

Peter Pietschmann

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.

89
papers

2,773
citations

25
h-index

52
g-index

109
ext. papers

3,304
ext. citations

4.3
avg, IF

5
L-index

#	Paper	IF	Citations
89	Alendronate for the treatment of osteoporosis in men. <i>New England Journal of Medicine</i> , 2000 , 343, 604-10	5.9	768
88	Osteoporosis: an age-related and gender-specific disease--a mini-review. <i>Gerontology</i> , 2009 , 55, 3-12	5.5	169
87	Immunology of Osteoporosis: A Mini-Review. <i>Gerontology</i> , 2016 , 62, 128-37	5.5	157
86	Differentially circulating miRNAs after recent osteoporotic fractures can influence osteogenic differentiation. <i>Bone</i> , 2015 , 79, 43-51	4.7	135
85	Secreted microvesicular miR-31 inhibits osteogenic differentiation of mesenchymal stem cells. <i>Aging Cell</i> , 2016 , 15, 744-54	9.9	127
84	Osteoimmunology. <i>International Archives of Allergy and Immunology</i> , 2007 , 143, 31-48	3.7	108
83	TBS reflects trabecular microarchitecture in premenopausal women and men with idiopathic osteoporosis and low-traumatic fractures. <i>Bone</i> , 2015 , 79, 259-66	4.7	98
82	The effect of age and gender on cytokine production by human peripheral blood mononuclear cells and markers of bone metabolism. <i>Experimental Gerontology</i> , 2003 , 38, 1119-27	4.5	91
81	Osteoporosis and Sarcopenia Increase Frailty Syndrome in the Elderly. <i>Frontiers in Endocrinology</i> , 2019 , 10, 255	5.7	70
80	Bone morphogenetic proteins 5 and 6 stimulate osteoclast generation. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 77, 75-83	5.4	57
79	Age-dependent Wnt gene expression in bone and during the course of osteoblast differentiation. <i>Age</i> , 2008 , 30, 273-82		56
78	Vesicular Galectin-3 levels decrease with donor age and contribute to the reduced osteo-inductive potential of human plasma derived extracellular vesicles. <i>Aging</i> , 2016 , 8, 16-33	5.6	55
77	Pathophysiology of osteoporosis. <i>Wiener Medizinische Wochenschrift</i> , 2009 , 159, 230-4	2.9	54
76	Inhibition of lamin A/C attenuates osteoblast differentiation and enhances RANKL-dependent osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 78-86	6.3	50
75	Bone structure and metabolism in a rodent model of male senile osteoporosis. <i>Experimental Gerontology</i> , 2007 , 42, 1099-108	4.5	49
74	Bone-related Circulating MicroRNAs miR-29b-3p, miR-550a-3p, and miR-324-3p and their Association to Bone Microstructure and Histomorphometry. <i>Scientific Reports</i> , 2018 , 8, 4867	4.9	48
73	Sphingosine 1-phosphate signaling in bone remodeling: multifaceted roles and therapeutic potential. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 725-737	6.4	42

