

Marilena Cipollaro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,588
citations

24
h-index

37
g-index

67
ext. papers

1,755
ext. citations

5.4
avg, IF

4.15
L-index

#	Paper	IF	Citations
67	Molecular pathways involved in neural in vitro differentiation of marrow stromal stem cells. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 645-55	4.7	97
66	Low dose radiation induced senescence of human mesenchymal stromal cells and impaired the autophagy process. <i>Oncotarget</i> , 2015 , 6, 8155-66	3.3	87
65	Changes in autophagy, proteasome activity and metabolism to determine a specific signature for acute and chronic senescent mesenchymal stromal cells. <i>Oncotarget</i> , 2015 , 6, 39457-68	3.3	78
64	Role of myofibroblasts in vascular remodelling: focus on restenosis and aneurysm. <i>Cardiovascular Research</i> , 2010 , 88, 395-405	9.9	72
63	In vitro senescence of rat mesenchymal stem cells is accompanied by downregulation of stemness-related and DNA damage repair genes. <i>Stem Cells and Development</i> , 2009 , 18, 1033-42	4.4	64
62	Expression pattern of stemness-related genes in human endometrial and endometriotic tissues. <i>Molecular Medicine</i> , 2009 , 15, 392-401	6.2	63
61	Differentiation and apoptosis of neuroblastoma cells: role of N-myc gene product. <i>Journal of Cellular Biochemistry</i> , 1999 , 73, 97-105	4.7	63
60	Histone deacetylase inhibitors promote apoptosis and senescence in human mesenchymal stem cells. <i>Stem Cells and Development</i> , 2009 , 18, 573-81	4.4	55
59	Dose-dependent effects of R-sulforaphane isothiocyanate on the biology of human mesenchymal stem cells, at dietary amounts, it promotes cell proliferation and reduces senescence and apoptosis, while at anti-cancer drug doses, it has a cytotoxic effect. <i>Age</i> , 2012 , 34, 281-93		51
58	Silencing of RB1 but not of RB2/P130 induces cellular senescence and impairs the differentiation potential of human mesenchymal stem cells. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 1637-51	10.3	49
57	Brg1 chromatin remodeling factor is involved in cell growth arrest, apoptosis and senescence of rat mesenchymal stem cells. <i>Journal of Cell Science</i> , 2007 , 120, 2904-11	5.3	47
56	Low concentrations of isothiocyanates protect mesenchymal stem cells from oxidative injuries, while high concentrations exacerbate DNA damage. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 964-74	5.4	46
55	Genetic, epigenetic and stem cell alterations in endometriosis: new insights and potential therapeutic perspectives. <i>Clinical Science</i> , 2014 , 126, 123-38	6.5	45
54	Early cell changes and TGF β pathway alterations in the aortopathy associated with bicuspid aortic valve stenosis. <i>Clinical Science</i> , 2013 , 124, 97-108	6.5	44
53	Mesenchymal stem cells effectively reduce surgically induced stenosis in rat carotids. <i>Journal of Cellular Physiology</i> , 2008 , 217, 789-99	7	38
52	Partial silencing of methyl cytosine protein binding 2 (MECP2) in mesenchymal stem cells induces senescence with an increase in damaged DNA. <i>FASEB Journal</i> , 2010 , 24, 1593-603	0.9	34
51	Patients with bicuspid and tricuspid aortic valve exhibit distinct regional microRNA signatures in mildly dilated ascending aorta. <i>Heart and Vessels</i> , 2017 , 32, 750-767	2.1	31

