

# Carla Palumbo

## List of Publications by Year in Descending Order

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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.

75  
papers

1,787  
citations

23  
h-index

41  
g-index

79  
ext. papers

2,008  
ext. citations

3.9  
avg, IF

4.3  
L-index

#	Paper	IF	Citations
75	The need to teach gender medicine in medical school.. <i>Resuscitation</i> , <b>2022</b> , 173, 182-183	4	0
74	Exosomes Derived from Human Amniotic Fluid Mesenchymal Stem Cells Preserve Microglia and Neuron Cells from Aβ <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
73	The Osteocyte: From "Prisoner" to "Orchestrator". <i>Journal of Functional Morphology and Kinesiology</i> , <b>2021</b> , 6,	2.4	6
72	Identification of Sclerostin as a Putative New Myokine Involved in the Muscle-to-Bone Crosstalk. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	5
71	Static Osteogenesis versus Dynamic Osteogenesis: A Comparison between Two Different Types of Bone Formation. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2025	2.6	2
70	The Italian law on body donation: A position paper of the Italian College of Anatomists. <i>Annals of Anatomy</i> , <b>2021</b> , 238, 151761	2.9	1
69	Synergistic cytotoxicity of dual PI3K/mTOR and FLT3 inhibition in FLT3-ITD AML cells. <i>Advances in Biological Regulation</i> , <b>2021</b> , 82, 100830	6.2	0
68	Surface properties modulate protein corona formation and determine cellular uptake and cytotoxicity of silver nanoparticles. <i>Nanoscale</i> , <b>2021</b> , 13, 14119-14129	7.7	3
67	Amniotic Fluid Stem Cell-Derived Extracellular Vesicles Counteract Steroid-Induced Osteoporosis In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	8
66	WISP-2 expression induced by Teriparatide treatment affects in vitro osteoblast differentiation and improves in vivo osteogenesis. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 513, 110817	4.4	2
65	Bone Healing Evaluation Following Different Osteotomic Techniques in Animal Models: A Suitable Method for Clinical Insights. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7165	2.6	11
64	Assessing the ability of zebrafish scales to contribute to the short-term homeostatic regulation of [Ca <sup>2+</sup> ] in the extracellular fluid during calcemic challenges. <i>Fisheries Science</i> , <b>2019</b> , 85, 943-959	1.9	5
63	Interaction among Calcium Diet Content, PTH (1-34) Treatment and Balance of Bone Homeostasis in Rat Model: The Trabecular Bone as Keystone. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
62	GnRH Antagonists Produce Differential Modulation of the Signaling Pathways Mediated by GnRH Receptors. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
61	Scleral ossicles: angiogenic scaffolds, a novel biomaterial for regenerative medicine applications. <i>Biomaterials Science</i> , <b>2019</b> , 8, 413-425	7.4	2
60	Structural and ultrastructural analyses of bone regeneration in rabbit cranial osteotomy: Piezosurgery versus traditional osteotomes. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2018</b> , 46, 107-118	3.6	28
59	Osteocytes Specific GSK3 Inhibition Affects In Vitro Osteogenic Differentiation. <i>Biomedicines</i> , <b>2018</b> , 6,	4.8	6

