

Patrizia Bossolasco

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.

32
papers

1,925
citations

18
h-index

33
g-index

33
ext. papers

2,068
ext. citations

5
avg, IF

3.78
L-index

#	Paper	IF	Citations
32	Isolation of bone marrow mesenchymal stem cells by anti-nerve growth factor receptor antibodies. <i>Experimental Hematology</i> , 2002 , 30, 783-91	3.1	451
31	Differentiation and expansion of endothelial cells from human bone marrow CD133(+) cells. <i>British Journal of Haematology</i> , 2001 , 115, 186-94	4.5	291
30	Neuro-glial differentiation of human bone marrow stem cells in vitro. <i>Experimental Neurology</i> , 2005 , 193, 312-25	5.7	164
29	Molecular and phenotypic characterization of human amniotic fluid cells and their differentiation potential. <i>Cell Research</i> , 2006 , 16, 329-36	24.7	156
28	Transplantation of undifferentiated human mesenchymal stem cells protects against 6-hydroxydopamine neurotoxicity in the rat. <i>Cell Transplantation</i> , 2010 , 19, 203-17	4	117
27	Multiple neurogenic and neurorescue effects of human mesenchymal stem cell after transplantation in an experimental model of Parkinson's disease. <i>Brain Research</i> , 2010 , 1311, 12-27	3.7	112
26	Induction of neurotrophin expression via human adult mesenchymal stem cells: implication for cell therapy in neurodegenerative diseases. <i>Cell Transplantation</i> , 2007 , 16, 41-55	4	83
25	A subpopulation of murine bone marrow cells fully differentiates along the myogenic pathway and participates in muscle repair in the mdx dystrophic mouse. <i>Experimental Cell Research</i> , 2002 , 277, 74-85	4.2	64
24	Modulated generation of neuronal cells from bone marrow by expansion and mobilization of circulating stem cells with in vivo cytokine treatment. <i>Experimental Neurology</i> , 2002 , 177, 443-52	5.7	57
23	Bone marrow-disseminated tumor cells in patients with carcinoma of the esophagus or cardia. <i>Surgery</i> , 2001 , 129, 15-22	3.6	54
22	Detection of micrometastatic cells in breast cancer by RT-pCR for the mammaglobin gene. <i>Cancer Detection and Prevention</i> , 2002 , 26, 60-3		49
21	Skeletal muscle differentiation potential of human adult bone marrow cells. <i>Experimental Cell Research</i> , 2004 , 295, 66-78	4.2	45
20	Dose dependent side effect of superparamagnetic iron oxide nanoparticle labeling on cell motility in two fetal stem cell populations. <i>PLoS ONE</i> , 2013 , 8, e78435	3.7	29
19	Neuroprotective effects of human mesenchymal stem cells on neural cultures exposed to 6-hydroxydopamine: implications for reparative therapy in Parkinson's disease. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 289-304	5.4	26
18	Biocompatible fluorescent nanoparticles for in vivo stem cell tracking. <i>Nanotechnology</i> , 2013 , 24, 245603.4	3.4	26
17	Metalloproteinase alterations in the bone marrow of ALS patients. <i>Journal of Molecular Medicine</i> , 2010 , 88, 553-64	5.5	26
16	Longitudinal tracking of human fetal cells labeled with super paramagnetic iron oxide nanoparticles in the brain of mice with motor neuron disease. <i>PLoS ONE</i> , 2012 , 7, e32326	3.7	25

15	Neurorescue effects and stem properties of chorionic villi and amniotic progenitor cells. <i>Neuroscience</i> , 2013 , 234, 158-72	3.9	23
14	Phenotypic Modulation and Neuroprotective Effects of Olfactory Ensheathing Cells: a Promising Tool for Cell Therapy. <i>Stem Cell Reviews and Reports</i> , 2016 , 12, 224-34	6.4	18
13	Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons. <i>Neurobiology of Disease</i> , 2020 , 145, 105051	7.5	18
12	Response of myelodysplastic syndrome marrow progenitor cells to stimulation with cytokine combinations in a stroma-free long-term culture system. <i>British Journal of Haematology</i> , 1996 , 92, 548-58	4.5	15
11	Motor neuron differentiation of iPSCs obtained from peripheral blood of a mutant TARDBP ALS patient. <i>Stem Cell Research</i> , 2018 , 30, 61-68	1.6	15
10	Developmental and tissue-specific regulation of a novel dysferlin isoform. <i>Muscle and Nerve</i> , 2004 , 30, 366-74	3.4	14
9	Complete neural stem cell (NSC) neuronal differentiation requires a branched chain amino acids-induced persistent metabolic shift towards energy metabolism. <i>Pharmacological Research</i> , 2020 , 158, 104863	10.2	14
8	NMR Metabolomics for Stem Cell type discrimination. <i>Scientific Reports</i> , 2017 , 7, 15808	4.9	9
7	Reprogramming fibroblasts and peripheral blood cells from a C9ORF72 patient: A proof-of-principle study. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 4051-4060	5.6	5
6	Efficient retrovirus-mediated transduction of primitive human peripheral blood progenitor cells in stroma-free suspension culture. <i>Gene Therapy</i> , 2001 , 8, 687-96	4	5
5	Labeling and tracking of human mesenchymal stem cells using near-infrared technology. <i>Methods in Molecular Biology</i> , 2013 , 1052, 13-28	1.4	4
4	Adiponectin levels in the serum and cerebrospinal fluid of amyotrophic lateral sclerosis patients: possible influence on neuroinflammation?. <i>Journal of Neuroinflammation</i> , 2017 , 14, 85	10.1	3
3	Molecular and phenotypical characterization of human amniotic fluid cells and their differentiation potential. <i>Bio-Medical Materials and Engineering</i> , 2008 , 18, 183-185	1	3
2	TDP-43 and NOVA-1 RNA-binding proteins as competitive splicing regulators of the schizophrenia-associated TNIK gene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019 , 1862, 194413	6	2
1	Improvement of Combined FISH and Immunofluorescence to Trace the Fate of Somatic Stem Cells after Transplantation. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 1333-1339	3.4	2