

# Giampiero La Rocca

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,893  
citations

257450

24  
h-index

289244

40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of Oct-4+/HLA-G+ mesenchymal stem cells from human umbilical cord matrix: differentiation potential and detection of new markers. <i>Histochemistry and Cell Biology</i> , 2009, 131, 267-282.	1.7	260
2	New Emerging Potentials for Human Wharton's Jelly Mesenchymal Stem Cells: Immunological Features and Hepatocyte-Like Differentiative Capacity. <i>Stem Cells and Development</i> , 2010, 19, 423-438.	2.1	192
3	Wharton's Jelly Mesenchymal Stem Cells as Candidates for Beta Cells Regeneration: Extending the Differentiative and Immunomodulatory Benefits of Adult Mesenchymal Stem Cells for the Treatment of Type 1 Diabetes. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 342-363.	5.6	135
4	Flavonoids against the SARS-CoV-2 induced inflammatory storm. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111430.	5.6	102
5	Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. <i>Cancer</i> , 2006, 107, 2417-2424.	4.1	87
6	The Role of Intrinsic Pathway in Apoptosis Activation and Progression in Peyronie's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	77
7	Human Wharton's Jelly Mesenchymal Stem Cells Maintain the Expression of Key Immunomodulatory Molecules When Subjected to Osteogenic, Adipogenic and Chondrogenic Differentiation In Vitro: New Perspectives for Cellular Therapy. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 100-113.	1.3	77
8	Caffeine and cardiovascular diseases: critical review of current research. <i>European Journal of Nutrition</i> , 2016, 55, 1331-1343.	3.9	67
9	Human Hsp10 and Early Pregnancy Factor (EPF) and their relationship and involvement in cancer and immunity: Current knowledge and perspectives. <i>Life Sciences</i> , 2010, 86, 145-152.	4.3	66
10	Oxidative stress induces myeloperoxidase expression in endocardial endothelial cells from patients with chronic heart failure. <i>Basic Research in Cardiology</i> , 2009, 104, 307-320.	5.9	59
11	Role of oxidative and nitrosative stress biomarkers in chronic heart failure. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2230.	3.0	58
12	Zymographic analysis of circulating and tissue forms of colon carcinoma gelatinase A (MMP-2) and B (MMP-9) separated by mono- and two-dimensional electrophoresis. <i>Matrix Biology</i> , 2001, 20, 419-427.	3.6	56
13	Convergent Sets of Data from In Vivo and In Vitro Methods Point to an Active Role of Hsp60 in Chronic Obstructive Pulmonary Disease Pathogenesis. <i>PLoS ONE</i> , 2011, 6, e28200.	2.5	55
14	Umbilical cord revisited: from Wharton's jelly myofibroblasts to mesenchymal stem cells. <i>Histology and Histopathology</i> , 2013, 28, 1235-44.	0.7	45
15	Heterozygous nonsense SCN5A mutation W822X explains a simultaneous sudden infant death syndrome. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2008, 453, 209-216.	2.8	38
16	Increased nitrotyrosine plasma levels in relation to systemic markers of inflammation and myeloperoxidase in chronic heart failure. <i>International Journal of Cardiology</i> , 2009, 135, 386-390.	1.7	37
17	Umbilical Cord Versus Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2012, 21, 2900-2903.	2.1	37
18	Hsp60 and Hsp10 as antitumour molecular agents. <i>Cancer Biology and Therapy</i> , 2007, 6, 487-489.	3.4	36