58	Metformin Induces Apoptosis and Alters Cellular Responses to Oxidative Stress in Ht29 Colon Cancer Cells: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36
57	Role of Osteocytes in Myeloma Bone Disease: Anti-sclerostin Antibody as New Therapeutic Strategy. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2467	8.4	21
56	Morphological Study: Ultrastructural Aspects of Articular Cartilage and Subchondral Bone in Patients Affected by Post-Traumatic Shoulder Instability. <i>Anatomical Record</i> , <b>2017</b> , 300, 1208-1218	2.1	2
55	Proposal of a Novel Natural Biomaterial, the Scleral Ossicle, for the Development of Vascularized Bone Tissue In Vitro. <i>Biomedicines</i> , <b>2017</b> , 6,	4.8	4
54	Expression and functional proteomic analyses of osteocytes from <i>Xenopus laevis</i> tested under mechanical stress conditions: preliminary observations on an appropriate new animal model. <i>Journal of Anatomy</i> , <b>2017</b> , 231, 823-834	2.9	2
53	PTH(1-34) effects on repairing experimentally drilled holes in rat femur: novel aspects of qualitative vs. quantitative improvement of osteogenesis. <i>Journal of Anatomy</i> , <b>2017</b> , 230, 75-84	2.9	5
52	Biocompatibility Analyses of ALD-Treated Titanium Plates Tested with Osteocyte and Fibroblast Cell Lines. <i>Biomedicines</i> , <b>2017</b> , 5,	4.8	7
51	The Proteasome Inhibitor Bortezomib Maintains Osteocyte Viability in Multiple Myeloma Patients by Reducing Both Apoptosis and Autophagy: A New Function for Proteasome Inhibitors. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 815-27	6.3	41
50	Mineral and Skeletal Homeostasis Influence the Manner of Bone Loss in Metabolic Osteoporosis due to Calcium-Deprived Diet in Different Sites of Rat Vertebra and Femur. <i>BioMed Research International</i> , <b>2015</b> , 2015, 304178	3	8
49	Autophagy is upregulated during colorectal carcinogenesis, and in DNA microsatellite stable carcinomas. <i>Oncology Reports</i> , <b>2015</b> , 34, 3222-30	3.5	6
48	Morphological and quantitative analysis of BCL6 expression in human colorectal carcinogenesis. <i>Oncology Reports</i> , <b>2014</b> , 31, 103-10	3.5	12
47	Up-regulation of the chemo-attractive receptor ChemR23 and occurrence of apoptosis in human chondrocytes isolated from fractured calcaneal osteochondral fragments. <i>Journal of Anatomy</i> , <b>2014</b> , 224, 659-68	2.9	9
46	Ferutinin dose-dependent effects on uterus and mammary gland in ovariectomized rats. <i>Histology and Histopathology</i> , <b>2014</b> , 29, 1027-37	1.4	8
45	Immunocytochemical and structural comparative study of committed versus multipotent stem cells cultured with different biomaterials. <i>Micron</i> , <b>2013</b> , 47, 1-9	2.3	8
44	The problem of bone lamellation: an attempt to explain different proposed models. <i>Journal of Morphology</i> , <b>2013</b> , 274, 543-50	1.6	17
43	Th inducing POZ-Kruppel Factor (ThPOK) is a key regulator of the immune response since the early steps of colorectal carcinogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e54488	3.7	8
42	PLZF expression during colorectal cancer development and in normal colorectal mucosa according to body size, as marker of colorectal cancer risk. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 630869	2.2	13
41	Myeloma-Induced Osteocyte Death Was Blunted By Proteasome Inhibitors Through The Modulation Of Autophagy. <i>Blood</i> , <b>2013</b> , 122, 3096-3096	2.2	1

40	Osteocyte apoptosis and absence of bone remodeling in human auditory ossicles and scleral ossicles of lower vertebrates: a mere coincidence or linked processes?. <i>Calcified Tissue International</i> , <b>2012</b> , 90, 211-8	3.9	8
39	Matrix metalloproteinases 15 and 19 are stromal regulators of colorectal cancer development from the early stages. <i>International Journal of Oncology</i> , <b>2012</b> , 41, 260-6	4.4	12
38	Striated muscle fiber apoptosis after experimental tendon lesion in a rat model. <i>Journal of Anatomy</i> , <b>2012</b> , 221, 358-63	2.9	4
37	Structural and histomorphometric evaluations of ferutinin effects on the uterus of ovariectomized rats during osteoporosis treatment. <i>Life Sciences</i> , <b>2012</b> , 90, 161-8	6.8	14
36	Effects of different doses of ferutinin on bone formation/resorption in ovariectomized rats. <i>Journal of Bone and Mineral Metabolism</i> , <b>2012</b> , 30, 619-29	2.9	17
35	Increased osteocyte death in multiple myeloma patients: role in myeloma-induced osteoclast formation. <i>Leukemia</i> , <b>2012</b> , 26, 1391-401	10.7	95
34	Proteasome Inhibitors Block Myeloma-Induced Osteocyte Death in Vitro and in Vivo in Multiple Myeloma Patients. <i>Blood</i> , <b>2012</b> , 120, 3978-3978	2.2	1
33	Application of poly-L-lactide screws in flat foot surgery: histological and radiological aspects of bio-absorption of degradable devices. <i>Histology and Histopathology</i> , <b>2012</b> , 27, 485-96	1.4	7
32	RGB method in immunofluorescence investigations on stem cells. <i>Optics and Laser Technology</i> , <b>2011</b> , 43, 317-322	4.2	3
31	Influence of ferutinin on bone metabolism in ovariectomized rats. II: role in recovering osteoporosis. <i>Journal of Anatomy</i> , <b>2010</b> , 217, 48-56	2.9	48
30	In Vitro and In Vivo Evidences of Osteocyte Involvement In Myeloma-Induced Osteolysis. <i>Blood</i> , <b>2010</b> , 116, 131-131	2.2	2
29	The Fathers of Italian Histology. <i>European Journal of Histochemistry</i> , <b>2009</b> , 51, 1	2.1	4
28	Influence of ferutinin on bone metabolism in ovariectomized rats. I: role in preventing osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , <b>2009</b> , 27, 538-45	2.9	36
27	Leptin increases growth of primary ossification centers in fetal mice. <i>Journal of Anatomy</i> , <b>2009</b> , 215, 577-83	2.3	23
26	Increased Osteocyte Apoptosis in Multiple Myeloma Patients: A Potential Role in Bone Remodeling Alterations Related to Osteolytic Bone Lesions.. <i>Blood</i> , <b>2009</b> , 114, 830-830	2.2	
25	Bisphosphonate-associated jawbone osteonecrosis: a correlation between imaging techniques and histopathology. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2008</b> , 105, 358-64		146
24	Embryology and Anatomy of the Thymus Gland <b>2008</b> , 13-18		2
23	Sympathectomy alters bone architecture in adult growing rats. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 104, 2155-64	4.7	14

