Giorgio Mori

List of Publications by Year
in descending order

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86	3,420	126708	143772
papers	citations	33 h-index	57 g-index

91	91	91	4540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The myokine irisin increases cortical bone mass. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12157-12162.	3.3	372
2	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. Scientific Reports, 2017, 7, 2811.	1.6	221
3	Irisin Enhances Osteoblast DifferentiationIn Vitro. International Journal of Endocrinology, 2014, 2014, 1-8.	0.6	161
4	The Interplay between the Bone and the Immune System. Clinical and Developmental Immunology, 2013, 2013, 1-16.	3.3	153
5	T cells support osteoclastogenesis in an in vitro model derived from human multiple myeloma bone disease: the role of the OPG/TRAIL interaction. Blood, 2004, 104, 3722-3730.	0.6	138
6	Myeloma cells suppress osteoblasts through sclerostin secretion. Blood Cancer Journal, 2011, 1, e27-e27.	2.8	113
7	Microgravity during spaceflight directly affects in vitro osteoclastogenesis and bone resorption. FASEB Journal, 2009, 23, 2549-2554.	0.2	106
8	Geometry Design Optimization of Functionally Graded Scaffolds for Bone Tissue Engineering: A Mechanobiological Approach. PLoS ONE, 2016, 11, e0146935.	1.1	96
9	Lymphocytes and synovial fluid fibroblasts support osteoclastogenesis through RANKL, TNFÎ±, and IL-7 in anin vitromodel derived from human psoriatic arthritis. Journal of Pathology, 2007, 212, 47-55.	2.1	86
10	Microglia-derived extracellular vesicles in Alzheimerâ€™s Disease: A double-edged sword. Biochemical Pharmacology, 2018, 148, 184-192.	2.0	85
11	Dental pulp stem cells: osteogenic differentiation and gene expression. Annals of the New York Academy of Sciences, 2011, 1237, 47-52.	1.8	82
12	Alendronate Reduces Adhesion of Human Osteoclast-like Cells to Bone and Bone Protein-Coated Surfaces. Calcified Tissue International, 1998, 63, 230-235.	1.5	81
13	T Cells Support Osteoclastogenesis in an In Vitro Model Derived From Human Periodontitis Patients. Journal of Periodontology, 2005, 76, 1675-1680.	1.7	78
14	Sclerostin is overexpressed by plasma cells from multiple myeloma patients. Annals of the New York Academy of Sciences, 2011, 1237, 19-23.	1.8	77
15	Aortic valvular interstitial cells apoptosis and calcification are mediated by TNF-related apoptosis-inducing ligand. International Journal of Cardiology, 2013, 169, 296-304.	0.8	77
16	Osteogenic differentiation of mesenchymal stem cells from dental bud: Role of integrins and cadherins. Stem Cell Research, 2015, 15, 618-628.	0.3	70
17	Osteogenic Differentiation of Dental Follicle Stem Cells. International Journal of Medical Sciences, 2012, 9, 480-487.	1.1	65
18	Osteoblast regulation via ligand-activated nuclear trafficking of the oxytocin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16502-16507.	3.3	63

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19	Bone-Immune Cell Crosstalk: Bone Diseases. Journal of Immunology Research, 2015, 2015, 1-11.	0.9	60
20	Human osteoclasts express oxytocin receptor. Biochemical and Biophysical Research Communications, 2002, 297, 442-445.	1.0	58
21	Breast Cancer Cell Line MDA-231 Stimulates Osteoclastogenesis and Bone Resorption in Human Osteoclasts. Biochemical and Biophysical Research Communications, 2000, 270, 1097-1100.	1.0	57
22	Rat Hindlimb Unloading by Tail Suspension Reduces Osteoblast Differentiation, Induces IL-6 Secretion, and Increases Bone Resorption in Ex Vivo Cultures. Calcified Tissue International, 2002, 70, 176-185.	1.5	54
23	The death receptor DR5 is involved in TRAIL-mediated human osteoclast apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1623-1632.	2.2	53
24	Impaired bone remodeling in children with osteogenesis imperfecta treated and untreated with bisphosphonates: the role of DKK1, RANKL, and TNF-Î±. Osteoporosis International, 2016, 27, 2355-2365.	1.3	52
25	LIGHT/TNFSF14 increases osteoclastogenesis and decreases osteoblastogenesis in multiple myeloma-bone disease. Oncotarget, 2014, 5, 12950-12967.	0.8	52
26	Vitamin D Effects on Osteoblastic Differentiation of Mesenchymal Stem Cells from Dental Tissues. Stem Cells International, 2016, 2016, 1-9.	1.2	47
27	Polydatin, Natural Precursor of Resveratrol, Promotes Osteogenic Differentiation of Mesenchymal Stem Cells. International Journal of Medical Sciences, 2018, 15, 944-952.	1.1	43
28	High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E546-E554.	1.8	41
29	A Novel Interplay Between Irisin and PTH: From Basic Studies to Clinical Evidence in Hyperparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3088-3096.	1.8	41
30	Osteoblast Apoptosis in Periodontal Disease: Role of TNF-Related Apoptosis-Inducing Ligand. International Journal of Immunopathology and Pharmacology, 2009, 22, 95-103.	1.0	40
31	L-Carnitine and Isovaleryl L-Carnitine Fumarate Positively Affect Human Osteoblast Proliferation and Differentiation In Vitro. Calcified Tissue International, 2005, 76, 458-465.	1.5	39
32	Soluble decoy receptor 3 modulates the survival and formation of osteoclasts from multiple myeloma bone disease patients. Leukemia, 2009, 23, 2139-2146.	3.3	38
33	Irisin prevents microgravityâ€induced impairment of osteoblast differentiation in vitro during the space flight CRSâ€14 mission. FASEB Journal, 2020, 34, 10096-10106.	0.2	38
34	Mechanisms of enhanced osteoclastogenesis in girls and young women with Turner's Syndrome. Bone, 2015, 81, 228-236.	1.4	31
35	Bone Regeneration Induced by Bone Porcine Block with Bone Marrow Stromal Stem Cells in a Minipig Model of Mandibular â€œCritical Sizeâ€•Defect. Stem Cells International, 2017, 2017, 1-9.	1.2	31
36	LIGHT/TNFSF14 Promotes Osteolytic Bone Metastases in Nonâ€small Cell Lung Cancer Patients. Journal of Bone and Mineral Research, 2020, 35, 671-680.	3.1	31

