

Maria Teresa Valenti

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.

90
papers

1,648
citations

23
h-index

37
g-index

103
ext. papers

2,034
ext. citations

5.1
avg, IF

4.6
L-index

#	Paper	IF	Citations
90	Circulating mesenchymal stem cells with abnormal osteogenic differentiation in patients with osteoporosis. <i>Arthritis and Rheumatism</i> , 2009 , 60, 3356-65		117
89	Effects of exercise training on endothelial progenitor cells in patients with chronic heart failure. <i>Journal of Cardiac Failure</i> , 2007 , 13, 701-8	3.3	84
88	Bone microarchitecture evaluated by histomorphometry. <i>Micron</i> , 2005 , 36, 609-16	2.3	82
87	Transcription factor Runx2 and its application to bone tissue engineering. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 891-7	6.4	81
86	Serum 25-hydroxyvitamin D levels modulate the acute-phase response associated with the first nitrogen-containing bisphosphonate infusion. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 447-54	6.3	71
85	Gene expression analysis in osteoblastic differentiation from peripheral blood mesenchymal stem cells. <i>Bone</i> , 2008 , 43, 1084-92	4.7	66
84	Osteogenic Differentiation in Healthy and Pathological Conditions. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	62
83	Lack of expression of SERPINF1, the gene coding for pigment epithelium-derived factor, causes progressively deforming osteogenesis imperfecta with normal type I collagen. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 723-8	6.3	59
82	Histomorphometric analysis of glucocorticoid-induced osteoporosis. <i>Micron</i> , 2005 , 36, 645-52	2.3	54
81	Role of microRNAs in progenitor cell commitment and osteogenic differentiation in health and disease (Review). <i>International Journal of Molecular Medicine</i> , 2018 , 41, 2441-2449	4.4	36
80	A novel splicing mutation in FKBP10 causing osteogenesis imperfecta with a possible mineralization defect. <i>Bone</i> , 2012 , 50, 343-9	4.7	34
79	Safety and tolerability of zoledronic acid and other bisphosphonates in osteoporosis management. <i>Drug, Healthcare and Patient Safety</i> , 2010 , 2, 121-37	1.6	34
78	Differential Effects of Dabigatran and Warfarin on Bone Volume and Structure in Rats with Normal Renal Function. <i>PLoS ONE</i> , 2015 , 10, e0133847	3.7	33
77	Role of ox-PAPCs in the differentiation of mesenchymal stem cells (MSCs) and Runx2 and PPAR α expression in MSCs-like of osteoporotic patients. <i>PLoS ONE</i> , 2011 , 6, e20363	3.7	33
76	Hypoxia-reperfusion affects osteogenic lineage and promotes sickle cell bone disease. <i>Blood</i> , 2015 , 126, 2320-8	2.2	31
75	The effect of bisphosphonates on gene expression: GAPDH as a housekeeping or a new target gene?. <i>BMC Cancer</i> , 2006 , 6, 49	4.8	31
74	Runx2 mRNA expression in the tissue, serum, and circulating non-hematopoietic cells of patients with thyroid cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1249-56	5.6	28

