

# Giacomina Brunetti

## List of Publications by Year in descending order

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Version: 2024-02-01

123  
papers

3,891  
citations

101384

36  
h-index

138251

58  
g-index

127  
all docs

127  
docs citations

127  
times ranked

4789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody Treatment and Osteoporosis: Clinical Perspective. Springer Series in Biomaterials Science and Engineering, 2022, , 111-126.	0.7	0
2	The use of quantitative ultrasound in a tertiary-level children hospital: role in the follow-up of chronically ill patients. Journal of Ultrasound, 2022, , 1.	0.7	0
3	Different Variation of Intra-familial Body Mass Index subjected to Covid-19 Lockdown. Journal of Gastrointestinal and Liver Diseases, 2022, 31, 198-205.	0.5	3
4	Growth plate gene involment and isolated short stature. Endocrine, 2021, 71, 28-34.	1.1	18
5	In Vivo and for the Study of Bone Remodeling and the Role of Immune Cells. Methods in Molecular Biology, 2021, 2325, 97-106.	0.4	0
6	Bioengineering Approaches to Improve In Vitro Performance of Prepubertal Lamb Oocytes. Cells, 2021, 10, 1458.	1.8	9
7	Mechanisms of altered bone remodeling in children with type 1 diabetes. World Journal of Diabetes, 2021, 12, 997-1009.	1.3	8
8	Vascular and Myocardial Function in Young People with Type 1 Diabetes Mellitus: Insulin Pump Therapy Versus Multiple Daily Injections Insulin Regimen. Experimental and Clinical Endocrinology and Diabetes, 2021, , .	0.6	1
9	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
10	Irisin Prevents Disuseâ€Induced Osteocyte Apoptosis. Journal of Bone and Mineral Research, 2020, 35, 766-775.	3.1	82
11	Monitoring and maintaining bone health in patients with Turner syndrome. Expert Review of Endocrinology and Metabolism, 2020, 15, 431-438.	1.2	5
12	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
13	Editorial: Special Issue on â€Molecular Mechanisms Regulating Osteoclastogenesisâ€, International Journal of Molecular Sciences, 2020, 21, 7643.	1.8	0
14	Editorial: Updates on Osteoimmunology: What's New on the Crosstalk Between Bone and Immune Cells. Frontiers in Endocrinology, 2020, 11, 74.	1.5	4
15	Shedding â€LIGHTâ€on the Link between Bone and Fat in Obese Children and Adolescents. International Journal of Molecular Sciences, 2020, 21, 4739.	1.8	6
16	LIGHT/TNFSF14 regulates estrogen deficiencyâ€Induced bone loss. Journal of Pathology, 2020, 250, 440-451.	2.1	15
17	Novel insights in health-promoting properties of sweet cherries. Journal of Functional Foods, 2020, 69, 103945.	1.6	45
18	Androgens, Androgen Receptor, and Bone. , 2020, , 588-594.		0

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19	Anatomy and Histology of Male Skeletal Tissue: Gender Differences. Trends in Andrology and Sexual Medicine, 2020, , 9-24.	0.1	0
20	Ductal size indexed to weight and body surface area correlates with morbidities in preterm infants at 32 weeks. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 34, 1-7.	0.7	2
21	Irisin serum levels are positively correlated with bone mineral status in a population of healthy children. Pediatric Research, 2019, 85, 484-488.	1.1	45
22	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
23	Mechanisms Involved in Childhood Obesity-Related Bone Fragility. Frontiers in Endocrinology, 2019, 10, 269.	1.5	43
24	Effects of Sweet Cherry Polyphenols on Enhanced Osteoclastogenesis Associated With Childhood Obesity. Frontiers in Immunology, 2019, 10, 1001.	2.2	24
25	Irisin and Bone: From Preclinical Studies to the Evaluation of Its Circulating Levels in Different Populations of Human Subjects. Cells, 2019, 8, 451.	1.8	41
26	Metabolic Bone Disease of Prematurity: Diagnosis and Management. Frontiers in Pediatrics, 2019, 7, 143.	0.9	86
27	Unusual ultrasonographic finding of ovarian hyperstimulation syndrome in a preterm newborn with severe intrauterine growth retardation. Journal of Paediatrics and Child Health, 2019, 55, 1139-1141.	0.4	0
28	An update on the role of RANKL/RANK/osteoprotegerin and WNT- $\beta$ -catenin signaling pathways in pediatric diseases. World Journal of Pediatrics, 2019, 15, 4-11.	0.8	29
29	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
30	High irisin levels are associated with better glycemic control and bone health in children with Type 1 diabetes. Diabetes Research and Clinical Practice, 2018, 141, 10-17.	1.1	60
31	Mechanisms of Enhanced Osteoclastogenesis in Alkaptonuria. American Journal of Pathology, 2018, 188, 1059-1068.	1.9	20
32	Myokine "Irisin" and Its Effects Linking Bone and Muscle Function. Clinical Reviews in Bone and Mineral Metabolism, 2018, 16, 16-21.	1.3	3
33	Inflammation induces osteoclast differentiation from peripheral mononuclear cells in chronic kidney disease patients: crosstalk between the immune and bone systems. Nephrology Dialysis Transplantation, 2018, 33, 65-75.	0.4	41
34	Impairment of Bone Remodeling in LIGHT/TNFSF14-Deficient Mice. Journal of Bone and Mineral Research, 2018, 33, 704-719.	3.1	16
35	Monoclonal antibodies for treating osteoporosis. Expert Opinion on Biological Therapy, 2018, 18, 149-157.	1.4	45
36	High expression of TRAIL by osteoblastic differentiated dental pulp stem cells affects myeloma cell viability. Oncology Reports, 2018, 39, 2031-2039.	1.2	13

