Nicoletta Zini

List of Publications by Year
in descending order

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72 papers	3,500 citations	201575 27 h-index	143943 57 g-index
72 all docs	72 docs citations	72 times ranked	5656 citing authors

#	Article	IF	Citations
1	FT-IR Spectral Signature of Sensitive and Multidrug-Resistant Osteosarcoma Cell-Derived Extracellular Nanovesicles. Cells, 2022, 11, 778.	1.8	3
2	Genomic integrity and mitochondrial metabolism defects in Warsaw syndrome cells: a comparison with Fanconi anemia. Journal of Cellular Physiology, 2021, 236, 5664-5675.	2.0	1
3	Polysaccharides on gelatin-based hydrogels differently affect chondrogenic differentiation of human mesenchymal stromal cells. Materials Science and Engineering C, 2021, 126, 112175.	3.8	14
4	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. Biomolecules, 2021, 11, 87.	1.8	113
5	Morphological study of TNPO3 and SRSF1 interaction during myogenesis by combining confocal, structured illumination and electron microscopy analysis. Molecular and Cellular Biochemistry, 2021, 476, 1797-1811.	1.4	12
6	The Release of Inflammatory Mediators from Acid-Stimulated Mesenchymal Stromal Cells Favours Tumour Invasiveness and Metastasis in Osteosarcoma. Cancers, 2021, 13, 5855.	1.7	14
7	Chitosanâ€based scaffold counteracts hypertrophic and fibrotic markers in chondrogenic differentiated mesenchymal stromal cells. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1896-1911.	1.3	17
8	The masks of Lorenzo Tenchini: their anatomy and surgical/bioengineering clues. Journal of Anatomy, 2019, 235, 1036-1044.	0.9	0
9	Extracellular Nanovesicles Secreted by Human Osteosarcoma Cells Promote Angiogenesis. Cancers, 2019, 11, 779.	1.7	25
10	5-Aza Exposure Improves Reprogramming Process Through Embryoid Body Formation in Human Gingival Stem Cells. Frontiers in Genetics, 2018, 9, 419.	1.1	46
11	Immunoelectron microscopic localization of Collagen type XV during human mesenchymal stem cells mineralization. Connective Tissue Research, 2018, 59, 42-45.	1.1	7
12	Exosome-like Nanovesicles Isolated from Citrus limon L. Exert Antioxidative Effect. Current Pharmaceutical Biotechnology, 2018, 19, 877-885.	0.9	83
13	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. Clinical Cancer Research, 2017, 23, 3721-3733.	3.2	150
14	Altered pH gradient at the plasma membrane of osteosarcoma cells is a key mechanism of drug resistance. Oncotarget, 2016, 7, 63408-63423.	0.8	78
15	Non-invasive prostate cancer detection by measuring miRNA variants (isomiRs) in urine extracellular vesicles. Oncotarget, 2016, 7, 22566-22578.	0.8	113
16	Multimodal transfer of MDR by exosomes in human osteosarcoma. International Journal of Oncology, 2016, 49, 189-196.	1.4	115
17	Energy metabolism in osteoclast formation and activity. International Journal of Biochemistry and Cell Biology, 2016, 79, 168-180.	1.2	147
18	CD99 triggering induces methuosis of Ewing sarcoma cells through IGF-1R/RAS/Rac1 signaling. Oncotarget, 2016, 7, 79925-79942.	0.8	40

