

# Francesca Perut

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

9,623  
citations

218381

26  
h-index

233125

45  
g-index

51  
all docs

51  
docs citations

51  
times ranked

15455  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Human bone marrow- and adipose-mesenchymal stem cells secrete exosomes enriched in distinctive miRNA and tRNA species. <i>Stem Cell Research and Therapy</i> , 2015, 6, 127.	2.4	599
3	Apatite formation on bioactive calcium-silicate cements for dentistry affects surface topography and human marrow stromal cells proliferation. <i>Dental Materials</i> , 2010, 26, 974-992.	1.6	165
4	Sarcoma treatment in the era of molecular medicine. <i>EMBO Molecular Medicine</i> , 2020, 12, e11131.	3.3	154
5	Exosomes: novel effectors of human platelet lysate activity. , 2014, 28, 137-151.		140
6	Proton pump inhibitor chemosensitization in human osteosarcoma: from the bench to the patientsâ€™ bed. <i>Journal of Translational Medicine</i> , 2013, 11, 268.	1.8	115
7	Multimodal transfer of MDR by exosomes in human osteosarcoma. <i>International Journal of Oncology</i> , 2016, 49, 189-196.	1.4	115
8	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. <i>Biomolecules</i> , 2021, 11, 87.	1.8	113
9	The Role of Autophagy in the Maintenance of Stemness and Differentiation of Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 621-633.	5.6	91
10	Exosome-like Nanovesicles Isolated from Citrus limon L. Exert Antioxidative Effect. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 877-885.	0.9	83
11	Altered pH gradient at the plasma membrane of osteosarcoma cells is a key mechanism of drug resistance. <i>Oncotarget</i> , 2016, 7, 63408-63423.	0.8	78
12	Improved osteogenic differentiation of human marrow stromal cells cultured on ion-induced chemically structured poly-Îµ-caprolactone. <i>Biomaterials</i> , 2007, 28, 1132-1140.	5.7	75
13	New Portland Cementâ€™based Materials for Endodontics Mixed with Articaine Solution: A Study of Cellular Response. <i>Journal of Endodontics</i> , 2008, 34, 39-44.	1.4	70
14	V-ATPase is a candidate therapeutic target for Ewing sarcoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1105-1116.	1.8	62
15	Preparation method and growth factor content of platelet concentrate influence the osteogenic differentiation of bone marrow stromal cells. <i>Cytotherapy</i> , 2013, 15, 830-839.	0.3	58
16	Innovative silicateâ€™based cements for endodontics: A study of osteoblastâ€™like cell response. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 477-486.	2.1	56
17	Effects of Activated Platelet Concentrates on Human Primary Cultures of Fibroblasts and Osteoblasts. <i>Journal of Periodontology</i> , 2005, 76, 323-328.	1.7	49
18	V-ATPase as an effective therapeutic target for sarcomas. <i>Experimental Cell Research</i> , 2014, 320, 21-32.	1.2	47