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37	LIGHT/TNFSF14 as a New Biomarker of Bone Disease in Multiple Myeloma Patients Experiencing Therapeutic Regimens. <i>Frontiers in Immunology</i> , 2018, 9, 2459.	2.2	20
38	Anatomy and Physiology of Skeletal Tissue: The Bone Cells. , 2018, , 1-23.		2
39	Analysis of Circulating Mediators of Bone Remodeling in Prader-Willi Syndrome. <i>Calcified Tissue International</i> , 2018, 102, 635-643.	1.5	19
40	Vitamin D Promotes MSC Osteogenic Differentiation Stimulating Cell Adhesion and $\alpha$ 3 Expression. <i>Stem Cells International</i> , 2018, 2018, 1-9.	1.2	28
41	Deletion of the Transcription Factor PGC-1 $\beta$ in Mice Negatively Regulates Bone Mass. <i>Calcified Tissue International</i> , 2018, 103, 638-652.	1.5	17
42	Metabolic Outcomes, Bone Health, and Risk of Polycystic Ovary Syndrome in Girls with Idiopathic Central Precocious Puberty Treated with Gonadotropin-Releasing Hormone Analogues. <i>Hormone Research in Paediatrics</i> , 2017, 87, 162-169.	0.8	25
43	Sclerostin stimulates angiogenesis in human endothelial cells. <i>Bone</i> , 2017, 101, 26-36.	1.4	20
44	Mechanisms of Altered Bone Remodeling in Multiple Myeloma. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2017, 15, 151-161.	1.3	1
45	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. <i>Scientific Reports</i> , 2017, 7, 2811.	1.6	221
46	Integrated in vitro approaches to assess the bioaccessibility and bioavailability of silicon-biofortified leafy vegetables and preliminary effects on bone. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 217-224.	0.7	16
47	High Sclerostin and Dickkopf-1 (DKK-1) Serum Levels in Children and Adolescents With Type 1 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1174-1181.	1.8	67
48	Editorial: Bone: Endocrine Target and Organ. <i>Frontiers in Endocrinology</i> , 2017, 8, 354.	1.5	6
49	Targeting Adult Mesenchymal Stem Cells Plasticity for Tissue Regeneration. <i>Stem Cells International</i> , 2017, 2017, 1-2.	1.2	4
50	NURR1 Downregulation Favors Osteoblastic Differentiation of MSCs. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	19
51	Study of Biocompatibility Between Bone Pct with Fibrin Glue and Human Osteoblast in Vitro. <i>Journal of Laryngology and Otology</i> , 2016, 130, S220-S221.	0.4	0
52	Vitamin D Effects on Osteoblastic Differentiation of Mesenchymal Stem Cells from Dental Tissues. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	47
53	Bone Fragility in Turner Syndrome: Mechanisms and Prevention Strategies. <i>Frontiers in Endocrinology</i> , 2016, 7, 34.	1.5	35
54	Vascular Function and Myocardial Performance Indices in Children Born Small for Gestational Age. <i>Circulation Journal</i> , 2016, 80, 958-963.	0.7	25