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19	Osteogenic differentiation of human MSCs: Specific occupancy of the mitochondrial DNA by NFATc1 transcription factor. International Journal of Biochemistry and Cell Biology, 2015, 64, 212-219.	1.2	27
20	Assessment of an Efficient Xeno-Free Culture System of Human Periodontal Ligament Stem Cells. Tissue Engineering - Part C: Methods, 2015, 21, 52-64.	1.1	43
21	Novel nano-composite biomimetic biomaterial allows chondrogenic and osteogenic differentiation of bone marrow concentrate derived cells. Journal of Materials Science: Materials in Medicine, 2015, 26, 173.	1.7	18
22	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.	2.4	599
23	Melanocytes from Patients Affected by Ullrich Congenital Muscular Dystrophy and Bethlem Myopathy have Dysfunctional Mitochondria That Can be Rescued with Cyclophilin Inhibitors. Frontiers in Aging Neuroscience, 2014, 6, 324.	1.7	12
24	Nontemplated Nucleotide Additions Distinguish the Small RNA Composition in Cells from Exosomes. Cell Reports, 2014, 8, 1649-1658.	2.9	484
25	Growth on poly(l-lactic acid) porous scaffold preserves CD73 and CD90 immunophenotype markers of rat bone marrow mesenchymal stromal cells. Journal of Materials Science: Materials in Medicine, 2014, 25, 2421-2436.	1.7	7
26	Chondrogenic Potential of Slug-Depleted Human Mesenchymal Stem Cells. Tissue Engineering - Part A, 2014, 20, 2795-2805.	1.6	13
27	Sustained Autocrine Induction and Impaired Negative Feedback of Osteoclastogenesis in CD14+ Cells of Giant Cell Tumor of Bone. American Journal of Pathology, 2013, 182, 1357-1366.	1.9	7
28	V-ATPase is a candidate therapeutic target for Ewing sarcoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1105-1116.	1.8	62
29	Chondrogenic differentiation of bone marrow concentrate grown onto a hylauronan scaffold: Rationale for its use in the treatment of cartilage lesions. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1559-1570.	2.1	23
30	Gli organi endocrini bioartificiali: prospettive della ricerca traslazionale applicata alla medicina rigenerativa in endocrinologia. L Endocrinologo, 2012, 13, 113-121.	0.0	0
31	Extracellular calcium chronically induced human osteoblasts effects: Specific modulation of osteocalcin and collagen type XV. Journal of Cellular Physiology, 2012, 227, 3151-3161.	2.0	27
32	Ex situ bioengineering of bioartificial endocrine glands: A new frontier in regenerative medicine of soft tissue organs. Annals of Anatomy, 2011, 193, 381-394.	1.0	22
33	Evidence of specific characteristics and osteogenic potentiality in bone cells from tibia. Journal of Cellular Physiology, 2011, 226, 2675-2682.	2.0	15
34	Mineralization behavior with mesenchymal stromal cells in a biomimetic hyaluronic acid-based scaffold. Biomaterials, 2010, 31, 3986-3996.	5.7	50
35	Surfaceâ€dependent modulation of proliferation, bone matrix molecules, and inflammatory factors in human osteoblasts. Journal of Biomedical Materials Research - Part A, 2009, 89A, 687-696.	2.1	14
36	Gene array profile identifies collagen type XV as a novel human osteoblastâ€secreted matrix protein. Journal of Cellular Physiology, 2009, 220, 401-409.	2.0	30

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37	PKC-Î¶ expression is lower in osteoblasts from arthritic patients: IL1-Î² and TNF-Î± induce a similar decrease in non-arthritic human osteoblasts. Journal of Cellular Biochemistry, 2008, 103, 547-555.	1.2	8
38	Effects of prelamin A processing inhibitors on the differentiation and activity of human osteoclasts. Journal of Cellular Biochemistry, 2008, 105, 34-40.	1.2	21
39	Functional interleukinâ€7/interleukinâ€7Rî±, and SDFâ€1Î±/CXCR4 are expressed by human periodontal ligament derived mesenchymal stem cells. Journal of Cellular Physiology, 2008, 214, 706-713.	2.0	46
40	Chondrogenic differentiation of murine and human mesenchymal stromal cells in a hyaluronic acid scaffold: Differences in gene expression and cell morphology. Journal of Biomedical Materials Research - Part A, 2006, 77A, 497-506.	2.1	29
41	Subnuclear localization and differentiation-dependent increased expression of DGK-Î¶ in C2C12 mouse myoblasts. Journal of Cellular Physiology, 2006, 209, 370-378.	2.0	33
42	Effects of antisense mediated inhibition of cathepsin K on human osteoclasts obtained from peripheral blood. Journal of Orthopaedic Research, 2006, 24, 1699-1708.	1.2	10
43	Cellular and molecular events during chondrogenesis of human mesenchymal stromal cells grown in a three-dimensional hyaluronan based scaffold. Biomaterials, 2005, 26, 5677-5686.	5.7	117
44	Quantitative immunodetection of key elements of polyphosphoinositide signal transduction in osteoblasts from arthritic patients shows a direct correlation with cell proliferation. Histochemistry and Cell Biology, 2005, 124, 131-137.	0.8	8
45	Single and Double Colloidal Gold Labeling in Postembedding Immunoelectron Microscopy. , 2004, 285, 161-170.		0
46	IL1-? and TNF-? induce changes in the nuclear polyphosphoinositide signalling system in osteoblasts similar to that occurring in patients with rheumatoid arthritis: an immunochemical and immunocytochemical study. Histochemistry and Cell Biology, 2003, 120, 243-250.	0.8	23
47	Involvement of nuclear phosphatidylinositol-dependent phospholipases c in cell cycle progression during rat liver regeneration. Journal of Cellular Physiology, 2003, 197, 181-188.	2.0	31
48	An Elevated Number of Differentiated Osteoblast Colonies Can Be Obtained from Rat Bone Marrow Stromal Cells Using a Gradient Isolation Procedure. Connective Tissue Research, 2001, 42, 49-58.	1.1	14
49	pRb2/p130 and p107 control cell growth by multiple strategies and in association with different compartments within the nucleus. Journal of Cellular Physiology, 2001, 189, 34-44.	2.0	35
50	Anti-Fas-induced apoptosis in chondrocytes reduced by hyaluronan: Evidence for CD44 and CD54 (intercellular adhesion molecule 1) involvement. Arthritis and Rheumatism, 2001, 44, 1800-1807.	6.7	111
51	Nuclear domains involved in inositol lipid signal transductionâœ. Advances in Enzyme Regulation, 2000, 40, 219-253.	2.9	7
52	Topology of inositol lipid signal transduction in the nucleus. , 1999, 181, 203-217.		68
53	P-glycoprotein subcellular localization and cell morphotype in MDR1 gene-transfected human osteosarcoma cells. Biology of the Cell, 1999, 91, 17-28.	0.7	6
54	Molecular and Biological Features of Two New Human Squamous and Adenocarcinoma of the Lung Cell Lines. Cancer Genetics and Cytogenetics, 1998, 107, 11-20.	1.0	15

