Francesca Perut

List of Publications by Citations

44 papers	5,528 citations	25 h-index	51 g-index
51 ext. papers	7,629 ext. citations	5.5 avg, IF	4.6 L-index

#	Paper	IF	Citations
44	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
43	Human bone marrow- and adipose-mesenchymal stem cells secrete exosomes enriched in distinctive miRNA and tRNA species. *Stem Cell Research and Therapy*, **2015**, 6, 127	8.3	430
42	Apatite formation on bioactive calcium-silicate cements for dentistry affects surface topography and human marrow stromal cells proliferation. *Dental Materials*, **2010**, 26, 974-92	5.7	145
41	Proton pump inhibitor chemosensitization in human osteosarcoma: from the bench to the patientsV bed. *Journal of Translational Medicine*, **2013**, 11, 268	8.5	87
40	Exosomes: novel effectors of human platelet lysate activity. *European Cells and Materials*, **2014**, 28, 137-51; discussion 151	4.3	80
39	Multimodal transfer of MDR by exosomes in human osteosarcoma. *International Journal of Oncology*, **2016**, 49, 189-96	4.4	77
38	The Role of Autophagy in the Maintenance of Stemness and Differentiation of Mesenchymal Stem Cells. *Stem Cell Reviews and Reports*, **2016**, 12, 621-633	6.4	77
37	Altered pH gradient at the plasma membrane of osteosarcoma cells is a key mechanism of drug resistance. *Oncotarget*, **2016**, 7, 63408-63423	3.3	67
36	Improved osteogenic differentiation of human marrow stromal cells cultured on ion-induced chemically structured poly-epsilon-caprolactone. *Biomaterials*, **2007**, 28, 1132-40	15.6	65
35	New Portland cement-based materials for endodontics mixed with articaine solution: a study of cellular response. *Journal of Endodontics*, **2008**, 34, 39-44	4.7	64
34	V-ATPase is a candidate therapeutic target for Ewing sarcoma. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 1105-16	6.9	53
33	Innovative silicate-based cements for endodontics: a study of osteoblast-like cell response. *Journal of Biomedical Materials Research - Part A*, **2008**, 87, 477-86	5.4	51
32	Sarcoma treatment in the era of molecular medicine. *EMBO Molecular Medicine*, **2020**, 12, e11131	12	48
31	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. *Cytotherapy*, **2013**, 15, 830-9	4.8	47
30	Effects of activated platelet concentrates on human primary cultures of fibroblasts and osteoblasts. *Journal of Periodontology*, **2005**, 76, 323-8	4.6	45
29	V-ATPase as an effective therapeutic target for sarcomas. *Experimental Cell Research*, **2014**, 320, 21-32	4.2	40
28	Increased osteoclast activity is associated with aggressiveness of osteosarcoma. *International Journal of Oncology*, **2008**, 33, 1231-8	1	39

27	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. *Biomolecules*, **2021**, 11,	5.9	35
26	Novel soybean/gelatine-based bioactive and injectable hydroxyapatite foam: material properties and cell response. *Acta Biomaterialia*, **2011**, 7, 1780-7	10.8	31
25	In vitro evaluation of freeze-dried bone allografts combined with platelet rich plasma and human bone marrow stromal cells for tissue engineering. *Journal of Materials Science: Materials in Medicine* , **2009**, 20, 45-50	4.5	30
24	Endothelial cells incubated with platelet-rich plasma express PDGF-B and ICAM-1 and induce bone marrow stromal cell migration. *Journal of Orthopaedic Research*, **2009**, 27, 1493-8	3.8	29
23	V-ATPase as an effective therapeutic target for sarcomas. *Experimental Cell Research*, **2014**, 320, 21-32	4.2	28
22	In vitro models for the evaluation of angiogenic potential in bone engineering. *Acta Pharmacologica Sinica*, **2011**, 32, 21-30	8	27
21	Exosome-like Nanovesicles Isolated from Citrus limon L. Exert Antioxidative Effect. *Current Pharmaceutical Biotechnology*, **2018**, 19, 877-885	2.6	27
20	Flexible polymeric ultrathin film for mesenchymal stem cell differentiation. *Acta Biomaterialia*, **2011**, 7, 2883-91	10.8	26
19	Carbonic anhydrase IX inhibition is an effective strategy for osteosarcoma treatment. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 1593-605	6.4	23
18	The effect of extracellular acidosis on the behaviour of mesenchymal stem cells in vitro. *European Cells and Materials*, **2017**, 33, 252-267	4.3	23
17	Insulin receptor isoforms are differently expressed during human osteoblastogenesis. *Differentiation*, **2012**, 83, 242-8	3.5	23
16	Osteoblasts from a mandibuloacral dysplasia patient induce human blood precursors to differentiate into active osteoclasts. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2011** , 1812, 711-8	6.9	23
15	The Emerging Roles of Extracellular Vesicles in Osteosarcoma. *Frontiers in Oncology*, **2019**, 9, 1342	5.3	20
14	Isolation, characterisation and osteogenic potential of human bone marrow stromal cells derived from the medullary cavity of the femur. *La Chirurgia Degli Organi Di Movimento*, **2008**, 92, 97-103		16
13	Extracellular Nanovesicles Secreted by Human Osteosarcoma Cells Promote Angiogenesis. *Cancers*, **2019**, 11,	6.6	15
12	Spheroid-based 3D cell cultures identify salinomycin as a promising drug for the treatment of chondrosarcoma. *Journal of Orthopaedic Research*, **2018**, 36, 2305	3.8	15
11	Increased osteoclast activity is associated with aggressiveness of osteosarcoma **1992**, 33, 1231		15
10	Background and rationale of platelet gel in orthopaedic surgery. *Musculoskeletal Surgery*, **2010**, 94, 1-8	2.4	13

9	Diketocarboxylic Acids and Their Esters Act as Carbonic Anhydrase IX and XII Selective Inhibitors. *ACS Medicinal Chemistry Letters*, **2019**, 10, 661-665	4.3	12
8	Pre-clinical Models for Studying the Interaction Between Mesenchymal Stromal Cells and Cancer Cells and the Induction of Stemness. *Frontiers in Oncology*, **2019**, 9, 305	5.3	10
7	Immunogenic properties of renal cell carcinoma and the pathogenesis of osteolytic bone metastases. *International Journal of Oncology*, **2009**, 34, 1387-93	1	10
6	Recent highlights on bone stem cells: a report from Bone Stem Cells 2009, and not only *Journal of Cellular and Molecular Medicine*, **2010**, 14, 2614-21	5.6	5
5	Immunogenic properties of renal cell carcinoma and the pathogenesis of osteolytic bone metastases **2009**,		3
4	The Release of Inflammatory Mediators from Acid-Stimulated Mesenchymal Stromal Cells Favours Tumour Invasiveness and Metastasis in Osteosarcoma. *Cancers*, **2021**, 13,	6.6	3
3	Cell-based Assay System for Predicting Bone Regeneration in Patient Affected by Aseptic Nonunion and Treated with Platelet Rich Fibrin. *Current Pharmaceutical Biotechnology*, **2016**, 17, 1079-1088	2.6	3
2	Exosomes Are Comparable to Source Adipose Stem Cells in Fat Graft Retention with Up-Regulating Early Inflammation and Angiogenesis. *Plastic and Reconstructive Surgery*, **2020**, 146, 232e	2.7	3
1	Chapter 11:Mesenchymal Osteogenic Precursors for Bone Repair and Regeneration **2010**, 235-247		