

Assunta Pandolfi

List of Publications by Year in descending order

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94
papers

3,835
citations

147726

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138417

58
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96
all docs

96
docs citations

96
times ranked

5878
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary Bioactives: Their Role in the Prevention and Treatment of Cardiovascular and Metabolic Bone Diseases. <i>Nutrients</i> , 2022, 14, 2459.	1.7	0
2	Human osteoclasts/osteoblasts 3D dynamic co-culture system to study the beneficial effects of glucosamine on bone microenvironment. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	1.8	9
3	Predialysis and Dialysis Therapies Differently Affect Nitric Oxide Synthetic Pathway in Red Blood Cells from Uremic Patients: Focus on Peritoneal Dialysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3049.	1.8	2
4	Plasma from obese children increases monocyte-endothelial adhesion and affects intracellular insulin signaling in cultured endothelial cells: Potential role of mTORC1-S6K1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166076.	1.8	5
5	The Dual Role of Vitamin K2 in Bone-Vascular Crosstalk: Opposite Effects on Bone Loss and Vascular Calcification. <i>Nutrients</i> , 2021, 13, 1222.	1.7	27
6	Endothelial cells from umbilical cord of women affected by gestational diabetes: A suitable in vitro model to study mechanisms of early vascular senescence in diabetes. <i>FASEB Journal</i> , 2021, 35, e21662.	0.2	18
7	Myoinositol Reduces Inflammation and Oxidative Stress in Human Endothelial Cells Exposed In Vivo to Chronic Hyperglycemia. <i>Nutrients</i> , 2021, 13, 2210.	1.7	15
8	Pro-Osteogenic Properties of Violina pumpkin (<i>Cucurbita moschata</i>) Leaf Extracts: Data from In Vitro Human Primary Cell Cultures. <i>Nutrients</i> , 2021, 13, 2633.	1.7	2
9	Three-Dimensional Co-Culture System of Human Osteoblasts and Osteoclast Precursors from Osteoporotic Patients as an Innovative Model to Study the Role of Nutrients: Focus on Vitamin K2. <i>Nutrients</i> , 2021, 13, 2823.	1.7	7
10	Influence of Nano, Micro, and Macro Topography of Dental Implant Surfaces on Human Gingival Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9871.	1.8	15
11	Cytotoxic and Genotoxic Effects of Composite Resins on Cultured Human Gingival Fibroblasts. <i>Materials</i> , 2021, 14, 5225.	1.3	12
12	Old and New Biomarkers Associated with Endothelial Dysfunction in Chronic Hyperglycemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	1
13	Association of the 1q25 Diabetes-Specific Coronary Heart Disease Locus With Alterations of the β^3 -Glutamyl Cycle and Increased Methylglyoxal Levels in Endothelial Cells. <i>Diabetes</i> , 2020, 69, 2206-2216.	0.3	14
14	An Italian Innovative Small-Scale Approach to Promote the Conscious Consumption of Healthy Food. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5678.	1.3	10
15	Role of Polyphenols and Carotenoids in Endothelial Dysfunction: An Overview from Classic to Innovative Biomarkers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	25
16	Perinatal Derivatives: Where Do We Stand? A Roadmap of the Human Placenta and Consensus for Tissue and Cell Nomenclature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 610544.	2.0	68
17	Anti-inflammatory Role of Carotenoids in Endothelial Cells Derived from Umbilical Cord of Women Affected by Gestational Diabetes Mellitus. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	35
18	Osteogenic transdifferentiation of vascular smooth muscle cells isolated from spontaneously hypertensive rats and potential menaquinone-4 inhibiting effect. <i>Journal of Cellular Physiology</i> , 2019, 234, 19761-19773.	2.0	7

