Dina Vara

List of Publications by Year
in descending order

25	839	623734	580821
papers	citations	14 h-index	25 g-index

25	25	25	1355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteomics Identifies Thymidine Phosphorylase As a Key Regulator of the Angiogenic Potential of Colony-Forming Units and Endothelial Progenitor Cell Cultures. Circulation Research, 2009, 104, 32-40.	4.5	121
2	Reactive Oxygen Species: Physiological Roles in the Regulation of Vascular Cells. Current Molecular Medicine, 2014, 14, 1103-1125.	1.3	100
3	Interactions between endothelial cells and a poly(carbonate-silsesquioxane-bridge-urea)urethane. Biomaterials, 2005, 26, 6271-6279.	11.4	91
4	Cardiovascular tissue engineering: state of the art. Pathologie Et Biologie, 2005, 53, 599-612.	2.2	88
5	The novel <scp>NOX</scp> inhibitor 2â€acetylphenothiazine impairs collagenâ€dependent thrombus formation in a <scp>GPVI</scp>â€dependent manner. British Journal of Pharmacology, 2013, 168, 212-224.	5.4	64
6	Amyloid Î²-peptide-dependent activation of human platelets: essential role for Ca2+ and ADP in aggregation and thrombus formation. Biochemical Journal, 2014, 462, 513-523.	3.7	44
7	In vitro small intestinal epithelial cell growth on a nanocomposite polycaprolactone scaffold. Biotechnology and Applied Biochemistry, 2009, 54, 221-229.	3.1	36
8	Assessment of the potential of progenitor stem cells extracted from human peripheral blood for seeding a novel vascular graft material. Cell Proliferation, 2008, 41, 321-335.	5.3	34
9	Direct Activation of NADPH Oxidase 2 by 2-Deoxyribose-1-Phosphate Triggers Nuclear Factor Kappa B-Dependent Angiogenesis. Antioxidants and Redox Signaling, 2018, 28, 110-130.	5.4	29
10	Amyloid PeptideÎ²1-42 Induces IntegrinÎ±IIbÎ²3 Activation, Platelet Adhesion, and Thrombus Formation in a NADPH Oxidase-Dependent Manner. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	4.0	27
11	Review paper: Principles and Applications of Surface Analytical Techniques at the Vascular Interface. Journal of Biomaterials Applications, 2006, 21, 5-32.	2.4	26
12	Extracellular Fibrinogen-binding Protein (Efb) from Staphylococcus aureus Inhibits the Formation of Platelet-Leukocyte Complexes. Journal of Biological Chemistry, 2016, 291, 2764-2776.	3.4	26
13	A novel combinatorial technique for simultaneous quantification of oxygen radicals and aggregation reveals unexpected redox patterns in the activation of platelets by different physiopathological stimuli. Haematologica, 2019, 104, 1879-1891.	3.5	18
14	A novel flow cytometry assay using dihydroethidium as redox-sensitive probe reveals NADPH oxidase-dependent generation of superoxide anion in human platelets exposed to amyloid peptide Î². Platelets, 2019, 30, 181-189.	2.3	17
15	NADPH Oxidases Are Required for Full Platelet Activation In Vitro and Thrombosis In Vivo but Dispensable for Plasma Coagulation and Hemostasis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 683-697.	2.4	16
16	Diabetes and Thrombosis: A Central Role for Vascular Oxidative Stress. Antioxidants, 2021, 10, 706.	5.1	15
17	The effect of shear stress on human endothelial cells seeded on cylindrical viscoelastic conduits: an investigation of gene expression. Biotechnology and Applied Biochemistry, 2006, 45, 119.	3.1	14
18	Haemodynamic Regulation of Gene Expression in Vascular Tissue Engineering. Current Vascular Pharmacology, 2011, 9, 167-187.	1.7	12

#	Article	IF	Citations
19	Expression of Protease-Activated Receptor 1 and 2 and Anti-Tubulogenic Activity of Protease-Activated Receptor 1 in Human Endothelial Colony-Forming Cells. PLoS ONE, 2014, 9, e109375.	2.5	11
20	NADPH oxidase 1 is a novel pharmacological target for the development of an antiplatelet drug without bleeding side effects. FASEB Journal, 2020, 34, 13959-13977.	0.5	10
21	Development of an RNA isolation procedure for the characterisation of human endothelial cell interactions with polyurethane cardiovascular bypass grafts. Biomaterials, 2005, 26, 3987-3993.	11.4	9
22	Endothelial Cell Retention on a Viscoelastic Nanocomposite Vascular Conduit Is Improved by Exposure to Shear Stress Preconditioning Prior to Physiological Flow. Artificial Organs, 2008, 32, 977-981.	1.9	9
23	A novel method for the extraction and culture of progenitor stem cells from human peripheral blood for use in regenerative medicine. Biotechnology and Applied Biochemistry, 2011, 58, 328-334.	3.1	9
24	Autocrine amplification of integrin Î±IIbÎ²3 activation and platelet adhesive responses by deoxyribose-1-phosphate. Thrombosis and Haemostasis, 2013, 109, 1108-1119.	3.4	9
25	The longâ€term stability in gene expression of human endothelial cells permits the production of large numbers of cells suitable for use in regenerative medicine. Biotechnology and Applied Biochemistry, 2011, 58, 371-375.	3.1	4