

Maria Chiara Barsotti

List of Publications by Year in descending order

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28
papers

919
citations

471509

17
h-index

526287

27
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31
all docs

31
docs citations

31
times ranked

1712
citing authors

#	ARTICLE	IF	CITATIONS
1	An in vitro study on the free radical scavenging capacity of ergothioneine: comparison with reduced glutathione, uric acid and Trolox. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 453-457.	5.6	129
2	Fibrin as a scaffold for cardiac tissue engineering. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 301-310.	3.1	91
3	Fibrin acts as biomimetic niche inducing both differentiation and stem cell marker expression of early human endothelial progenitor cells. <i>Cell Proliferation</i> , 2011, 44, 33-48.	5.3	86
4	Effect of Platelet Lysate on Human Cells Involved in Different Phases of Wound Healing. <i>PLoS ONE</i> , 2013, 8, e84753.	2.5	85
5	Circulating endothelial progenitor cells and large artery structure and function in young subjects with uncomplicated Type 1 Diabetes. <i>Cardiovascular Diabetology</i> , 2011, 10, 88.	6.8	71
6	Inflammatory markers and cardiac function in acute coronary syndrome: Difference in ST-segment elevation myocardial infarction (STEMI) and in non-STEMI models. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 773-780.	5.6	60
7	Oxidative stress in response to high glucose levels in endothelial cells and in endothelial progenitor cells. <i>Microvascular Research</i> , 2010, 80, 332-338.	2.5	44
8	Significant Endothelin Release in Patients Treated with Foam Sclerotherapy. <i>Dermatologic Surgery</i> , 2012, 38, 741-747.	0.8	44
9	The prostacyclin analogue iloprost increases circulating endothelial progenitor cells in patients with critical limb ischemia. <i>Thrombosis and Haemostasis</i> , 2008, 100, 871-877.	3.4	42
10	Circulating Endothelial Progenitor Cells Characterization, Function and Relationship with Cardiovascular Risk Factors. <i>Current Pharmaceutical Design</i> , 2007, 13, 1699-1713.	1.9	33
11	Smoking and Endothelial Progenitor Cells: A Revision of Literature. <i>Current Pharmaceutical Design</i> , 2010, 16, 2559-2566.	1.9	28
12	Endothelial progenitor cell secretome delivered by novel polymeric nanoparticles in ischemic hindlimb. <i>International Journal of Pharmaceutics</i> , 2018, 542, 82-89.	5.2	23
13	Human peripheral blood endothelial progenitor cells synthesize and express functionally active tissue factor. <i>Thrombosis Research</i> , 2009, 123, 925-930.	1.7	22
14	Different growth conditions for peripheral blood endothelial progenitors. <i>Cardiovascular Radiation Medicine</i> , 2002, 3, 172-175.	0.6	18
15	Small-caliber vascular grafts based on a piezoelectric nanocomposite elastomer: Mechanical properties and biocompatibility. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 138-148.	3.1	18
16	Effect of Aging on Metabolic Pathways in Endothelial Progenitor Cells. <i>Current Pharmaceutical Design</i> , 2013, 19, 2351-2365.	1.9	18
17	Polymorphic analysis of the matrix metalloproteinase-9 gene and susceptibility to sporadic abdominal aortic aneurysm. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 268-271.	5.6	17
18	The prostacyclin analogue iloprost increases circulating endothelial progenitor cells in patients with critical limb ischemia. <i>Thrombosis and Haemostasis</i> , 2008, 100, 871-7.	3.4	17

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19	Role of Endothelial Progenitor Cell Mobilization After Percutaneous Angioplasty Procedure. <i>Current Pharmaceutical Design</i> , 2009, 15, 1107-1122.	1.9	15
20	Binding properties of human albumin modified by covalent binding of penicillin. <i>BBA - Proteins and Proteomics</i> , 2001, 1544, 386-392.	2.1	12
21	In vitro human cord blood platelet lysate characterisation with potential application in wound healing. <i>International Wound Journal</i> , 2020, 17, 65-72.	2.9	10
22	Chemical and physical and in vivo evaluations of a self-assembling amphiphilic peptide as an injectable hydrogel scaffold for biomedical applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2013, 28, 3-15.	2.1	9
23	Endothelial progenitor cell homing in human myocardium in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2014, 172, 516-517.	1.7	8
24	Endothelial Progenitor Cells in Prehypertension. <i>Current Pharmaceutical Design</i> , 2011, 17, 3002-3019.	1.9	6
25	Differential Effects of Fondaparinux and Bemiparin on Angiogenic and Vasculogenesis-like processes. <i>Thrombosis Research</i> , 2012, 130, e113-e122.	1.7	6
26	Oligonucleotide biofunctionalization enhances endothelial progenitor cell adhesion on cobalt/chromium stents. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3284-3292.	4.0	5
27	SELF ASSEMBLING PEPTIDE AMPHIPHILE NANOFIBERS AS A SCAFFOLD FOR ENDOTHELIAL PROGENITOR CELLS. <i>Journal of the American College of Cardiology</i> , 2010, 55, A176.E1652.	2.8	2
28	Endothelial progenitor cells induction by short-term stimulation with phytohaemagglutinin of mononuclear cells. <i>Cardiovascular Radiation Medicine</i> , 2002, 3, 169-171.	0.6	0