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19	Discovery of N-{3-[(ethanimidoylamino)methyl]-l-prolinamide dihydrochloride: A new potent and selective inhibitor of the inducible nitric oxide synthase as a promising agent for the therapy of malignant glioma. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 53-64.	2.6	19
20	Menaquinone-4 enhances osteogenic potential of human amniotic fluid mesenchymal stem cells cultured in 2D and 3D dynamic culture systems. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 447-459.	1.3	17
21	Anti-Inflammatory Activity of Marine Ovoidiol A in an <i>In Vitro</i> Model of Endothelial Dysfunction Induced by Hyperglycemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	31
22	Identification and Characterization of a Stem Cell-Like Population in Bovine Milk: A Potential New Source for Regenerative Medicine in Veterinary. <i>Stem Cells and Development</i> , 2018, 27, 1587-1597.	1.1	20
23	Calcimimetic R-568 vasodilatory effect on mesenteric vascular beds from normotensive (WKY) and spontaneously hypertensive (SHR) rats. Potential involvement of vascular smooth muscle cells (vSMCs). <i>PLoS ONE</i> , 2018, 13, e0202354.	1.1	5
24	Mesenchymal stromal cells from amniotic fluid are less prone to senescence compared to those obtained from bone marrow: An <i>in vitro</i> study. <i>Journal of Cellular Physiology</i> , 2018, 233, 8996-9006.	2.0	37
25	Lipoxin A ₄ stimulates endothelial miR-126 expression and its transfer via microvesicles. <i>FASEB Journal</i> , 2017, 31, 1856-1866.	0.2	27
26	Plasma from pre-pubertal obese children impairs insulin stimulated Nitric Oxide (NO) bioavailability in endothelial cells: Role of ER stress. <i>Molecular and Cellular Endocrinology</i> , 2017, 443, 52-62.	1.6	13
27	Liraglutide mitigates TNF- α induced pro-atherogenic changes and microvesicle release in HUVEC from diabetic women. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2925.	1.7	41
28	Establishment and long-term culture of human cystic fibrosis endothelial cells. <i>Laboratory Investigation</i> , 2017, 97, 1375-1384.	1.7	8
29	Mechanisms of endothelial cell dysfunction in cystic fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3243-3253.	1.8	45
30	Erythrocyte Alterations and Increased Cardiovascular Risk in Chronic Renal Failure. <i>Nephro-Urology Monthly</i> , 2017, In Press, .	0.0	3
31	Effect of peritoneal dialysis fluid containing osmo-metabolic agents on human endothelial cells. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3925-3932.	2.0	13
32	Nitric oxide synthetic pathway and cGMP levels are altered in red blood cells from end-stage renal disease patients. <i>Molecular and Cellular Biochemistry</i> , 2016, 417, 155-167.	1.4	16
33	Indazole, Pyrazole, and Oxazole Derivatives Targeting Nitric Oxide Synthases and Carbonic Anhydrases. <i>ChemMedChem</i> , 2016, 11, 1695-1699.	1.6	26
34	Acetylcholine and acetylcarnitine transport in peritoneum: Role of the SLC22A4 (OCTN1) transporter. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 653-660.	1.4	14
35	Physiology and pathophysiology of oxLDL uptake by vascular wall cells in atherosclerosis. <i>Vascular Pharmacology</i> , 2016, 84, 1-7.	1.0	194
36	Preparation and characterization of polymeric micelles loaded with a potential anticancer prodrug. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 24-29.	1.4	5

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37	Chemerin in renal dysfunction and cardiovascular disease. <i>Vascular Pharmacology</i> , 2016, 77, 28-34.	1.0	23
38	Osteogenic differentiation of amniotic fluid mesenchymal stromal cells and their bone regeneration potential. <i>World Journal of Stem Cells</i> , 2015, 7, 681.	1.3	19
39	Centella Asiatica and Lipoic Acid, or a combination thereof, inhibit monocyte adhesion to endothelial cells from umbilical cords of gestational diabetic women. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 659-666.	1.1	27
40	Molecular and Phenotypic Characterization of Human Amniotic Fluid-Derived Cells: A Morphological and Proteomic Approach. <i>Stem Cells and Development</i> , 2015, 24, 1415-1428.	1.1	27
41	Calcitonin-Induced Effects on Amniotic Fluid-Derived Mesenchymal Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 259-273.	1.1	8
42	Selective Acetamidine-Based Nitric Oxide Synthase Inhibitors: Synthesis, Docking, and Biological Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 635-640.	1.3	24
43	Human Mesenchymal Stem Cells Reendothelialize Porcine Heart Valve Scaffolds: Novel Perspectives in Heart Valve Tissue Engineering. <i>BioResearch Open Access</i> , 2015, 4, 288-297.	2.6	17
44	Trisomy 21 Mid-Trimester Amniotic Fluid Induced Pluripotent Stem Cells Maintain Genetic Signatures During Reprogramming: Implications for Disease Modeling and Cryobanking. <i>Cellular Reprogramming</i> , 2014, 16, 331-344.	0.5	15
45	Features of endothelial dysfunction in umbilical cord vessels of women with gestational diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1337-1345.	1.1	56
46	Transcriptome analysis of human primary endothelial cells (HUVEC) from umbilical cords of gestational diabetic mothers reveals candidate sites for an epigenetic modulation of specific gene expression. <i>Genomics</i> , 2014, 103, 337-348.	1.3	36
47	Calcium Sensing Receptor Activation by Calcimimetic R-568 in Human Amniotic Fluid Mesenchymal Stem Cells: Correlation with Osteogenic Differentiation. <i>Stem Cells and Development</i> , 2014, 23, 2959-2971.	1.1	23
48	Reversed-phase high-performance liquid chromatography method with fluorescence detection to screen nitric oxide synthases inhibitors. <i>Journal of Separation Science</i> , 2014, 37, 1380-1385.	1.3	9
49	Wnt Signaling Behaves as a "Master Regulator" in the Osteogenic and Adipogenic Commitment of Human Amniotic Fluid Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 642-654.	5.6	88
50	Association Between a Genetic Variant Related to Glutamic Acid Metabolism and Coronary Heart Disease in Individuals With Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 821.	3.8	122
51	Metabolic syndrome in survivors from the 2009 earthquake in Italy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, e5-e8.	1.1	3
52	Joint effect of insulin signaling genes on cardiovascular events and on whole body and endothelial insulin resistance. <i>Atherosclerosis</i> , 2013, 226, 140-145.	0.4	23
53	Increased iNOS activity in vascular smooth muscle cells from diabetic rats: Potential role of Ca ²⁺ /calmodulin-dependent protein kinase II delta 2 (CaMKII δ 2). <i>Atherosclerosis</i> , 2013, 226, 88-94.	0.4	23
54	Calcium Sensing Receptor Expression in Ovine Amniotic Fluid Mesenchymal Stem Cells and the Potential Role of R-568 during Osteogenic Differentiation. <i>PLoS ONE</i> , 2013, 8, e73816.	1.1	20