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55	High serum sclerostin levels in children with haemophilia A. <i>British Journal of Haematology</i> , 2016, 172, 293-295.	1.2	24
56	Impaired bone remodeling in children with osteogenesis imperfecta treated and untreated with bisphosphonates: the role of DKK1, RANKL, and TNF- $\alpha$ . <i>Osteoporosis International</i> , 2016, 27, 2355-2365.	1.3	52
57	The effects of bone pAct $\beta$ on human osteoblasts cell cultures. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 1399-1404.	0.8	1
58	Human Myeloma Cell Lines Induce Osteoblast Downregulation of CD99 Which Is Involved in Osteoblast Formation and Activity. <i>Journal of Immunology Research</i> , 2015, 2015, 1-13.	0.9	6
59	Bone-Immune Cell Crosstalk: Bone Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-11.	0.9	60
60	Skeleton and Glucose Metabolism: A Bone-Pancreas Loop. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	0.6	23
61	Pathogenesis of Bone Diseases: The Role of Immune System. <i>Journal of Immunology Research</i> , 2015, 2015, 1-2.	0.9	4
62	The p53 family member p73 modulates the proproliferative role of IGFBP3 in short children born small for gestational age. <i>Molecular Biology of the Cell</i> , 2015, 26, 2733-2741.	0.9	6
63	Metabolic syndrome in childhood leukemia survivors: a meta-analysis. <i>Endocrine</i> , 2015, 49, 353-360.	1.1	14
64	Mechanisms of enhanced osteoclastogenesis in girls and young women with Turner's Syndrome. <i>Bone</i> , 2015, 81, 228-236.	1.4	31
65	Evaluation of impact of steroid replacement treatment on bone health in children with 21-hydroxylase deficiency. <i>Endocrine</i> , 2015, 48, 995-1000.	1.1	10
66	Osteogenic differentiation of mesenchymal stem cells from dental bud: Role of integrins and cadherins. <i>Stem Cell Research</i> , 2015, 15, 618-628.	0.3	70
67	The myokine irisin increases cortical bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12157-12162.	3.3	372
68	Osteoclastogenic Potential of Peripheral Blood Mononuclear Cells in Cleidocranial Dysplasia. <i>International Journal of Medical Sciences</i> , 2014, 11, 356-364.	1.1	5
69	Osteoporosis and obesity: Role of Wnt pathway in human and murine models. <i>World Journal of Orthopedics</i> , 2014, 5, 242.	0.8	56
70	Irisin Enhances Osteoblast Differentiation <i>In Vitro</i> . <i>International Journal of Endocrinology</i> , 2014, 2014, 1-8.	0.6	161
71	Treatment of osteoporosis in children with glucocorticoid-treated diseases. <i>Expert Review of Endocrinology and Metabolism</i> , 2014, 9, 525-534.	1.2	4
72	Bone health in children and adolescents with steroid-sensitive nephrotic syndrome assessed by DXA and QUS. <i>Pediatric Nephrology</i> , 2014, 29, 2147-2155.	0.9	22

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73	Experimental Model for Studying the Involvement of Regulatory Cytotoxic T Cells in Bone Resorption. <i>Methods in Molecular Biology</i> , 2014, 1186, 269-281.	0.4	2
74	Bone Remodeling. , 2014, , 27-37.		7
75	LIGHT/TNFSF14 increases osteoclastogenesis and decreases osteoblastogenesis in multiple myeloma-bone disease. <i>Oncotarget</i> , 2014, 5, 12950-12967.	0.8	52
76	The Role of LIGHT in Multiple Myeloma-Bone Disease. <i>Blood</i> , 2014, 124, 3362-3362.	0.6	0
77	Osteotropic Cancers: From Primary Tumor to Bone. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2013, 11, 94-102.	1.3	5
78	Nonalcoholic Fatty Liver Disease in Prepubertal Children Born Small for Gestational Age: Influence of Rapid Weight Catch-Up Growth. <i>Hormone Research in Paediatrics</i> , 2013, 79, 103-109.	0.8	56
79	Aortic valvular interstitial cells apoptosis and calcification are mediated by TNF-related apoptosis-inducing ligand. <i>International Journal of Cardiology</i> , 2013, 169, 296-304.	0.8	77
80	Osteoblasts Display Different Responsiveness to TRAIL-Induced Apoptosis During Their Differentiation Process. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 1127-1136.	0.9	21
81	High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E546-E554.	1.8	41
82	Biological Characteristics of Dental Stem Cells for Tissue Engineering. <i>Key Engineering Materials</i> , 2013, 541, 51-59.	0.4	4
83	Best Determinants of Nonalcoholic Fatty Liver Disease and Intra-Abdominal Fat in Prepubertal Children Born Small for Gestational Age: Ultrasound Technique versus Anthropometric Data. <i>Hormone Research in Paediatrics</i> , 2013, 80, 135-136.	0.8	1
84	Activation of the receptor activator of the nuclear factor- $\kappa$ B ligand pathway during coronary bypass surgery: comparison between on- and off-pump coronary artery bypass surgery procedures. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, e141-e147.	0.6	10
85	Glucocorticoid-Induced Osteoporosis in Children with 21-Hydroxylase Deficiency. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	39
86	The Role of TNF- $\alpha$ and TNF Superfamily Members in the Pathogenesis of Calcific Aortic Valvular Disease. <i>Scientific World Journal</i> , The, 2013, 2013, 1-10.	0.8	31
87	The Interplay between the Bone and the Immune System. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-16.	3.3	153
88	The Crosstalk between the Bone and the Immune System: Osteoimmunology. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-2.	3.3	25
89	In Vitro Osteoclastogenesis and T-Cell RANKL Expression In Multiple Myeloma-Bone Disease At Diagnosis and In The Setting Of Frontline Treatment. <i>Blood</i> , 2013, 122, 5353-5353.	0.6	0
90	Genotype-phenotype correlation in Juvenile Paget disease: role of molecular alterations of the TNFRSF11B gene. <i>Endocrine</i> , 2012, 42, 266-271.	1.1	23