72	Serum levels of sclerostin and dickkopf-1: effects of age, gender and fracture status. <i>Gerontology</i> , 2014 , 60, 493-501	5.5	42
71	17Beta-estradiol antagonizes effects of 1alpha,25-dihydroxyvitamin D3 on interleukin-6 production and osteoclast-like cell formation in mouse bone marrow primary cultures. <i>Endocrinology</i> , 1997 , 138, 4567-71	4.8	41
70	The effect of antiresorptive drugs on implant therapy: Systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2018 , 29 Suppl 18, 54-92	4.8	38
69	Epidemiology and pathology of Paget's disease of bone - a review. <i>Wiener Medizinische Wochenschrift</i> , 2017 , 167, 2-8	2.9	35
68	Changes in Serum Levels of Myokines and Wnt-Antagonists after an Ultramarathon Race. <i>PLoS ONE</i> , 2015 , 10, e0132478	3.7	34
67	Intravenous treatment with ibandronate normalizes bone matrix mineralization and reduces cortical porosity after two years in male osteoporosis: a paired biopsy study. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 440-9	6.3	28
66	Trabecular bone microstructure and local gene expression in iliac crest biopsies of men with idiopathic osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1584-92	6.3	28
65	MicroRNA levels in bone and blood change during bisphosphonate and teriparatide therapy in an animal model of postmenopausal osteoporosis. <i>Bone</i> , 2020 , 131, 115104	4.7	27
64	FGF23 in Acute and Chronic Illness. <i>Disease Markers</i> , 2015 , 2015, 358086	3.2	25
63	Bone morphogenetic proteins 2, 5, and 6 in combination stimulate osteoblasts but not osteoclasts in vitro. <i>Journal of Orthopaedic Research</i> , 2010 , 28, 1431-9	3.8	25
62	Osteoporosis: Pathophysiology and therapeutic options. <i>EXCLI Journal</i> , 2020 , 19, 1017-1037	2.4	22
61	The impact of vitamin D status on hungry bone syndrome after surgery for primary hyperparathyroidism. <i>European Journal of Endocrinology</i> , 2018 , 178, 1-9	6.5	21
60	Molecular mechanisms of osteoporotic hip fractures in elderly women. <i>Experimental Gerontology</i> , 2016 , 73, 49-58	4.5	21
59	Advances in osteoimmunology: pathophysiologic concepts and treatment opportunities. <i>International Archives of Allergy and Immunology</i> , 2013 , 160, 114-25	3.7	21
58	Running has a negative effect on bone metabolism and proinflammatory status in male aged rats. <i>Experimental Gerontology</i> , 2008 , 43, 578-83	4.5	19
57	Molecular evidence of osteoblast dysfunction in elderly men with osteoporotic hip fractures. <i>Experimental Gerontology</i> , 2014 , 57, 114-21	4.5	14
56	Ibandronate increases sclerostin levels and bone strength in male patients with idiopathic osteoporosis. <i>Calcified Tissue International</i> , 2015 , 96, 477-89	3.9	14
55	17Estradiol Antagonizes Effects of 1,25-Dihydroxyvitamin D3 on Interleukin-6 Production and Osteoclast-Like Cell Formation in Mouse Bone Marrow Primary Cultures		10

54	Rheumatoid arthritis in remission : Decreased myostatin and increased serum levels of periostin. <i>Wiener Klinische Wochenschrift</i> , 2019 , 131, 1-7	2.3	10
53	Morphometric analysis of sinus depth in the posterior maxilla and proposal of a novel classification. <i>Scientific Reports</i> , 2017 , 7, 45397	4.9	9
52	Osteoporosis: gender-specific aspects. <i>Wiener Medizinische Wochenschrift</i> , 2004 , 154, 411-5	2.9	9
51	Effect of vanadium on calcium homeostasis, osteopontin mRNA expression, and bone microarchitecture in diabetic rats. <i>Metallomics</i> , 2017 , 9, 258-267	4.5	8
50	The role of cathepsins in osteoimmunology. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2013 , 23, 11-26	3	8
49	Age- and Strain-Related Differences in Bone Microstructure and Body Composition During Development in Inbred Male Mouse Strains. <i>Calcified Tissue International</i> , 2020 , 106, 431-443	3.9	8
48	Loss of bone strength in HLA-B27 transgenic rats is characterized by a high bone turnover and is mainly osteoclast-driven. <i>Bone</i> , 2015 , 75, 183-91	4.7	7
47	Gender aspects of osteoporosis and bone strength. <i>Wiener Medizinische Wochenschrift</i> , 2011 , 161, 117-23	3.9	7
46	Pharmacologic undertreatment of osteoporosis in Austrian nursing homes and senior residences. <i>Wiener Klinische Wochenschrift</i> , 2010 , 122, 532-7	2.3	7
45	Is Weight Loss Harmful for Skeletal Health in Obese Older Adults?. <i>Gerontology</i> , 2020 , 66, 2-14	5.5	7
44	Atypical Femoral Fractures-Ongoing and History of Bone-Specific Therapy, Concomitant Diseases, Medications, and Survival. <i>Journal of Clinical Densitometry</i> , 2016 , 19, 359-67	3.5	6
43	Decreased Compressional Sound Velocity Is an Indicator for Compromised Bone Stiffness in X-Linked Hypophosphatemic Rickets (XLH). <i>Frontiers in Endocrinology</i> , 2020 , 11, 355	5.7	6
42	Serum levels of Dickkopf-1 are a potential negative biomarker of survival in geriatric patients. <i>Experimental Gerontology</i> , 2017 , 96, 104-109	4.5	6
41	Longitudinal Changes of Circulating miRNAs During Bisphosphonate and Teriparatide Treatment in an Animal Model of Postmenopausal Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1131-1144	6.3	6
40	Serum levels of sclerostin reflect altered bone microarchitecture in patients with hepatic cirrhosis. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 19-26	2.3	5
39	Endocytosis in health and disease—a thematic issue dedicated to Renate Fuchs. <i>Wiener Medizinische Wochenschrift</i> , 2016 , 166, 193-5	2.9	5
38	Bone Effects of Binge Alcohol Drinking Using Prepubescent Pigs as a Model. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 2123-2135	3.7	5
37	Age Related Osteoporosis: Targeting Cellular Senescence.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5

