physiology</i> , 2020, 235, 9667-9675.	4.1	16
40	Production of prostaglandin E <sub>2</sub> induced by cigarette smoke modulates tissue factor expression and activity in endothelial cells. <i>FASEB Journal</i> , 2015, 29, 4001-4010.	0.5	15
41	Sub-Chronic Stress Exacerbates the Pro-Thrombotic Phenotype in BDNFVal/Met Mice: Gene-Environment Interaction in the Modulation of Arterial Thrombosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3235.	4.1	15
42	Kynurenine pathway is altered in BDNF Val66Met knock-in mice: Effect of physical exercise. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 440-450.	4.1	14
43	Abnormal megakaryopoiesis and platelet function in cyclooxygenase-2-deficient mice. <i>Thrombosis and Haemostasis</i> , 2015, 114, 1218-1229.	3.4	11
44	Apocynin Prevents Anxiety-Like Behavior and Histone Deacetylases Overexpression Induced by Sub-Chronic Stress in Mice. <i>Biomolecules</i> , 2021, 11, 885.	4.0	11
45	A role for inflammatory mediators in heterologous desensitization of CysLT1 receptor in human monocytes. <i>Journal of Lipid Research</i> , 2010, 51, 1075-1084.	4.2	10
46	D-dimer is associated with arterial and venous coronary artery bypass graft occlusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 200-207.e3.	0.8	7
47	Persistent long-term platelet activation and endothelial perturbation in women with Takotsubo syndrome. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111259.	5.6	7
48	Potential Relation between Plasma BDNF Levels and Human Coronary Plaque Morphology. <i>Diagnostics</i> , 2021, 11, 1010.	2.6	6
49	Plasma Exosome Profile in ST-Elevation Myocardial Infarction Patients with and without Out-of-Hospital Cardiac Arrest. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8065.	4.1	6
50	Preylcysteine Oxidase 1 (PCYOX1), a New Player in Thrombosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2831.	4.1	6
51	Proteomics of tissue factor silencing in cardiomyocytic cells reveals a new role for this coagulation factor in splicing machinery control. <i>Journal of Proteomics</i> , 2015, 119, 75-89.	2.4	5
52	The $\beta$ -adrenergic receptor pathway modulating depression influences the risk of arterial thrombosis associated with BDNFVal66Met polymorphism. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112557.	5.6	4
53	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. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	3
54	Are platelets more than a model of brain neurons?. , 2022, 1, .		2

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55	Data for proteomic analysis of murine cardiomyocytic HL-1 cells treated with siRNA against tissue factor. Data in Brief, 2015, 3, 117-119.	1.0	1
56	Cigarette smoke aqueous extract affects endothelium, monocytes and their interaction. Atherosclerosis, 2017, 263, e133.	0.8	0
57	Rapid Wnt/ $\beta$ -Catenin Pathway Activation by Tobacco Smoke Modulates Cyclooxygenase-2 Expression in Cardiac Microvascular Endothelial Cells.. Blood, 2005, 106, 3697-3697.	1.4	0
58	An acidic microenvironment sets the humoral pattern recognition molecule PTX3 in a tissue repair mode. Journal of Cell Biology, 2015, 209, 2094OIA93.	5.2	0