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37	Osteogenic properties of human dental pulp stem cells. Journal of Biological Regulators and Homeostatic Agents, 2010, 24, 167-75.	0.7	29
38	Vitamin D Promotes MSC Osteogenic Differentiation Stimulating Cell Adhesion and Î±VÎ²3 Expression. Stem Cells International, 2018, 2018, 1-9.	1.2	28
39	The Crosstalk between the Bone and the Immune System: Osteoimmunology. Clinical and Developmental Immunology, 2013, 2013, 1-2.	3.3	25
40	Effect of Different Irrigating Solutions and Endodontic Sealers on Bond Strength of the Dentin - Post Interface with and without Defects. International Journal of Medical Sciences, 2012, 9, 642-654.	1.1	22
41	Osteoblasts Display Different Responsiveness to TRAIL-Induced Apoptosis During Their Differentiation Process. Cell Biochemistry and Biophysics, 2013, 67, 1127-1136.	0.9	21
42	Irisin and Secondary Osteoporosis in Humans. International Journal of Molecular Sciences, 2022, 23, 690.	1.8	21
43	FT-IR microscopic analysis on human dental pulp stem cells. Vibrational Spectroscopy, 2011, 57, 30-30.	1.2	20
44	Sclerostin stimulates angiogenesis in human endothelial cells. Bone, 2017, 101, 26-36.	1.4	20
45	The Myokine Irisin Promotes Osteogenic Differentiation of Dental Bud-Derived MSCs. Biology, 2021, 10, 295.	1.3	20
46	NURR1 Downregulation Favors Osteoblastic Differentiation of MSCs. Stem Cells International, 2017, 2017, 1-10.	1.2	19
47	Bioengineering Bone Tissue with 3D Printed Scaffolds in the Presence of Oligostilbenes. Materials, 2020, 13, 4471.	1.3	18
48	Impairment of Bone Remodeling in LIGHT/TNFSF14-Deficient Mice. Journal of Bone and Mineral Research, 2018, 33, 704-719.	3.1	16
49	Surface Co-presentation of BMP-2 and integrin selective ligands at the nanoscale favors Î±5Î²1 integrin-mediated adhesion. Biomaterials, 2021, 267, 120484.	5.7	15
50	The Role of OPG/TRAIL Complex in Multiple Myeloma: The OPG/TRAIL Complex in an In Vitro Osteoclastogenesis Model Derived From Human Multiple Myeloma-Bone Disease. Annals of the New York Academy of Sciences, 2006, 1068, 334-340.	1.8	14
51	The formation of osteoclasts in multiple myeloma bone disease patients involves the secretion of soluble decoy receptor 3. Annals of the New York Academy of Sciences, 2010, 1192, 298-302.	1.8	14
52	TRAIL effect on osteoclast formation in physiological and pathological conditions. Frontiers in Bioscience - Elite, 2011, E3, 1154-1161.	0.9	14
53	Quantitative Analysis of Defects at the Dentin-Post Space in Endodontically Treated Teeth. Materials, 2015, 8, 3268-3283.	1.3	14
54	Retinoic Acid Induces Cell Proliferation and Modulates Gelatinases Activity in Human Osteoclast-like Cell Lines. Biochemical and Biophysical Research Communications, 1996, 227, 47-52.	1.0	13

