

Carla Palumbo

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,236
citations

257101

24
h-index

233125

45
g-index

79
all docs

79
docs citations

79
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological study of intercellular junctions during osteocyte differentiation. <i>Bone</i> , 1990, 11, 401-406.	1.4	229
2	Bisphosphonate-associated jawbone osteonecrosis: a correlation between imaging techniques and histopathology. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 358-364.	1.6	170
3	Osteocyte Differentiation in the Tibia of Newborn Rabbit: An Ultrastructural Study of the Formation of Cytoplasmic Processes. <i>Cells Tissues Organs</i> , 1990, 137, 350-358.	1.3	140
4	Increased osteocyte death in multiple myeloma patients: role in myeloma-induced osteoclast formation. <i>Leukemia</i> , 2012, 26, 1391-1401.	3.3	116
5	A three-dimensional ultrastructural study of osteoid-osteocytes in the tibia of chick embryos. <i>Cell and Tissue Research</i> , 1986, 246, 125-31.	1.5	111
6	A quantitative evaluation of osteoblast-osteocyte relationships on growing endosteal surface of rabbit tibiae. <i>Bone</i> , 1992, 13, 363-368.	1.4	103
7	Developmental Expression and Subcellular Localization of Mouse MATER, an Oocyte-Specific Protein Essential for Early Development. <i>Endocrinology</i> , 2004, 145, 1427-1434.	1.4	91
8	Quantitative evaluation on osteocyte canalicular density in human secondary osteons. <i>Bone</i> , 1995, 16, 125-128.	1.4	73
9	Osteocyte dendrogenesis in static and dynamic bone formation: An ultrastructural study. <i>The Anatomical Record</i> , 2004, 278A, 474-480.	2.3	64
10	Static and dynamic osteogenesis: two different types of bone formation. <i>Anatomy and Embryology</i> , 2002, 206, 21-29.	1.5	55
11	Influence of ferutinin on bone metabolism in ovariectomized rats. II: Role in recovering osteoporosis. <i>Journal of Anatomy</i> , 2010, 217, 48-56.	0.9	53
12	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> , 2016, 31, 815-827.	3.1	52
13	In vivo leptin expression in cartilage and bone cells of growing rats and adult humans. <i>Journal of Anatomy</i> , 2004, 205, 291-296.	0.9	48
14	Morphofunctional and clinical study on mandibular alveolar distraction osteogenesis. <i>Clinical Oral Implants Research</i> , 2002, 13, 550-557.	1.9	47
15	Metformin Induces Apoptosis and Alters Cellular Responses to Oxidative Stress in Ht29 Colon Cancer Cells: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1478.	1.8	47
16	Structural and ultrastructural analyses of bone regeneration in rabbit cranial osteotomy: Piezosurgery versus traditional osteotomes. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 107-118.	0.7	41
17	Intermittent compressive load stimulates osteogenesis and improves osteocyte viability in bones cultured <i>in vitro</i> . <i>Clinical Rheumatology</i> , 1996, 15, 563-572.	1.0	40
18	Influence of ferutinin on bone metabolism in ovariectomized rats. I: role in preventing osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2009, 27, 538-545.	1.3	37