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55	Effects of long-term treatment with pioglitazone on cognition and glucose metabolism of PS1-KI, 3xTg-AD, and wild-type mice. <i>Cell Death and Disease</i> , 2012, 3, e448-e448.	2.7	64
56	A Functional Variant of the Dimethylarginine Dimethylaminohydrolase-2 Gene Is Associated with Insulin Sensitivity. <i>PLoS ONE</i> , 2012, 7, e36224.	1.1	17
57	β-Carotene and lycopene affect endothelial response to TNFα reducing nitrooxidative stress and interaction with monocytes. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 217-227.	1.5	87
58	The Mammalian Tribbles Homolog TRIB3, Glucose Homeostasis, and Cardiovascular Diseases. <i>Endocrine Reviews</i> , 2012, 33, 526-546.	8.9	100
59	Calcimimetic R-568 and Its Enantiomer S-568 Increase Nitric Oxide Release in Human Endothelial Cells. <i>PLoS ONE</i> , 2012, 7, e30682.	1.1	26
60	The SH2B1 obesity locus is associated with myocardial infarction in diabetic patients and with NO synthase activity in endothelial cells. <i>Atherosclerosis</i> , 2011, 219, 667-672.	0.4	17
61	l-Carnitine is an osmotic agent suitable for peritoneal dialysis. <i>Kidney International</i> , 2011, 80, 645-654.	2.6	30
62	The TRIB3 R84 variant is associated with increased carotid intima-media thickness in vivo and with enhanced MAPK signalling in human endothelial cells. <i>Cardiovascular Research</i> , 2011, 89, 184-192.	1.8	28
63	Plasma protein carbonylation in chronic uremia. <i>Journal of Nephrology</i> , 2011, 24, 453-464.	0.9	25
64	Cystic fibrosis transmembrane conductance regulator (CFTR) expression in human platelets: impact on mediators and mechanisms of the inflammatory response. <i>FASEB Journal</i> , 2010, 24, 3970-3980.	0.2	75
65	High glucose, nitric oxide, and adenosine: a vicious circle in chronic hyperglycaemia?. <i>Cardiovascular Research</i> , 2010, 86, 9-11.	1.8	27
66	Serum- and Glucocorticoid-Inducible Kinase 1 (SGK1) Regulates Adipocyte Differentiation via Forkhead Box O1. <i>Molecular Endocrinology</i> , 2010, 24, 370-380.	3.7	63
67	ENPP1 Q121 Variant, Increased Pulse Pressure and Reduced Insulin Signaling, and Nitric Oxide Synthase Activity in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1678-1683.	1.1	22
68	Induction of Prostacyclin by Steady Laminar Shear Stress Suppresses Tumor Necrosis Factor-α Biosynthesis via Heme Oxygenase-1 in Human Endothelial Cells. <i>Circulation Research</i> , 2009, 104, 506-513.	2.0	85
69	Possible role for nitric oxide dysregulation in critical illness myopathy. <i>Muscle and Nerve</i> , 2008, 37, 196-202.	1.0	24
70	Decreased <i>in vivo</i> oxidative stress and decreased platelet activation following metformin treatment in newly diagnosed type 2 diabetic subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 231-237.	1.7	66
71	Insulin Resistance Affects Gene Expression in Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, e7-9.	1.1	2
72	TRIB3 R84 Variant Is Associated With Impaired Insulin-Mediated Nitric Oxide Production in Human Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1355-1360.	1.1	53

