Paolo Silacci

List of Publications by Year in descending order

22 papers	1,076 citations	516561 16 h-index	713332 21 g-index
22 all docs	22 docs citations	22 times ranked	1479 citing authors

#	Article	IF	Citations
1	Evaluation of the Absorption of Methionine Carried by Mineral Clays and Zeolites in Porcine Ex Vivo Permeability Models. Applied Sciences (Switzerland), 2021, 11, 6384.	1.3	2
2	Quantitative estimation of biological cell surface receptors by segmenting conventional fluorescence microscopy images. , 2014, , .		3
3	Image thresholding techniques for localization of subâ€resolution fluorescent biomarkers. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83, 1001-1016.	1.1	8
4	NutriChip: nutrition analysis meets microfluidics. Lab on A Chip, 2013, 13, 196-203.	3.1	100
5	Autonomous Effects of Shear Stress and Cyclic Circumferential Stretch regarding Endothelial Dysfunction and Oxidative Stress: An ex vivo Arterial Model. Journal of Vascular Research, 2010, 47, 336-345.	0.6	27
6	Reduced cyclic stretch, endothelial dysfunction, and oxidative stress: an ex vivo model. Cardiovascular Pathology, 2010, 19, e91-e98.	0.7	44
7	Regulation of arginase pathway in response to wall shear stress. Atherosclerosis, 2010, 210, 63-70.	0.4	22
8	Effects of Reduced Cyclic Stretch on Vascular Smooth Muscle Cell Function of Pig Carotids Perfused Ex Vivo. American Journal of Hypertension, 2008, 21, 425-431.	1.0	48
9	Transcriptional and post-transcriptional regulation of preproendothelin-1 by plaque-prone hemodynamics. Atherosclerosis, 2007, 194, 383-390.	0.4	10
10	Plaque-prone hemodynamics impair endothelial function in pig carotid arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2320-H2328.	1.5	89
11	Arterial Wall Response to ex vivo Exposure to Oscillatory Shear Stress. Journal of Vascular Research, 2005, 42, 535-544.	0.6	62
12	Shear Stress and Cyclic Circumferential Stretch, But Not Pressure, Alter Connexin43 Expression in Endothelial Cells. Cell Communication and Adhesion, 2005, 12, 261-270.	1.0	47
13	Functional, mechanical and geometrical adaptation of the arterial wall of a non-axisymmetric artery in vitro. Journal of Hypertension, 2004, 22, 339-347.	0.3	17
14	Cap G, a Gelsolin Family Protein Modulating Protective Effects of Unidirectional Shear Stress. Journal of Biological Chemistry, 2003, 278, 29136-29144.	1.6	57
15	ET-1 and NOS III gene expression regulation by plaque-free and plaque-prone hemodynamic conditions. Biorheology, 2003, 40, 289-97.	1.2	13
16	Tissue Factor Activity Is Upregulated in Human Endothelial Cells Exposed to Oscillatory Shear Stress. Thrombosis and Haemostasis, 2002, 87, 1062-1068.	1.8	47
17	Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells. Hypertension, 2001, 38, 1162-1166.	1.3	121
18	Interleukin (IL)-6 and Its Soluble Receptor Induce TIMP-1 Expression in Synoviocytes and Chondrocytes, and Block IL-1-induced Collagenolytic Activity. Journal of Biological Chemistry, 1998, 273, 13625-13629.	1.6	93

#	Article	IF	Citations
19	Nitric Oxide Synthase Expression in Endothelial Cells Exposed to Mechanical Forces. Hypertension, 1998, 32, 351-355.	1.3	206
20	Endothelin-1 and Endothelin-Converting Enzyme-1 Gene Regulation by Shear Stress and Flow-Induced Pressure. Journal of Cardiovascular Pharmacology, 1998, 31, S38-S41.	0.8	24
21	Soluble interleukin-6 receptor strongly increases the production of acute-phase protein by hepatoma cells but exerts minimal changes on human primary hepatocytes. European Journal of Immunology, 1995, 25, 2378-2383.	1.6	29
22	Tumor necrosis factor-Î± induction of major histocompatibility complex class. II antigen expression is inhibited by interferon-Î³ in a monocytic cell line. European Journal of Immunology, 1995, 25, 3202-3206.	1.6	7