Roberta Tasso

List of Publications by Citations

32 papers	2,387 citations	20 h-index	35 g-index
35 ext. papers	2,737 ext. citations	6.6 avg, IF	4.8 L-index

#	Paper	IF	Citations
32	Bone marrow mesenchymal progenitor cells inhibit lymphocyte proliferation by activation of the programmed death 1 pathway. *European Journal of Immunology*, **2005**, 35, 1482-90	6.1	544
31	Cell therapy using allogeneic bone marrow mesenchymal stem cells prevents tissue damage in collagen-induced arthritis. *Arthritis and Rheumatism*, **2007**, 56, 1175-86		473
30	Mesenchymal Stem Cell-Derived Extracellular Vesicles as Mediators of Anti-Inflammatory Effects: Endorsement of Macrophage Polarization. *Stem Cells Translational Medicine*, **2017**, 6, 1018-1028	6.9	260
29	The development of tissue-engineered bone of different origin through endochondral and intramembranous ossification following the implantation of mesenchymal stem cells and osteoblasts in a murine model. *Biomaterials*, **2010**, 31, 242-9	15.6	108
28	Development of sarcomas in mice implanted with mesenchymal stem cells seeded onto bioscaffolds. *Carcinogenesis*, **2009**, 30, 150-7	4.6	92
27	The recruitment of two consecutive and different waves of host stem/progenitor cells during the development of tissue-engineered bone in a murine model. *Biomaterials*, **2010**, 31, 2121-9	15.6	88
26	Mesenchymal stem cells induce functionally active T-regulatory lymphocytes in a paracrine fashion and ameliorate experimental autoimmune uveitis **2012**, 53, 786-93		85
25	Recruitment of a host osteoprogenitor cells using exogenous mesenchymal stem cells seeded on porous ceramic. *Tissue Engineering - Part A*, **2009**, 15, 2203-12	3.9	76
24	Bone turnover in wild type and pleiotrophin-transgenic mice housed for three months in the International Space Station (ISS). *PLoS ONE*, **2012**, 7, e33179	3.7	70
23	The role of bFGF on the ability of MSC to activate endogenous regenerative mechanisms in an ectopic bone formation model. *Biomaterials*, **2012**, 33, 2086-96	15.6	69
22	An Alu-like RNA promotes cell differentiation and reduces malignancy of human neuroblastoma cells. *FASEB Journal*, **2010**, 24, 4033-46	0.9	63
21	Mesenchymal stem cell paracrine activity is modulated by platelet lysate: induction of an inflammatory response and secretion of factors maintaining macrophages in a proinflammatory phenotype. *Stem Cells and Development*, **2014**, 23, 1858-69	4.4	59
20	Extracellular Vesicles as Natural, Safe and Efficient Drug Delivery Systems. *Pharmaceutics*, **2019**, 11,	6.4	50
19	Dichloroacetate inhibits neuroblastoma growth by specifically acting against malignant undifferentiated cells. *International Journal of Cancer*, **2012**, 130, 1484-93	7.5	46
18	In vivo implanted bone marrow-derived mesenchymal stem cells trigger a cascade of cellular events leading to the formation of an ectopic bone regenerative niche. *Stem Cells and Development*, **2013**, 22, 3178-91	4.4	46
17	The Regenerative Role of the Fetal and Adult Stem Cell Secretome. *Journal of Clinical Medicine*, **2013**, 2, 302-27	5.1	46
16	Delivery of cellular factors to regulate bone healing. *Advanced Drug Delivery Reviews*, **2018**, 129, 285-294	18.5	34

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15	Organization of extracellular matrix fibers within polyglycolic acid-polylactic acid scaffolds analyzed using X-ray synchrotron-radiation phase-contrast micro computed tomography. *Tissue Engineering - Part C: Methods*, **2009**, 15, 403-11	2.9	28
14	When stem cells meet immunoregulation. *International Immunopharmacology*, **2009**, 9, 596-8	5.8	22
13	Extracellular Vesicles as Biomarkers and Therapeutic Tools: From Pre-Clinical to Clinical Applications. *Biology*, **2021**, 10,	4.9	20
12	Dissecting the effects of preconditioning with inflammatory cytokines and hypoxia on the angiogenic potential of mesenchymal stromal cell (MSC)-derived soluble proteins and extracellular vesicles (EVs). *Biomaterials*, **2021**, 269, 120633	15.6	20
11	Lipocalin-2 controls the expression of SDF-1 and the number of responsive cells in bone. *Cytokine*, **2010**, 51, 47-52	4	16
10	Isolation and Flow Cytometry Characterization of Extracellular-Vesicle Subpopulations Derived from Human Mesenchymal Stromal Cells. *Current Protocols in Stem Cell Biology*, **2019**, 48, e76	2.8	16
9	Learning from Mother Nature: Innovative Tools to Boost Endogenous Repair of Critical or Difficult-to-Heal Large Tissue Defects. *Frontiers in Bioengineering and Biotechnology*, **2017**, 5, 28	5.8	14
8	Identification of a New Cell Population Constitutively Circulating in Healthy Conditions and Endowed with a Homing Ability Toward Injured Sites. *Scientific Reports*, **2015**, 5, 16574	4.9	10
7	Circulating healing (CH) cells expressing BST2 are functionally activated by the injury-regulated systemic factor HGFA. *Stem Cell Research and Therapy*, **2018**, 9, 300	8.3	9
6	Role of extracellular vesicles from adipose tissue- and bone marrow-mesenchymal stromal cells in endothelial proliferation and chondrogenesis. *Stem Cells Translational Medicine*, **2021**, 10, 1680-1695	6.9	6
5	A Method for Isolating and Characterizing Mesenchymal Stromal Cell-derived Extracellular Vesicles. *Current Protocols in Stem Cell Biology*, **2018**, 46, e55	2.8	5
4	Harnessing Endogenous Cellular Mechanisms for Bone Repair. *Frontiers in Bioengineering and Biotechnology*, **2017**, 5, 52	5.8	4
3	Down-regulation of 21A Alu RNA as a tool to boost proliferation maintaining the tissue regeneration potential of progenitor cells. *Cell Cycle*, **2016**, 15, 2420-30	4.7	3
2	The Human Fetal and Adult Stem Cell Secretome Can Exert Cardioprotective Paracrine Effects against Cardiotoxicity and Oxidative Stress from Cancer Treatment. *Cancers*, **2021**, 13,	6.6	3
1	Targeting PIK3CA Actionable Mutations in the Circulome: A Proof of Concept in Metastatic Breast Cancer. *International Journal of Molecular Sciences*, **2022**, 23, 6320	6.3	0