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19	Cigarette smoke exposure inhibits extracellular MMP-2 (gelatinase A) activity in human lung fibroblasts. <i>Respiratory Research</i> , 2007, 8, 23.	3.6	33
20	Novel Immunomodulatory Markers Expressed by Human WJ-MSC: an Updated Review in Regenerative and Reparative Medicine. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2012, 5, 50-58.	2.6	32
21	CD1a downregulation in primary invasive ductal breast carcinoma may predict regional lymph node invasion and patient outcome. <i>Histopathology</i> , 2008, 52, 203-212.	2.9	31
22	New Frontiers in Regenerative Medicine in Cardiology: The Potential of Wharton's Jelly Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 39-45.	1.3	30
23	CD1a and antitumour immune response. <i>Immunology Letters</i> , 2004, 95, 1-4.	2.5	28
24	Hsp10 anatomic distribution functions and involvement in human disease. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 768-778.	1.8	25
25	Immunomodulatory effects of stem cells: Therapeutic option for neurodegenerative disorders. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 60-69.	5.6	24
26	Wharton's Jelly Mesenchymal Stromal Cells from Human Umbilical Cord: a Close-up on Immunomodulatory Molecules Featured In Situ and In Vitro. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 900-918.	3.8	24
27	Isolation and Characterization of CD276+/HLA-E+ Human Subendocardial Mesenchymal Stem Cells from Chronic Heart Failure Patients: Analysis of Differentiative Potential and Immunomodulatory Markers Expression. <i>Stem Cells and Development</i> , 2013, 22, 1-17.	2.1	23
28	Wharton's Jelly Mesenchymal Stromal Cells as a Feeder Layer for the Ex Vivo Expansion of Hematopoietic Stem and Progenitor Cells: a Review. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 35-49.	5.6	20
29	Wharton's Jelly Mesenchymal Stromal Cells Support the Expansion of Cord Blood-derived CD34 <sup>+</sup> Cells Mimicking a Hematopoietic Niche in a Direct Cell-cell Contact Culture System. <i>Cell Transplantation</i> , 2018, 27, 117-129.	2.5	19
30	Role of endothelial cell stress in the pathogenesis of chronic heart failure. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2238.	3.0	17
31	Hsp10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin. <i>Open Biology</i> , 2014, 4, 140125.	3.6	14
32	Energy Metabolism Analysis of Three Different Mesenchymal Stem Cell Populations of Umbilical Cord Under Normal and Pathologic Conditions. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 585-595.	3.8	13
33	Mitochondrial activity of human umbilical cord mesenchymal stem cells. <i>Brain Circulation</i> , 2021, 7, 33.	1.8	12
34	Recent Patents and Advances on Isolation and Cellular Therapy Applications of Mesenchymal Stem Cells from Human Umbilical Cord Whartons Jelly. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 216-227.	0.4	12
35	Editorial from Guest Editor [Hot Topic Perinatal Stem Cells Revisited: Directions and Indications at the Crossroads Between Tissue Regeneration and Repair]. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 2-5.	1.3	11
36	Downregulation of myogenic microRNAs in sub-chronic but not in sub-acute model of daunorubicin-induced cardiomyopathy. <i>Molecular and Cellular Biochemistry</i> , 2017, 432, 79-89.	3.1	10

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37	Immunohistochemical Marker for Na <sup>+</sup> CP Type V $\pm$ (C-20) and Heterozygous Nonsense SCN5A Mutation W822X in a Sudden Cardiac Death Induced by Mild Anaphylactic Reaction. Applied Immunohistochemistry and Molecular Morphology, 2009, 17, 357-362.	1.2	9
38	The effect of Betanin parenteral pretreatment on Jejunal and pulmonary tissue histological architecture and inflammatory response after Jejunal ischemia-reperfusion injury. Experimental and Molecular Pathology, 2019, 110, 104292.	2.1	8
39	Umbilical Cord Mesenchymal Stromal Cells for Cartilage Regeneration Applications. Stem Cells International, 2022, 2022, 1-23.	2.5	8
40	Role of CD1A and HSP60 in the antitumoral response of oesophageal cancer. Oncology Reviews, 2008, 1, 225-232.	1.8	3
41	Mesenchymal Stromal Cells From Wharton's Jelly (WJ-MSCs). , 2018, , 271-279.		2
42	Wharton's Jelly Mesenchymal Stem Cells for the Treatment of Type 1 Diabetes. , 2014, , 313-323.		1