Maria Grazia Signorello

List of Publications by Year
in descending order

43	871	394421	501196
papers	citations	19 h-index	28 g-index

44	44	44	1071
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coumarin, chromone, and 4(3H)-pyrimidinone novel bicyclic and tricyclic derivatives as antiplatelet agents: synthesis, biological evaluation, and comparative molecular field analysis. Bioorganic and Medicinal Chemistry, 2003, 11, 123-138.	3.0	61
2	Effect of homocysteine on arachidonic acid release in human platelets. European Journal of Clinical Investigation, 2002, 32, 279-284.	3.4	57
3	Activation of p38 MAPKinase/cPLA2pathway in homocysteine-treated platelets. Journal of Thrombosis and Haemostasis, 2006, 4, 209-216.	3.8	45
4	Homocysteine, reactive oxygen species and nitric oxide in type 2 diabetes mellitus. Thrombosis Research, 2007, 120, 607-613.	1.7	45
5	Effects of homocysteine on l -arginine transport and nitric oxide formation in human platelets. European Journal of Clinical Investigation, 2003, 33, 713-719.	3.4	40
6	HYPERACTIVITY AND INCREASED HYDROGEN PEROXIDE FORMATION IN PLATELETS OF NIDDM PATIENTS. Thrombosis Research, 1997, 86, 153-160.	1.7	38
7	Synthesis, antiplatelet activity and comparative molecular field analysis of substituted 2-amino-4 H -pyrido[1,2- a]pyrimidin-4-ones, their congeners and isosteric analogues. Bioorganic and Medicinal Chemistry, 2000, 8, 751-768.	3.0	37
8	Homocysteine decreases platelet NO level via protein kinase C activation. Nitric Oxide - Biology and Chemistry, 2009, 20, 104-113.	2.7	36
9	Synthesis and In Vitro Antiplatelet Activity of New 4-(1-Piperazinyl)coumarin Derivatives. Human Platelet Phosphodiesterase 3 Inhibitory Properties of the Two Most Effective Compounds Described and Molecular Modeling Study on Their Interactions with Phosphodiesterase 3A Catalytic Site. Journal of Medicinal Chemistry, 2007, 50, 2886-2895.	6.4	33
10	Platelet activation by collagen is increased in retinal vein occlusion. Thrombosis and Haemostasis, 2007, 97, 218-227.	3.4	31
11	From pomegranate marcs to a potential bioactive ingredient: a recycling proposal for pomegranate-squeezed marcs. European Food Research and Technology, 2020, 246, 273-285.	3.3	29
12	A role for PLCÎ³2 in platelet activation by homocysteine. Journal of Cellular Biochemistry, 2007, 100, 1255-1265.	2.6	25
13	Effect of 2(1-piperazinyl)-4H-pyrido[1,2-a]pyrimidin-4-one (AP155) on human platelets in vitro. Biochemical Pharmacology, 1997, 53, 1667-1672.	4.4	24
14	Synthesis and in vitro inhibitory activity on human platelet aggregation of novel properly substituted 4-(1-piperazinyl)coumarins. European Journal of Medicinal Chemistry, 2004, 39, 397-409.	5.5	24
15	Transport of l-arginine and nitric oxide formation in human platelets. FEBS Journal, 2003, 270, 2005-2012.	0.2	23
16	Effect of 2-arachidonoylglycerol on myosin light chain phosphorylation and platelet activation: The role of phosphatidylinositol 3 kinase/AKT pathway. Biochimie, 2014, 105, 182-191.	2.6	22
17	Reshaped as polyester-based nanoparticles, gallic acid inhibits platelet aggregation, reactive oxygen species production and multi-resistant Gram-positive bacteria with an efficiency never obtained. Nanoscale Advances, 2019, 1, 4148-4157.	4.6	22
18	Synthesis, inÂvitro antiplatelet activity and molecular modelling studies of 10-substituted 2-(1-piperazinyl)pyrimido[1,2- a]benzimidazol-4(10 H)-ones. European Journal of Medicinal Chemistry, 2013, 62, 564-578.	5.5	20