73	Exploring the wound healing, anti-inflammatory, anti-pathogenic and proteomic effects of lactic acid bacteria on keratinocytes. <i>Scientific Reports</i> , 2020 , 10, 11572	4.9	28
72	Bone histomorphometry in acromegaly patients with fragility vertebral fractures. <i>Pituitary</i> , 2018 , 21, 56-64	4.3	28
71	Vitamin D: Daily vs. Monthly Use in Children and Elderly-What Is Going On?. <i>Nutrients</i> , 2017 , 9,	6.7	26
70	Osteomalacia: the missing link in the pathogenesis of bisphosphonate-related osteonecrosis of the jaws?. <i>Oncologist</i> , 2012 , 17, 1114-9	5.7	26
69	Ascorbic acid induces either differentiation or apoptosis in MG-63 osteosarcoma lineage. <i>Anticancer Research</i> , 2014 , 34, 1617-27	2.3	24
68	Physical Exercise Modulates miR-21-5p, miR-129-5p, miR-378-5p, and miR-188-5p Expression in Progenitor Cells Promoting Osteogenesis. <i>Cells</i> , 2019 , 8,	7.9	23
67	Microarray analysis on human neuroblastoma cells exposed to aluminum, (1-42)-amyloid or the (1-42)-amyloid aluminum complex. <i>PLoS ONE</i> , 2011 , 6, e15965	3.7	23
66	STEAP mRNA detection in serum of patients with solid tumours. <i>Cancer Letters</i> , 2009 , 273, 122-6	9.9	22
65	The impact of progenitor enrichment, serum, and cytokines on the ex vivo expansion of mobilized peripheral blood stem cells: a controlled trial. <i>Stem Cells</i> , 2003 , 21, 33-40	5.8	22
64	Can half-marathon affect overall health? The yin-yang of sport. <i>Journal of Proteomics</i> , 2018 , 170, 80-87	3.9	20
63	Differentiation, proliferation and apoptosis levels in human leiomyoma and leiomyosarcoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 1998 , 124, 93-105	4.9	20
62	βAmyloid-aluminum complex alters cytoskeletal stability and increases ROS production in cortical neurons. <i>Neurochemistry International</i> , 2013 , 62, 566-74	4.4	18
61	Increased Gene Expression of RUNX2 and SOX9 in Mesenchymal Circulating Progenitors Is Associated with Autophagy during Physical Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 8426259	6.7	17
60	Clodronate as a Therapeutic Strategy against Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	17
59	Runx2 expression: A mesenchymal stem marker for cancer. <i>Oncology Letters</i> , 2016 , 12, 4167-4172	2.6	17
58	Increased glutaminyl cyclase expression in peripheral blood of Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 263-71	4.3	16
57	Gene expression profiling in circulating endothelial cells from systemic sclerosis patients shows an altered control of apoptosis and angiogenesis that is modified by iloprost infusion. <i>Arthritis Research and Therapy</i> , 2010 , 12, R131	5.7	16
56	Conditioned medium from MCF-7 cell line induces myofibroblast differentiation, decreased cell proliferation, and increased apoptosis in cultured normal fibroblasts but not in fibroblasts from malignant breast tissue. <i>The Histochemical Journal</i> , 2001 , 33, 499-509		16

55	The curious case of Gβ gain-of-function in neoplasia. <i>BMC Cancer</i> , 2018 , 18, 293	4.8	14
54	CRISPR/Cas system: An emerging technology in stem cell research. <i>World Journal of Stem Cells</i> , 2019 , 11, 937-956	5.6	14
53	Vitamin D Daily versus Monthly Administration: Bone Turnover and Adipose Tissue Influences. <i>Nutrients</i> , 2018 , 10,	6.7	14
52	New Insights into the Runt Domain of RUNX2 in Melanoma Cell Proliferation and Migration. <i>Cells</i> , 2018 , 7,	7.9	14
51	Molecular Approaches To Target GPCRs in Cancer Therapy. <i>Pharmaceuticals</i> , 2011 , 4, 567-589	5.2	13
50	Runx2 overexpression compromises bone quality in acromegalic patients. <i>Endocrine-Related Cancer</i> , 2018 , 25, 269-277	5.7	12
49	Runx2 stimulates neoangiogenesis through the Runt domain in melanoma. <i>Scientific Reports</i> , 2019 , 9, 8052	4.9	11
48	Enhanced Osteogenic Differentiation in Zoledronate-Treated Osteoporotic Patients. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
47	Runx-2 gene expression is associated with age-related changes of bone mineral density in the healthy young-adult population. <i>Journal of Bone and Mineral Metabolism</i> , 2012 , 30, 706-14	2.9	11
46	Diketopyrrolopyrrole Bis-Phosphonate Conjugate: A New Fluorescent Probe for In Vitro Bone Imaging. <i>Chemistry - A European Journal</i> , 2019 , 25, 3617-3626	4.8	11
45	Runx2 downregulation, migration and proliferation inhibition in melanoma cells treated with BELTrefoil. <i>Oncology Reports</i> , 2017 , 37, 2209-2214	3.5	9
44	Effects of Oral Anticoagulant Therapy on Gene Expression in Crosstalk between Osteogenic Progenitor Cells and Endothelial Cells. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
43	Bisphosphonates decrease telomerase activity and hTERT expression in MCF-7 breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2005 , 240, 23-31	4.4	8
42	Mesenchymal stem cells: A new diagnostic tool?. <i>World Journal of Stem Cells</i> , 2015 , 7, 789-92	5.6	8
41	Effects of physical exercise on the prevention of stem cells senescence. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 33-40	7.3	8
40	GNAS Mutations: Drivers or Co-Pilots? Yet, Promising Diagnostic Biomarkers. <i>Trends in Cancer</i> , 2016 , 2, 282-285	12.5	8
39	Plasma IL8 Is a Biomarker for TAK1 Activation and Predicts Resistance to Nanoliposomal Irinotecan in Patients with Gemcitabine-Refractory Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 4661-4669	12.9	7
38	Comparison between Acupuncture and Nutraceutical Treatment with Migratens in Patients with Fibromyalgia Syndrome: A Prospective Randomized Clinical Trial. <i>Nutrients</i> , 2020 , 12,	6.7	7