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91	Osteogenic Differentiation of Dental Follicle Stem Cells. International Journal of Medical Sciences, 2012, 9, 480-487.	1.1	65
92	TRAIL effect on osteoclast formation in physiological and pathological conditions. Frontiers in Bioscience - Elite, 2011, E3, 1154-1161.	0.9	14
93	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
94	Dental pulp stem cells: osteogenic differentiation and gene expression. Annals of the New York Academy of Sciences, 2011, 1237, 47-52.	1.8	82
95	Myeloma cells suppress osteoblasts through sclerostin secretion. Blood Cancer Journal, 2011, 1, e27-e27.	2.8	113
96	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
97	Immunoregulation of Osteoclast Differentiation in Multiple Myeloma Bone Disease. , 2010, , 67-75.		0
98	Myeloma Cells Induce Osteoblast Suppression through Sclerostin Secretion. Blood, 2010, 116, 2961-2961.	0.6	4
99	Osteoclastogenesis in Children with 21-Hydroxylase Deficiency on Long-Term Glucocorticoid Therapy: The Role of Receptor Activator of Nuclear Factor- $\kappa$ B Ligand/Osteoprotegerin Imbalance. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2269-2276.	1.8	44
100	Immunomodulation of Multiple Myeloma Bone Disease. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 293-300.	1.3	4
101	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
102	TRAIL effect on osteoclast formation in physiological and pathological conditions. Frontiers in Bioscience - Elite, 2009, E3, 1154.	0.9	2
103	l-Carnitine Fumarate and Isovaleryl-l-Carnitine Fumarate Accelerate the Recovery of Bone Volume/Total Volume Ratio after Experimentally Induced Osteoporosis in Pregnant Mice. Calcified Tissue International, 2008, 82, 221-228.	1.5	19
104	Lymphocytes and synovial fluid fibroblasts support osteoclastogenesis through RANKL, TNF $\alpha$ , and IL-7 in an in vitro model derived from human psoriatic arthritis. Journal of Pathology, 2007, 212, 47-55.	2.1	86
105	IL-7 Modulates Osteoclastogenesis in Patients Affected by Solid Tumors. Annals of the New York Academy of Sciences, 2007, 1117, 377-384.	1.8	20
106	TRAIL Is Involved in Human Osteoclast Apoptosis. Annals of the New York Academy of Sciences, 2007, 1116, 316-322.	1.8	12
107	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
108	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

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109	IL-7 Up-Regulates TNF- $\alpha$ -Dependent Osteoclastogenesis in Patients Affected by Solid Tumor. PLoS ONE, 2006, 1, e124.	1.1	62
110	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
111	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
112	Mechanisms of spontaneous osteoclastogenesis in cancer with bone involvement. FASEB Journal, 2005, 19, 1-24.	0.2	88
113	T Cells Support Osteoclastogenesis in an In Vitro Model Derived From Human Periodontitis Patients. Journal of Periodontology, 2005, 76, 1675-1680.	1.7	78
114	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
115	High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment. Bone Abstracts, 0, , .	0.0	0
116	High FSH serum levels may support the altered bone remodeling in Turner syndrome patients. Bone Abstracts, 0, , .	0.0	0
117	High spontaneous osteoclastogenesis in pediatric osteogenesis imperfecta patients receiving or not intravenous neridronate. Endocrine Abstracts, 0, , .	0.0	0
118	Higher serum levels of the Wnt-signaling antagonist DKK1 in obese respect to Prader-Willi syndrome. Endocrine Abstracts, 0, , .	0.0	0
119	New insights in the bone-muscle axis: the novel myokine irisin is involved in skeletal metabolism. Bone Abstracts, 0, , .	0.0	0
120	Involvement of LIGHT in multiple myeloma bone disease. Bone Abstracts, 0, , .	0.0	0
121	LIGHT promotes osteolytic bone metastases in NSCLC patients. Bone Abstracts, 0, , .	0.0	0
122	The role of light (TNFSF14) on bone remodeling. Bone Abstracts, 0, , .	0.0	0
123	The myokine Irisin improves bone quality and strength. Bone Abstracts, 0, , .	0.0	0