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19	Quantitative evaluation on osteocyte canalicular density in human secondary osteons. <i>Bone</i> , 1995, 16, 125-8.	1.4	35
20	Role of Osteocytes in Myeloma Bone Disease: Anti-sclerostin Antibody as New Therapeutic Strategy. <i>Frontiers in Immunology</i> , 2018, 9, 2467.	2.2	31
21	Inducible nitric oxide synthase (iNOS) in immune-mediated demyelination and Wallerian degeneration of the rat peripheral nervous system. <i>Experimental Neurology</i> , 2004, 187, 350-358.	2.0	30
22	Osteocyte-Bone Lining Cell System at the Origin of Steady Ionic Current in Damaged Amphibian Bone. <i>Calcified Tissue International</i> , 1998, 63, 331-339.	1.5	29
23	Apoptosis during intramembranous ossification. <i>Journal of Anatomy</i> , 2003, 203, 589-598.	0.9	26
24	Identification of Sclerostin as a Putative New Myokine Involved in the Muscle-to-Bone Crosstalk. <i>Biomedicines</i> , 2021, 9, 71.	1.4	26
25	Bone as an ion exchange system: evidence for a link between mechanotransduction and metabolic needs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E851-E864.	1.8	25
26	Different skeletal regional response to continuous brain infusion of leptin in the rat. <i>Peptides</i> , 2006, 27, 1426-1433.	1.2	24
27	Leptin increases growth of primary ossification centers in fetal mice. <i>Journal of Anatomy</i> , 2009, 215, 577-583.	0.9	24
28	The Osteocyte: From "Prisoner" to "Orchestrator". <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 28.	1.1	24
29	The problem of bone lamellation: An attempt to explain different proposed models. <i>Journal of Morphology</i> , 2013, 274, 543-550.	0.6	23
30	Stromal cell structure and relationships in perimedullary spaces of chick embryo shaft bones. <i>Anatomy and Embryology</i> , 1998, 197, 349-357.	1.5	22
31	Bone Healing Evaluation Following Different Osteotomic Techniques in Animal Models: A Suitable Method for Clinical Insights. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7165.	1.3	21
32	Surface properties modulate protein corona formation and determine cellular uptake and cytotoxicity of silver nanoparticles. <i>Nanoscale</i> , 2021, 13, 14119-14129.	2.8	20
33	Amniotic Fluid Stem Cell-Derived Extracellular Vesicles Counteract Steroid-Induced Osteoporosis In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 38.	1.8	20
34	Sympathectomy alters bone architecture in adult growing rats. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 2155-2164.	1.2	18
35	Structural and histomorphometric evaluations of ferutinin effects on the uterus of ovariectomized rats during osteoporosis treatment. <i>Life Sciences</i> , 2012, 90, 161-168.	2.0	17
36	Effects of different doses of ferutinin on bone formation/resorption in ovariectomized rats. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 619-629.	1.3	17

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37	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> , 2012, 90, 211-218.	1.5	16
38	Exosomes Derived from Human Amniotic Fluid Mesenchymal Stem Cells Preserve Microglia and Neuron Cells from A β . <i>International Journal of Molecular Sciences</i> , 2022, 23, 4967.	1.8	15
39	Matrix metalloproteinases 15 and 19 are stromal regulators of colorectal cancer development from the early stages. <i>International Journal of Oncology</i> , 2012, 41, 260-6.	1.4	14
40	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</i> , The, 2013, 2013, 1-9.	0.8	14
41	Morphological and quantitative analysis of BCL6 expression in human colorectal carcinogenesis. <i>Oncology Reports</i> , 2014, 31, 103-110.	1.2	13
42	The Italian law on body donation: A position paper of the Italian College of Anatomists. <i>Annals of Anatomy</i> , 2021, 238, 151761.	1.0	13
43	Immunocytochemical and structural comparative study of committed versus multipotent stem cells cultured with different biomaterials. <i>Micron</i> , 2013, 47, 1-9.	1.1	10
44	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> , 2015, 2015, 1-12.	0.9	10
45	Autophagy is upregulated during colorectal carcinogenesis, and in DNA microsatellite stable carcinomas. <i>Oncology Reports</i> , 2015, 34, 3222-3230.	1.2	10
46	Ferutinin dose-dependent effects on uterus and mammary gland in ovariectomized rats. <i>Histology and Histopathology</i> , 2014, 29, 1027-37.	0.5	10
47	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> , 2006, 288A, 1158-1162.	2.0	9
48	Up-regulation of the chemoattractive receptor ChemR23 and occurrence of apoptosis in human chondrocytes isolated from fractured calcaneal osteochondral fragments. <i>Journal of Anatomy</i> , 2014, 224, 659-668.	0.9	9
49	Proposal of a Novel Natural Biomaterial, the Scleral Ossicle, for the Development of Vascularized Bone Tissue In Vitro. <i>Biomedicines</i> , 2018, 6, 3.	1.4	9
50	GnRH Antagonists Produce Differential Modulation of the Signaling Pathways Mediated by GnRH Receptors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5548.	1.8	9
51	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> , 2019, 20, 753.	1.8	9
52	WISP-2 expression induced by Teriparatide treatment affects in vitro osteoblast differentiation and improves in vivo osteogenesis. <i>Molecular and Cellular Endocrinology</i> , 2020, 513, 110817.	1.6	9
53	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> , 2013, 8, e54488.	1.1	8
54	Static Osteogenesis versus Dynamic Osteogenesis: A Comparison between Two Different Types of Bone Formation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2025.	1.3	8