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19	The anandamide effect on NO/cGMP pathway in human platelets. Journal of Cellular Biochemistry, 2011, 112, 924-932.	2.6	19
20	Activation of Human Platelets by 2-Arachidonoylglycerol: Role of PKC in NO/cGMP Pathway Modulation. Current Neurovascular Research, 2011, 8, 200-209.	1.1	18
21	Mechanisms involved in the antiplatelet activity of 8-methyl-4-(1-piperazinyl)-7-(3-pyridinylmethoxy)-2H-1-benzopyran-2-one (RC414). Biochemical Pharmacology, 2004, 67, 911-918.	4.4	16
22	Extramitochondrial energy production in platelets. Biology of the Cell, 2018, 110, 97-108.	2.0	16
23	In retinal vein occlusion platelet response to thrombin is increased. Thrombosis Research, 2009, 124, e48-e55.	1.7	15
24	Modulation of l-arginine transport and nitric oxide production by gabexate mesylate. Biochemical Pharmacology, 2002, 64, 277-283.	4.4	13
25	New Hybrid Pyrazole and Imidazopyrazole Antinflammatory Agents Able to Reduce ROS Production in Different Biological Targets. Molecules, 2020, 25, 899.	3.8	13
26	Reactive Oxygen Species Accumulation Induced by Homocysteine in Human Platelets. Annals of the New York Academy of Sciences, 2002, 973, 546-549.	3.8	12
27	Activation by 2-arachidonoylglycerol of platelet p38MAPK/cPLA2 pathway. Journal of Cellular Biochemistry, 2011, 112, 2794-2802.	2.6	12
28	N-ethylmaleimide-stimulated arachidonic acid release in human platelets. Biochemical Pharmacology, 1999, 57, 785-791.	4.4	11
29	The l-arginine/NO pathway in the early phases of platelet stimulation by collagen. Biochemical Pharmacology, 2005, 69, 289-296.	4.4	11
30	The arachidonic acid effect on platelet nitric oxide level. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 1084-1092.	2.4	11
31	The 2-arachidonoylglycerol effect on myosin light chain phosphorylation in human platelets. Biochimie, 2013, 95, 1620-1628.	2.6	11
32	Lectin-induced oxidative stress in human platelets. Redox Biology, 2020, 32, 101456.	9.0	11
33	MECHANISM OF ACTION OF TWO NEW PYRIMIDOQUINOLINE AND ISOQUINOLINE DERIVATIVES IN HUMAN PLATELETS. Thrombosis Research, 1997, 87, 483-492.	1.7	9
34	Adenylic Dinucleotides Produced by CD38 Are Negative Endogenous Modulators of Platelet Aggregation. Journal of Biological Chemistry, 2008, 283, 24460-24468.	3.4	9
35	N-Ethylmaleimide inhibition of thrombin-induced platelet aggregation. Biochemical Pharmacology, 1999, 58, 1293-1299.	4.4	8
36	Regulation of <scp>L</scp>â€arginine uptake by Ca²⁺ in human platelets. FEBS Letters, 1999, 461, 43-46.	2.8	8

#	Article	IF	Citations
37	Impaired l-arginine uptake in platelets from type-2 diabetic patients. Biotechnology and Applied Biochemistry, 2001, 34, 19.	3.1	6
38	The molecular mechanisms involved in lectin-induced human platelet aggregation. Biological Chemistry, 2017, 398, 1335-1346.	2.5	6
39	Activation of CaMKKÎ²/AMPKÎ± pathway by 2â€AG in human platelets. Journal of Cellular Biochemistry, 2018, 119, 876-884.	2.6	6
40	New Series of Pyrazoles and Imidazo-Pyrazoles Targeting Different Cancer and Inflammation Pathways. Molecules, 2021, 26, 5735.	3.8	6
41	Regulation of cAMP Intracellular Levels in Human Platelets Stimulated by 2â€Arachidonoylglycerol. Journal of Cellular Biochemistry, 2016, 117, 1240-1249.	2.6	5
42	Hydrogen peroxide formation in platelets of patients with non-insulin-dependent diabetes mellitus. Platelets, 1998, 9, 213-217.	2.3	4
43	Anandamide Induces Platelet Nitric Oxide Synthase through AMPâ€Activated Protein Kinase. Lipids, 2018, 53, 851-861.	1.7	2