37	Telomerase mRNA detection in serum of patients with prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013 , 31, 205-10	2.8	7
36	A new nested primer pair improves the specificity of CK-19 mRNA detection by RT-PCR in occult breast cancer cells. <i>International Journal of Biological Markers</i> , 2005 , 20, 28-33	2.8	7
35	Serology study after BTN162b2 vaccination in participants previously infected with SARS-CoV-2 in two different waves versus naïve. <i>Communications Medicine</i> , 2021 , 1,		7
34	SARS-CoV-2 vaccination elicits unconventional IgM specific responses in naïve and previously COVID-19-infected individuals.. <i>EBioMedicine</i> , 2022 , 77, 103888	8.8	7
33	Risedronate prevents the loss of microarchitecture in glucocorticoid-induced osteoporosis in rats. <i>Journal of Endocrinological Investigation</i> , 2007 , 30, 739-46	5.2	6
32	The pyruvate kinase activator mitapivat reduces hemolysis and improves anemia in a β -thalassemia mouse model. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
31	Effects of C-Peptide Replacement Therapy on Bone Microarchitecture Parameters in Streptozotocin-Diabetic Rats. <i>Calcified Tissue International</i> , 2020 , 107, 266-280	3.9	5
30	Physical Activity Prevents Cartilage Degradation: A Metabolomics Study Pinpoints the Involvement of Vitamin B6. <i>Cells</i> , 2019 , 8,	7.9	5
29	Zoledronic acid decreases mRNA six-transmembrane epithelial antigen of prostate protein expression in prostate cancer cells. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 244-9	5.2	5
28	The effect of risedronate on osteogenic lineage is mediated by cyclooxygenase-2 gene upregulation. <i>Arthritis Research and Therapy</i> , 2010 , 12, R163	5.7	5
27	Trabecular bone microarchitecture in mild primary hyperparathyroidism. <i>Journal of Endocrinological Investigation</i> , 2008 , 31, 525-30	5.2	5
26	An integrated approach identifies new oncotargets in melanoma. <i>Oncotarget</i> , 2018 , 9, 11489-11502	3.3	5
25	Control of the Autophagy Pathway in Osteoarthritis: Key Regulators, Therapeutic Targets and Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
24	BEL β Trefoil Reduces the Migration Ability of RUNX2 Expressing Melanoma Cells in Xenotransplanted Zebrafish. <i>Molecules</i> , 2020 , 25,	4.8	4
23	Ectopic expression of the heterotrimeric G15 protein in pancreatic carcinoma and its potential in cancer signal transduction. <i>Cellular Signalling</i> , 2013 , 25, 651-9	4.9	4
22	The effects on hTERT gene expression is an additional mechanism of amino-bisphosphonates in prostatic cancer cells. <i>European Journal of Pharmacology</i> , 2008 , 580, 36-42	5.3	4
21	A potential role for astaxanthin in the treatment of bone diseases (Review). <i>Molecular Medicine Reports</i> , 2020 , 22, 1695-1701	2.9	4
20	Relationship Between Vertebral Fractures, Bone Mineral Density, and Osteometabolic Profile in HIV and Hepatitis B and C-Infected Patients Treated With ART. <i>Frontiers in Endocrinology</i> , 2019 , 10, 302	5.7	3