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55	Synergistic cytotoxicity of dual PI3K/mTOR and FLT3 inhibition in FLT3-ITD AML cells. <i>Advances in Biological Regulation</i> , 2021, 82, 100830.	1.4	8
56	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> , 2012, 27, 485-96.	0.5	8
57	Biocompatibility Analyses of Al2O3-Treated Titanium Plates Tested with Osteocyte and Fibroblast Cell Lines. <i>Biomedicines</i> , 2017, 5, 32.	1.4	7
58	Osteocytes Specific GSK3 Inhibition Affects In Vitro Osteogenic Differentiation. <i>Biomedicines</i> , 2018, 6, 61.	1.4	7
59	Assessing the ability of zebrafish scales to contribute to the short-term homeostatic regulation of [Ca ²⁺] in the extracellular fluid during calcemic challenges. <i>Fisheries Science</i> , 2019, 85, 943-959.	0.7	7
60	Scleral ossicles: angiogenic scaffolds, a novel biomaterial for regenerative medicine applications. <i>Biomaterials Science</i> , 2020, 8, 413-425.	2.6	6
61	Two peculiar conditions following a coma: A clinical case of heterotopic ossification concomitant with keloid formation. <i>Clinical Anatomy</i> , 2008, 21, 348-354.	1.5	5
62	The Fathers of Italian Histology. <i>European Journal of Histochemistry</i> , 2009, 51, 1.	0.6	5
63	Striated muscle fiber apoptosis after experimental tendon lesion in a rat model. <i>Journal of Anatomy</i> , 2012, 221, 358-363.	0.9	5
64	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> , 2017, 231, 823-834.	0.9	5
65	<sc>PTH</sc> (1") effects on repairing experimentally drilled holes in rat femur: novel aspects—qualitative vs. quantitative improvement of osteogenesis. <i>Journal of Anatomy</i> , 2017, 230, 75-84.	0.9	5
66	RGB method in immunofluorescence investigations on stem cells. <i>Optics and Laser Technology</i> , 2011, 43, 317-322.	2.2	4
67	Proteasome Inhibitors Block Myeloma-Induced Osteocyte Death in Vitro and in Vivo in Multiple Myeloma Patients. <i>Blood</i> , 2012, 120, 3978-3978.	0.6	3
68	<sc>M</sc>orphological <sc>S</sc>tudy: <sc>U</sc>ltrastructural <sc>A</sc>spects of <sc>A</sc>rticular <sc>C</sc>artilage and <sc>S</sc>ubchondral <sc>B</sc>one in <sc>P</sc>atients <sc>A</sc>ffected by <sc>P</sc>ost—traumatic <sc>S</sc>houlder Instability. <i>Anatomical Record</i> , 2017, 300, 1208-1218.	0.8	2
69	In Vitro and In Vivo Evidences of Osteocyte Involvement In Myeloma-Induced Osteolysis. <i>Blood</i> , 2010, 116, 131-131.	0.6	2
70	Morphometric study of collagen maturation in chick compact bone. <i>Anatomy and Embryology</i> , 1995, 191, 351-357.	1.5	1
71	Myeloma-Induced Osteocyte Death Was Blunted By Proteasome Inhibitors Through The Modulation Of Autophagy. <i>Blood</i> , 2013, 122, 3096-3096.	0.6	1
72	The need to teach gender medicine in medical school. <i>Resuscitation</i> , 2022, 173, 182-183.	1.3	1

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73	Bone growth, modeling and remodeling in a supernumerary metatarsal bone associated with segmental gigantism in cutis marmorata telangiectatica congenita. <i>Histology and Histopathology</i> , 2004, 19, 413-20.	0.5	1
74	Increased Osteocyte Apoptosis in Multiple Myeloma Patients: A Potential Role in Bone Remodeling Alterations Related to Osteolytic Bone Lesions.. <i>Blood</i> , 2009, 114, 830-830.	0.6	0
75	Abstract 3562: Overweight, inflammation of normal colorectal mucosa, and cancer risk.. , 2012, , .		0