

Dina Vara

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

839
citations

623734

14
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580821

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docs citations

25
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	NADPH Oxidases Are Required for Full Platelet Activation In Vitro and Thrombosis In Vivo but Dispensable for Plasma Coagulation and Hemostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 683-697.	2.4	16
2	Diabetes and Thrombosis: A Central Role for Vascular Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 706.	5.1	15
3	NADPH oxidase 1 is a novel pharmacological target for the development of an antiplatelet drug without bleeding side effects. <i>FASEB Journal</i> , 2020, 34, 13959-13977.	0.5	10
4	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. <i>Haematologica</i> , 2019, 104, 1879-1891.	3.5	18
5	Amyloid Peptide β 1-42 Induces Integrin α IIb β 3 Activation, Platelet Adhesion, and Thrombus Formation in a NADPH Oxidase-Dependent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	27
6	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 β . <i>Platelets</i> , 2019, 30, 181-189.	2.3	17
7	Direct Activation of NADPH Oxidase 2 by 2-Deoxyribose-1-Phosphate Triggers Nuclear Factor Kappa B-Dependent Angiogenesis. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 110-130.	5.4	29
8	Extracellular Fibrinogen-binding Protein (Efb) from <i>Staphylococcus aureus</i> Inhibits the Formation of Platelet-Leukocyte Complexes. <i>Journal of Biological Chemistry</i> , 2016, 291, 2764-2776.	3.4	26
9	Amyloid β -peptide-dependent activation of human platelets: essential role for Ca ²⁺ and ADP in aggregation and thrombus formation. <i>Biochemical Journal</i> , 2014, 462, 513-523.	3.7	44
10	Expression of Protease-Activated Receptor 1 and 2 and Anti-Tubulogenic Activity of Protease-Activated Receptor 1 in Human Endothelial Colony-Forming Cells. <i>PLoS ONE</i> , 2014, 9, e109375.	2.5	11
11	Reactive Oxygen Species: Physiological Roles in the Regulation of Vascular Cells. <i>Current Molecular Medicine</i> , 2014, 14, 1103-1125.	1.3	100
12	The novel NOX inhibitor 2-acetylphenothiazine impairs collagen-dependent thrombus formation in a GPVI-dependent manner. <i>British Journal of Pharmacology</i> , 2013, 168, 212-224.	5.4	64
13	Autocrine amplification of integrin α IIb β 3 activation and platelet adhesive responses by deoxyribose-1-phosphate. <i>Thrombosis and Haemostasis</i> , 2013, 109, 1108-1119.	3.4	9
14	A novel method for the extraction and culture of progenitor stem cells from human peripheral blood for use in regenerative medicine. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 328-334.	3.1	9
15	The long-term stability in gene expression of human endothelial cells permits the production of large numbers of cells suitable for use in regenerative medicine. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 371-375.	3.1	4
16	Haemodynamic Regulation of Gene Expression in Vascular Tissue Engineering. <i>Current Vascular Pharmacology</i> , 2011, 9, 167-187.	1.7	12
17	Proteomics Identifies Thymidine Phosphorylase As a Key Regulator of the Angiogenic Potential of Colony-Forming Units and Endothelial Progenitor Cell Cultures. <i>Circulation Research</i> , 2009, 104, 32-40.	4.5	121
18	<i>In vitro</i> small intestinal epithelial cell growth on a nanocomposite polycaprolactone scaffold. <i>Biotechnology and Applied Biochemistry</i> , 2009, 54, 221-229.	3.1	36

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19	Endothelial Cell Retention on a Viscoelastic Nanocomposite Vascular Conduit Is Improved by Exposure to Shear Stress Preconditioning Prior to Physiological Flow. <i>Artificial Organs</i> , 2008, 32, 977-981.	1.9	9
20	Assessment of the potential of progenitor stem cells extracted from human peripheral blood for seeding a novel vascular graft material. <i>Cell Proliferation</i> , 2008, 41, 321-335.	5.3	34
21	Review paper: Principles and Applications of Surface Analytical Techniques at the Vascular Interface. <i>Journal of Biomaterials Applications</i> , 2006, 21, 5-32.	2.4	26
22	The effect of shear stress on human endothelial cells seeded on cylindrical viscoelastic conduits: an investigation of gene expression. <i>Biotechnology and Applied Biochemistry</i> , 2006, 45, 119.	3.1	14
23	Development of an RNA isolation procedure for the characterisation of human endothelial cell interactions with polyurethane cardiovascular bypass grafts. <i>Biomaterials</i> , 2005, 26, 3987-3993.	11.4	9
24	Interactions between endothelial cells and a poly(carbonate-silsesquioxane-bridge-urea)urethane. <i>Biomaterials</i> , 2005, 26, 6271-6279.	11.4	91
25	Cardiovascular tissue engineering: state of the art. <i>Pathologie Et Biologie</i> , 2005, 53, 599-612.	2.2	88