50	Reduced expression of MECP2 affects cell commitment and maintenance in neurons by triggering senescence: new perspective for Rett syndrome. <i>Molecular Biology of the Cell</i> , 2012 , 23, 1435-45	3.5	31
49	Sera of overweight people promote in vitro adipocyte differentiation of bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 4	8.3	30
48	A Possible Early Biomarker for Bicuspid Aortopathy: Circulating Transforming Growth Factor β 1 to Soluble Endoglin Ratio. <i>Circulation Research</i> , 2017 , 120, 1800-1811	15.7	25
47	Impact of histone deacetylase inhibitors SAHA and MS-275 on DNA repair pathways in human mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2010 , 225, 537-44	7	25
46	A case report: bone marrow mesenchymal stem cells from a Rett syndrome patient are prone to senescence and show a lower degree of apoptosis. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1877-85	4.7	25
45	Enzymatic repair of selected cross-linked homoduplex molecules enhances nuclear gene rescue from Pompeii and Herculaneum remains. <i>Nucleic Acids Research</i> , 2002 , 30, e16	20.1	25
44	Misidentified Human Gene Functions with Mouse Models: The Case of the Retinoblastoma Gene Family in Senescence. <i>Neoplasia</i> , 2017 , 19, 781-790	6.4	24
43	Genes involved in regulation of stem cell properties: studies on their expression in a small cohort of neuroblastoma patients. <i>Cancer Biology and Therapy</i> , 2009 , 8, 1300-6	4.6	24
42	Epigenetic regulation of TGF- β signalling in dilative aortopathy of the thoracic ascending aorta. <i>Clinical Science</i> , 2016 , 130, 1389-405	6.5	23
41	Dual role of parathyroid hormone in endothelial progenitor cells and marrow stromal mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2010 , 222, 474-80	7	21
40	De-regulated expression of the BRG1 chromatin remodeling factor in bone marrow mesenchymal stromal cells induces senescence associated with the silencing of NANOG and changes in the levels of chromatin proteins. <i>Cell Cycle</i> , 2015 , 14, 1315-26	4.7	20
39	Novel potential targets for prevention of arterial restenosis: insights from the pre-clinical research. <i>Clinical Science</i> , 2014 , 127, 615-34	6.5	20
38	c-Myc antisense oligonucleotides preserve smooth muscle differentiation and reduce negative remodelling following rat carotid arteriotomy. <i>Journal of Vascular Research</i> , 2005 , 42, 214-25	1.9	20
37	Detection of DNA in ancient bones using histochemical methods. <i>Biotechnic and Histochemistry</i> , 2000 , 75, 110-7	1.8	20
36	Stem cell therapy for arterial restenosis: potential parameters contributing to the success of bone marrow-derived mesenchymal stromal cells. <i>Cardiovascular Drugs and Therapy</i> , 2012 , 26, 9-21	3.9	19
35	Role of RB and RB2/P130 genes in marrow stromal stem cells plasticity. <i>Journal of Cellular Physiology</i> , 2004 , 200, 201-12	7	19
34	Mesenchymal stromal cells having inactivated RB1 survive following low irradiation and accumulate damaged DNA: Hints for side effects following radiotherapy. <i>Cell Cycle</i> , 2017 , 16, 251-258	4.7	18
33	Silencing of RB1 and RB2/P130 during adipogenesis of bone marrow stromal cells results in dysregulated differentiation. <i>Cell Cycle</i> , 2014 , 13, 482-90	4.7	18