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19	Increased osteoclast activity is associated with aggressiveness of osteosarcoma. International Journal of Oncology, 1992, 33, 1231.	1.4	42
20	Increased osteoclast activity is associated with aggressiveness of osteosarcoma. International Journal of Oncology, 2008, 33, 1231-8.	1.4	39
21	Novel soybean/gelatine-based bioactive and injectable hydroxyapatite foam: Material properties and cell response. Acta Biomaterialia, 2011, 7, 1780-1787.	4.1	38
22	The effect of extracellular acidosis on the behaviour of mesenchymal stem cells in vitro. , 2017, 33, 252-267.		35
23	Endothelial cells incubated with platelet-rich plasma express PDGF- $\beta$ and ICAM-1 and induce bone marrow stromal cell migration. Journal of Orthopaedic Research, 2009, 27, 1493-1498.	1.2	34
24	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.	1.7	33
25	The Emerging Roles of Extracellular Vesicles in Osteosarcoma. Frontiers in Oncology, 2019, 9, 1342.	1.3	33
26	In vitro models for the evaluation of angiogenic potential in bone engineering. Acta Pharmacologica Sinica, 2011, 32, 21-30.	2.8	29
27	Flexible polymeric ultrathin film for mesenchymal stem cell differentiation. Acta Biomaterialia, 2011, 7, 2883-2891.	4.1	28
28	Insulin receptor isoforms are differently expressed during human osteoblastogenesis. Differentiation, 2012, 83, 242-248.	1.0	28
29	Carbonic anhydrase IX inhibition is an effective strategy for osteosarcoma treatment. Expert Opinion on Therapeutic Targets, 2015, 19, 1593-1605.	1.5	28
30	V-ATPase as an effective therapeutic target for sarcomas. Experimental Cell Research, 2014, 320, 21-32.	1.2	28
31	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, 711-718.	1.8	27
32	Extracellular Nanovesicles Secreted by Human Osteosarcoma Cells Promote Angiogenesis. Cancers, 2019, 11, 779.	1.7	25
33	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.	1.3	20
34	Spheroid-based 3D cell cultures identify salinomycin as a promising drug for the treatment of chondrosarcoma. Journal of Orthopaedic Research, 2018, 36, 2305-2312.	1.2	19
35	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.	0.2	18
36	$\beta$ , $\gamma$ -Diketocarboxylic Acids and Their Esters Act as Carbonic Anhydrase IX and XII Selective Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 661-665.	1.3	18

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37	Background and rationale of platelet gel in orthopaedic surgery. <i>Musculoskeletal Surgery</i> , 2010, 94, 1-8.	0.7	15
38	The Release of Inflammatory Mediators from Acid-Stimulated Mesenchymal Stromal Cells Favours Tumour Invasiveness and Metastasis in Osteosarcoma. <i>Cancers</i> , 2021, 13, 5855.	1.7	14
39	Immunogenic properties of renal cell carcinoma and the pathogenesis of osteolytic bone metastases. <i>International Journal of Oncology</i> , 2009, 34, 1387-93.	1.4	11
40	Cell-based Assay System for Predicting Bone Regeneration in Patient Affected by Aseptic Nonunion and Treated with Platelet Rich Fibrin. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 1079-1088.	0.9	7
41	Recent highlights on bone stem cells: a report from Bone Stem Cells 2009, and not only. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2614-2621.	1.6	6
42	Immunogenic properties of renal cell carcinoma and the pathogenesis of osteolytic bone metastases. <i>International Journal of Oncology</i> , 2009, , .	1.4	5
43	Exosomes Are Comparable to Source Adipose Stem Cells in Fat Graft Retention with Up-Regulating Early Inflammation and Angiogenesis. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 232e-232e.	0.7	3
44	FT-IR Spectral Signature of Sensitive and Multidrug-Resistant Osteosarcoma Cell-Derived Extracellular Nanovesicles. <i>Cells</i> , 2022, 11, 778.	1.8	3
45	Citrate Supplementation Restores the Impaired Mineralisation Resulting from the Acidic Microenvironment: An In Vitro Study. <i>Nutrients</i> , 2020, 12, 3779.	1.7	2
46	Ultrasound-guided injection of platelet-rich plasma or cord blood platelet-rich plasma in nonunion: a randomized controlled trial. <i>Regenerative Medicine</i> , 2022, 17, 271-281.	0.8	2
47	Chapter 11. Mesenchymal Osteogenic Precursors for Bone Repair and Regeneration. , 2010, , 235-247.		0
48	Exosomes derived from human platelet lysate affect MSC functions in vitro. <i>Bone Abstracts</i> , 0, , .	0.0	0
49	Editorial: Extracellular Vesicles in Bone Oncology. <i>Frontiers in Oncology</i> , 2022, 12, 861335.	1.3	0