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55	High expression of TRAIL by osteoblastic differentiated dental pulp stem cells affects myeloma cell viability. Oncology Reports, 2018, 39, 2031-2039.	1.2	13
56	Dental Pulp Stem Cells Isolation and Osteogenic Differentiation: A Good Promise for Tissue Engineering. Methods in Molecular Biology, 2014, 1210, 117-130.	0.4	13
57	TRAIL Is Involved in Human Osteoclast Apoptosis. Annals of the New York Academy of Sciences, 2007, 1116, 316-322.	1.8	12
58	Osteogenic and Chondrogenic Potential of the Supramolecular Aggregate T-LysYalÂ®. Frontiers in Endocrinology, 2020, 11, 285.	1.5	12
59	Stemness genes expression in naÃ¯ve vs. osteodifferentiated human dental-derived stem cells. European Review for Medical and Pharmacological Sciences, 2019, 23, 2916-2923.	0.5	12
60	Copresentation of BMP-6 and RGD Ligands Enhances Cell Adhesion and BMP-Mediated Signaling. Cells, 2019, 8, 1646.	1.8	11
61	Antidepressant Effect of Intermittent Long-Term Systemic Administration of Irisin in Mice. International Journal of Molecular Sciences, 2022, 23, 7596.	1.8	11
62	Synovial Fluid Fibroblasts and Lymphocytes Support the Osteoclastogenesis in Human Psoriatic Arthritis. Annals of the New York Academy of Sciences, 2007, 1117, 159-164.	1.8	10
63	Retrospective Analysis of Clinical and Radiologic Data Regarding Zygomatic Implant Rehabilitation with a Long-Term Follow-Up. International Journal of Environmental Research and Public Health, 2021, 18, 12963.	1.2	9
64	Bone Remodeling. , 2014, , 27-37.		7
65	Human Myeloma Cell Lines Induce Osteoblast Downregulation of CD99 Which Is Involved in Osteoblast Formation and Activity. Journal of Immunology Research, 2015, 2015, 1-13.	0.9	6
66	Editorial: Bone: Endocrine Target and Organ. Frontiers in Endocrinology, 2017, 8, 354.	1.5	6
67	Biological Characteristics of Dental Stem Cells for Tissue Engineering. Key Engineering Materials, 2013, 541, 51-59.	0.4	4
68	Pathogenesis of Bone Diseases: The Role of Immune System. Journal of Immunology Research, 2015, 2015, 1-2.	0.9	4
69	Targeting Adult Mesenchymal Stem Cells Plasticity for Tissue Regeneration. Stem Cells International, 2017, 2017, 1-2.	1.2	4
70	Editorial: Updates on Osteoimmunology: What's New on the Crosstalk Between Bone and Immune Cells. Frontiers in Endocrinology, 2020, 11, 74.	1.5	4
71	Myeloma Cells Induce Osteoblast Suppression through Sclerostin Secretion. Blood, 2010, 116, 2961-2961.	0.6	4
72	Myoglobin expression by alternative transcript in different mesenchymal stem cells compartments. Stem Cell Research and Therapy, 2022, 13, .	2.4	2

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73	The effects of bone pÃ¢tÃ© on human osteoblasts cell cultures. European Archives of Oto-Rhino-Laryngology, 2016, 273, 1399-1404.	0.8	1
74	Targeting MSCs for Hard Tissue Regeneration. Pancreatic Islet Biology, 2017, , 85-99.	0.1	1
75	Study of Biocompatibility Between Bone PÃ¢tÃ© with Fibrin Glue and Human Osteoblast in Vitro. Journal of Laryngology and Otology, 2016, 130, S220-S221.	0.4	0
76	Editorial: Advances in Endocrinology: Stem Cells and Growth Factors. Frontiers in Endocrinology, 2020, 11, 564.	1.5	0
77	Editorial: Special Issue on â€œMolecular Mechanisms Regulating Osteoclastogenesisâ€: International Journal of Molecular Sciences, 2020, 21, 7643.	1.8	0
78	Integrins and cadherins in mesenchymal stem cells from dental tissues: possible implication in the osteogenic differentiation process. Bone Abstracts, 0, , .	0.0	0
79	High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment. Bone Abstracts, 0, , .	0.0	0
80	In Vitro Osteoclastogenesis and T-Cell RANKL Expression In Multiple Myeloma-Bone Disease At Diagnosis and In The Setting Of Frontline Treatment. Blood, 2013, 122, 5353-5353.	0.6	0
81	New insights in the bone-muscle axis: the novel myokine irisin is involved in skeletal metabolism. Bone Abstracts, 0, , .	0.0	0
82	Involvement of LIGHT in multiple myeloma bone disease. Bone Abstracts, 0, , .	0.0	0
83	The Role of LIGHT in Multiple Myeloma-Bone Disease. Blood, 2014, 124, 3362-3362.	0.6	0
84	The role of light (TNFSF14) on bone remodeling. Bone Abstracts, 0, , .	0.0	0
85	The myokine Irisin improves bone quality and strength. Bone Abstracts, 0, , .	0.0	0
86	MON-533 Irisin in Post-Menopausal Women with Primary Hyperparathyroidism: An Interplay between Irisin and Pth. Journal of the Endocrine Society, 2019, 3, .	0.1	0