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55	Establishment and characterization of two new cell lines derived from human metastatic breast carcinomas. Breast Cancer Research and Treatment, 1997, 43, 141-151.	1.1	5
56	Increase of nuclear phosphatidylinositol 4,5-bisphosphate and phospholipase C Î²1 is not associated to variations of protein kinase C in multidrug-resistant Saos-2 cells. Microscopy Research and Technique, 1997, 36, 172-178.	1.2	11
57	Transfected Saos-2 cells overexpressing phosphoinositidase CÎ²1 isoform accumulate it within the nucleus. Biology of the Cell, 1996, 86, 121-126.	0.7	7
58	Interleukin-1Î± induces variations of the intranuclear amount of phosphatidylinositol 4,5-bisphosphate and phospholipase C Î²1 in human osteosarcoma Saos-2 cells. The Histochemical Journal, 1996, 28, 495-504.	0.6	18
59	Cytoplasmic and nuclear localization sites of phosphatidylinositol 3-kinase in human osteosarcoma sensitive and multidrug-resistant Saos-2 cells. Histochemistry and Cell Biology, 1996, 106, 457-464.	0.8	33
60	Cytoplasmic and nuclear localization sites of phosphatidylinositol 3-kinase in human osteosarcoma sensitive and multidrug-resistant Saos-2 cells. Histochemistry and Cell Biology, 1996, 106, 457-464.	0.8	2
61	Multidrug-resistance (MDR) phenotype of human osteosarcoma cells evaluated by quantitative morphological and electron microscopy analyses. Biology of the Cell, 1995, 84, 195-204.	0.7	5
62	Immunocytochemical detection of the intranuclear variations of phosphatidylinositol 4,5-bisphosphate amount associated with changes of activity and amount of phospholipase C Î²1 in cells exposed to mitogenic or differentiating agonists. Biology of the Cell, 1995, 83, 201-210.	0.7	23
63	Transfer of HIV-1 to Human Tonsillar Stromal Cells Following Cocultivation with Infected Lymphocytes. AIDS Research and Human Retroviruses, 1994, 10, 675-682.	0.5	3
64	Discrete Localization of Different DNA Topoisomerases in HeLa and K562 Cell Nuclei and Subnuclear Fractions. Experimental Cell Research, 1994, 210, 336-348.	1.2	57
65	Phosphoinositidase C Isoforms Are Specifically Localized in the Nuclear Matrix and Cytoskeleton of Swiss 3T3 Cells. Experimental Cell Research, 1993, 208, 257-269.	1.2	54
66	Phosphoinositidase C isozymes in SaOS-2 cells: Immunocytochemical detection in nuclear and cytoplasmic compartments. Biology of the Cell, 1993, 79, 243-250.	0.7	24
67	Evaluation of osteonectin as a diagnostic marker of osteogenic bone tumors. Human Pathology, 1992, 23, 1326-1331.	1.1	36
68	Monoclonal antibodies to human DNA topoisomerase I and the two isoforms of DNA topoisomerase II: 170- and 180-kDa isozymes. Experimental Cell Research, 1992, 200, 452-459.	1.2	105
69	The 180-kDa isoform of topoisomerase II is localized in the nucleolus and belongs to the structural elements of the nucleolar remnant. Experimental Cell Research, 1992, 200, 460-466.	1.2	94
70	Image analysis of the chromatin organization in the nuclear domains of freeze fractured hepatocytes and lymphocytes. Biology of the Cell, 1990, 70, 107-119.	0.7	8
71	Electron microscopy microsampling of isolated nuclei sorted by flow cytometry. Cytometry, 1986, 7, 605-608.	1.8	2
72	Quantitative immunodetection of key elements of polyphosphoinositide signal transduction in osteoblasts from arthritic patients shows a direct correlation with cell proliferation. Biotechnology Letters, 0, , 1-7.	1.1	0