32	Risk Stratification in Bicuspid Aortic Valve Aortopathy: Emerging Evidence and Future Perspectives. <i>Current Problems in Cardiology</i> , 2021 , 46, 100428	17.1	18
31	Impact of lysosomal storage disorders on biology of mesenchymal stem cells: Evidences from in vitro silencing of glucocerebrosidase (GBA) and alpha-galactosidase A (GLA) enzymes. <i>Journal of Cellular Physiology</i> , 2017 , 232, 3454-3467	7	14
30	RB and RB2/P130 genes cooperate with extrinsic signals to promote differentiation of rat neural stem cells. <i>Molecular and Cellular Neurosciences</i> , 2007 , 34, 299-309	4.8	14
29	The structure of three bacteriophage T4 genes required for tail-tube assembly. <i>Virology</i> , 1988 , 164, 81-90	9.6	14
28	Neural stem cells from a mouse model of Rett syndrome are prone to senescence, show reduced capacity to cope with genotoxic stress, and are impaired in the differentiation process. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1	12.8	13
27	RB2/p130 ectopic gene expression in neuroblastoma stem cells: evidence of cell-fate restriction and induction of differentiation. <i>Biochemical Journal</i> , 2001 , 360, 569-577	3.8	13
26	Local inhibition of ornithine decarboxylase reduces vascular stenosis in a murine model of carotid injury. <i>International Journal of Cardiology</i> , 2013 , 168, 3370-80	3.2	10
25	Molecular characterization of Italian rice cultivars. <i>European Food Research and Technology</i> , 2009 , 228, 875-881	3.4	10
24	Pro-inflammatory cytokines activate hypoxia-inducible factor 3 via epigenetic changes in mesenchymal stromal/stem cells. <i>Scientific Reports</i> , 2018 , 8, 5842	4.9	9
23	Chromatin modification and senescence. <i>Current Pharmaceutical Design</i> , 2012 , 18, 1686-93	3.3	9
22	Preamplification procedure for the analysis of ancient DNA samples. <i>Scientific World Journal, The</i> , 2013 , 2013, 734676	2.2	8
21	Stenosis progression after surgical injury in Milan hypertensive rat carotid arteries. <i>Cardiovascular Research</i> , 2003 , 60, 654-63	9.9	8
20	2000 Year-old ancient equids: an ancient-DNA lesson from pompeii remains. <i>The Journal of Experimental Zoology</i> , 2004 , 302, 550-6		8
19	Locally different proteome in aortas from patients with stenotic tricuspid and bicuspid aortic valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 458-469	3	7
18	Mesenchymal stem cells: a good candidate for restenosis therapy?. <i>Current Vascular Pharmacology</i> , 2009 , 7, 381-93	3.3	7
17	An effective method for adenoviral-mediated delivery of small interfering RNA into mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2007 , 100, 293-302	4.7	7
16	The polyamine pathway as a potential target for vascular diseases: focus on restenosis. <i>Current Vascular Pharmacology</i> , 2011 , 9, 706-14	3.3	6
15	Ancient DNA and family relationships in a Pompeian house. <i>Annals of Human Genetics</i> , 2009 , 73, 429-37	2.2	6

14	DNA damage and repair in a model of rat vascular injury. <i>Clinical Science</i> , 2010 , 118, 473-85	6.5	6
13	RB2/p130 ectopic gene expression in neuroblastoma stem cells: evidence of cell-fate restriction and induction of differentiation. <i>Biochemical Journal</i> , 2001 , 360, 569-77	3.8	5
12	G-CSF contributes at the healing of tunica media of arteriotomy-injured rat carotids by promoting differentiation of vascular smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 215-23	7	4
11	Rat carotid arteriotomy: c-myc is involved in negative remodelling and apoptosis. <i>Journal of Cardiovascular Medicine</i> , 2006 , 7, 61-7	1.9	4
10	Polyamine concentration is increased in thoracic ascending aorta of patients with bicuspid aortic valve. <i>Heart and Vessels</i> , 2018 , 33, 327-339	2.1	4
9	A new SCAR marker potentially useful to distinguish Italian cattle breeds. <i>Food Chemistry</i> , 2012 , 130, 172-176	8.5	3
8	In vivo effects of partial phosphorothioated AT1 receptor antisense oligonucleotides in spontaneously hypertensive and normotensive rats. <i>Life Sciences</i> , 2000 , 66, 2091-9	6.8	3
7	Strengthening ancient mtDNA equid sequences from Pompeii. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 363-4	4.7	2
6	Injury to rat carotid arteries causes time-dependent changes in gene expression in contralateral uninjured arteries. <i>Clinical Science</i> , 2009 , 116, 125-36	6.5	2
5	Is there a role for autophagy in ascending aortopathy associated with tricuspid or bicuspid aortic valve?. <i>Clinical Science</i> , 2019 , 133, 805-819	6.5	1
4	Hypertension induces compensatory arterial remodeling following arteriotomy. <i>Journal of Surgical Research</i> , 2007 , 143, 300-10	2.5	1
3	Carotid arteriotomy induces different temporal gene expression profiles in normotensive and hypertensive rat strains. <i>International Journal of Molecular Medicine</i> , 2005 , 16, 1057-64	4.4	1
2	Ascending aortas from heart donors and CABG patients are not equivalent as control in aortopathy studies. <i>Scandinavian Cardiovascular Journal</i> , 2018 , 52, 281-286	2	
1	Cell Cycle and Differentiation in Vessels 2010 , 203-228		