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73	The Prominent Role of P38 Mitogen-Activated Protein Kinase in Insulin-Mediated Enhancement of VCAM-1 Expression in Endothelial Cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 539-555.	1.0	31
74	Insulin down-regulates TRAIL expression in vascular smooth muscle cells both in vivo and in vitro. <i>Journal of Cellular Physiology</i> , 2007, 212, 89-95.	2.0	22
75	Mechanisms of uremic erythrocyte-induced adhesion of human monocytes to cultured endothelial cells. <i>Journal of Cellular Physiology</i> , 2007, 213, 699-709.	2.0	184
76	Chronic hyperglycemia and nitric oxide bioavailability play a pivotal role in pro-atherogenic vascular modifications. <i>Genes and Nutrition</i> , 2007, 2, 195-208.	1.2	47
77	An Increased Osteoprotegerin Serum Release Characterizes the Early Onset of Diabetes Mellitus and May Contribute to Endothelial Cell Dysfunction. <i>American Journal of Pathology</i> , 2006, 169, 2236-2244.	1.9	129
78	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) regulates endothelial nitric oxide synthase (eNOS) activity and its localization within the human vein endothelial cells (HUVEC) in culture. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 782-794.	1.2	32
79	Age-dependent changes in the expression of superoxide dismutases and catalase are associated with ultrastructural modifications in human granulosa cells. <i>Molecular Human Reproduction</i> , 2006, 12, 655-660.	1.3	164
80	Adherence of uremic erythrocytes to vascular endothelium decreases endothelial nitric oxide synthase expression. <i>Kidney International</i> , 2005, 67, 1899-1906.	2.6	21
81	Selective Insulin Resistance Affecting Nitric Oxide Release But Not Plasminogen Activator Inhibitor-1 Synthesis in Fibroblasts From Insulin-Resistant Individuals. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2392-2397.	1.1	18
82	C-reactive protein: A potential new molecular link between inflammation, thrombosis and vascular cell proliferation?. <i>Cardiovascular Research</i> , 2005, 68, 3-4.	1.8	10
83	G972R IRS-1 Variant Impairs Insulin Regulation of Endothelial Nitric Oxide Synthase in Cultured Human Endothelial Cells. <i>Circulation</i> , 2004, 109, 399-405.	1.6	104
84	Insulin enhances vascular cell adhesion molecule-1 expression in human cultured endothelial cells through a pro-atherogenic pathway mediated by p38 mitogen-activated protein-kinase. <i>Diabetologia</i> , 2004, 47, 532-536.	2.9	89
85	Phenotype modulation in cultures of vascular smooth muscle cells from diabetic rats: Association with increased nitric oxide synthase expression and superoxide anion generation. <i>Journal of Cellular Physiology</i> , 2003, 196, 378-385.	2.0	52
86	Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) Sequentially Upregulates Nitric Oxide and Prostanoid Production in Primary Human Endothelial Cells. <i>Circulation Research</i> , 2003, 92, 732-740.	2.0	119
87	TRAIL Promotes the Survival and Proliferation of Primary Human Vascular Endothelial Cells by Activating the Akt and ERK Pathways. <i>Circulation</i> , 2003, 107, 2250-2256.	1.6	283
88	Acute hyperglycemia and acute hyperinsulinemia decrease plasma fibrinolytic activity and increase plasminogen activator inhibitor type 1 in the rat. <i>Acta Diabetologica</i> , 2001, 38, 71-76.	1.2	119
89	Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1378-1382.	1.1	134
90	Diabetes mellitus induces decreased plasma fibrinolytic activity and increased tissue synthesis of plasminogen activator inhibitor-1 (PAI-1) in the rat. <i>Fibrinolysis and Proteolysis</i> , 2000, 14, 261-267.	1.1	5

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91	Glucose and insulin independently reduce the fibrinolytic potential of human vascular smooth muscle cells in culture. <i>Diabetologia</i> , 1996, 39, 1425-1431.	2.9	65
92	Surfactant Protein A-Producing Cells in Human Fetal Lung Are Good Targets for Recombinant Adenovirus-Mediated Gene Transfer. <i>Pediatric Research</i> , 1996, 40, 142-147.	1.1	1
93	Differences in the glutathione system of cultured aortic smooth muscle cells from young and aged rats. <i>Atherosclerosis</i> , 1993, 100, 141-148.	0.4	12
94	Effect of the Human Amniotic Membrane on the Umbilical Vein Endothelial Cells of Gestational Diabetic Mothers: New Insight on Inflammation and Angiogenesis. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	5