22	Two peculiar conditions following a coma: a clinical case of heterotopic ossification concomitant with keloid formation. <i>Clinical Anatomy</i> , <b>2008</b> , 21, 348-54	2.5	4
21	Does static precede dynamic osteogenesis in endochondral ossification as occurs in intramembranous ossification?. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , <b>2006</b> , 288, 1158-62		9
20	Different skeletal regional response to continuous brain infusion of leptin in the rat. <i>Peptides</i> , <b>2006</b> , 27, 1426-33	3.8	21
19	Developmental expression and subcellular localization of mouse MATER, an oocyte-specific protein essential for early development. <i>Endocrinology</i> , <b>2004</b> , 145, 1427-34	4.8	82
18	In vivo leptin expression in cartilage and bone cells of growing rats and adult humans. <i>Journal of Anatomy</i> , <b>2004</b> , 205, 291-6	2.9	47
17	Osteocyte dendrogenesis in static and dynamic bone formation: an ultrastructural study. <i>The Anatomical Record</i> , <b>2004</b> , 278, 474-80		58
16	Inducible nitric oxide synthase (iNOS) in immune-mediated demyelination and Wallerian degeneration of the rat peripheral nervous system. <i>Experimental Neurology</i> , <b>2004</b> , 187, 350-8	5.7	27
15	Bone growth, modeling and remodeling in a supernumerary metatarsal bone associated with segmental gigantism in cutis marmorata telangiectatica congenita. <i>Histology and Histopathology</i> , <b>2004</b> , 19, 413-20	1.4	1
14	Apoptosis during intramembranous ossification. <i>Journal of Anatomy</i> , <b>2003</b> , 203, 589-98	2.9	24
13	Bone as an ion exchange system: evidence for a link between mechanotransduction and metabolic needs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 282, E851-64	6	17
12	Static and dynamic osteogenesis: two different types of bone formation. <i>Anatomy and Embryology</i> , <b>2002</b> , 206, 21-9		50
11	Morphofunctional and clinical study on mandibular alveolar distraction osteogenesis. <i>Clinical Oral Implants Research</i> , <b>2002</b> , 13, 550-7	4.8	39
10	Stromal cell structure and relationships in perimedullary spaces of chick embryo shaft bones. <i>Anatomy and Embryology</i> , <b>1998</b> , 197, 349-57		21
9	Osteocyte-bone lining cell system at the origin of steady ionic current in damaged amphibian bone. <i>Calcified Tissue International</i> , <b>1998</b> , 63, 331-9	3.9	29
8	Intermittent compressive load stimulates osteogenesis and improves osteocyte viability in bones cultured "in vitro". <i>Clinical Rheumatology</i> , <b>1996</b> , 15, 563-72	3.9	36
7	Morphometric study of collagen maturation in chick compact bone. <i>Anatomy and Embryology</i> , <b>1995</b> , 191, 351-7		
6	Quantitative evaluation on osteocyte canalicular density in human secondary osteons. <i>Bone</i> , <b>1995</b> , 16, 125-128	4.7	64
5	Quantitative evaluation on osteocyte canalicular density in human secondary osteons. <i>Bone</i> , <b>1995</b> , 16, 125-8	4.7	31

4	A quantitative evaluation of osteoblast-osteocyte relationships on growing endosteal surface of rabbit tibiae. <i>Bone</i> , <b>1992</b> , 13, 363-8	4.7	95
3	Osteocyte differentiation in the tibia of newborn rabbit: an ultrastructural study of the formation of cytoplasmic processes. <i>Cells Tissues Organs</i> , <b>1990</b> , 137, 350-8	2.1	101
2	Morphological study of intercellular junctions during osteocyte differentiation. <i>Bone</i> , <b>1990</b> , 11, 401-6	4.7	207
1	A three-dimensional ultrastructural study of osteoid-osteocytes in the tibia of chick embryos. <i>Cell and Tissue Research</i> , <b>1986</b> , 246, 125-31	4.2	87