19	Development of Algorithm for Clinical Management of Sickle Cell Bone Disease: Evidence for a Role of Vertebral Fractures in Patient Follow-up. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
18	Amino-bisphosphonates decrease hTERT gene expression in breast cancer in vitro. <i>Aging Clinical and Experimental Research</i> , 2007 , 19, 91-6	4.8	3
17	Human fibroblasts from normal and malignant breast tissue grown in vitro show a distinct senescence profile and telomerase activity. <i>The Histochemical Journal</i> , 2002 , 34, 403-10		3
16	Bone Biopsy for Histomorphometry in Chronic Kidney Disease (CKD): State-of-the-Art and New Perspectives. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
15	Zebrafish: A Suitable Tool for the Study of Cell Signaling in Bone. <i>Cells</i> , 2020 , 9,	7.9	3
14	Antibody response to BTN162b2 mRNA vaccination in naïve versus SARS-CoV-2 infected subjects with and without waning immunity		3
13	Medication-Related Osteonecrosis of the Jaw (MRONJ): Are Antiresorptive Drugs the Main Culprits or Only Accomplices? The Triggering Role of Vitamin D Deficiency. <i>Nutrients</i> , 2021 , 13,	6.7	3
12	Immunogenicity and pre-clinical efficacy of an OMV-based SARS-CoV-2 vaccine		3
11	A Potential Role of RUNX2- RUNT Domain in Modulating the Expression of Genes Involved in Bone Metastases: An In Vitro Study with Melanoma Cells. <i>Cells</i> , 2020 , 9,	7.9	2
10	Molecular and Lifestyle Factors Modulating Obesity Disease. <i>Biomedicines</i> , 2020 , 8,	4.8	2
9	Fast method for skeletal tissue gene expression analysis. <i>Biomedical Reports</i> , 2016 , 5, 248-250	1.8	1
8	Different decay of antibody response and VOC sensitivity in naïve and previously infected subjects at 15 weeks following vaccination with BNT162b2.. <i>Journal of Translational Medicine</i> , 2022 , 20, 22	8.5	1
7	Zoledronic Acid Reverses Acute Bone Impairment in a Mouse Model for Sickle Cell Disease. <i>Blood</i> , 2014 , 124, 222-222	2.2	1
6	Dietary Ω 3 Fatty Acid Supplementation Improves Murine Sickle Cell Bone Disease and Reprograms Adipogenesis. <i>Antioxidants</i> , 2021 , 10,	7.1	1
5	Methylsulfonylmethane enhances MSC chondrogenic commitment and promotes pre-osteoblasts formation. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 326	8.3	1
4	Gli5 in early onset of pancreatic ductal adenocarcinoma. <i>Scientific Reports</i> , 2021 , 11, 14922	4.9	1
3	Physical Activity Modulates miRNAs Levels and Enhances MYOD Expression in Myoblasts.. <i>Stem Cell Reviews and Reports</i> , 2022 , 1	7.3	0
2	Dietary Omega-3 Fatty Acid Supplementation Improves Sickle Cell Bone Disease By Affecting Osteoblastogenesis and Adipogenesis. <i>Blood</i> , 2018 , 132, 2356-2356	2.2	

- 1 The Novel Role That Nrf2 Plays in Erythropoiesis during Aging. *Blood*, **2019**, 134, 3502-3502 2.2