36	Glycitein decreases the generation of murine osteoclasts and increases apoptosis. <i>Wiener Medizinische Wochenschrift</i> , 2010 , 160, 446-51	2.9	4
35	An antibody against RANKL for the treatment of osteoporosis, inflammatory and malignant bone diseases. <i>Wiener Medizinische Wochenschrift</i> , 2010 , 160, 458-63	2.9	4
34	Paget's Disease of Long Bones: Microstructural Analyses of Historical Bone Samples. <i>Calcified Tissue International</i> , 2019 , 105, 15-25	3.9	3
33	Long-Term Effects of Severe Burn Injury on Bone Turnover and Microarchitecture. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2381-2393	6.3	3
32	Bone turnover markers in serum but not in saliva correlate with bone mineral density. <i>Scientific Reports</i> , 2020 , 10, 11550	4.9	3
31	Effectiveness of anti-osteoporotic treatment after successful parathyroidectomy for primary hyperparathyroidism: a randomized, double-blind, placebo-controlled trial. <i>Langenbeck's Archives of Surgery</i> , 2019 , 404, 681-691	3.4	2
30	The Immune Phenotype of Isolated Lymphoid Structures in Non-Tumorous Colon Mucosa Encrypts the Information on Pathobiology of Metastatic Colorectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	2
29	Micro-CT evaluation of historical human skulls presenting signs of syphilitic infection. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 602-609	2.3	2
28	Effects of a moderately high-protein diet and interval aerobic training combined with strength-endurance exercise on markers of bone metabolism, microarchitecture and turnover in obese Zucker rats. <i>Bone</i> , 2016 , 92, 116-123	4.7	2
27	Increased serum levels of fibroblast growth factor 23 after an ultradistance run. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 297-300	4.4	2
26	Particle Radiation Side-Effects: Intestinal Microbiota Composition Shapes Interferon-Induced Osteo-Immunogenicity.. <i>Radiation Research</i> , 2021 ,	3.1	2
25	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using F-FDG-PET/CT and F-NaF-PET/CT. <i>Anticancer Research</i> , 2019 , 39, 1943-1952	2.3	1
24	Modeling the Immune System with Gestures: A Choreographic View of Embodiment in Science. <i>Leonardo</i> , 2018 , 51, 509-516	0.1	1
23	Bone Turnover Markers. <i>Learning Materials in Biosciences</i> , 2017 , 55-66	0.3	1
22	Comparing Two Major Bone Pathologies in Humans and Companion Animals: Osteoporosis and Hyperparathyroidism 2017 , 87-96		1
21	Effect of Enamel Matrix Derivatives on Osteoclast Formation from PBMC of Periodontitis Patients and Healthy Individuals after Interaction with Activated Endothelial Cells. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
20	AID and APOBECs as Multifaceted Intrinsic Virus-Restricting Factors: Emerging Concepts in the Light of COVID-19. <i>Frontiers in Immunology</i> , 2021 , 12, 690416	8.4	1
19	Myostatin and markers of bone metabolism in dermatomyositis. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 150	2.8	1

18	Secondary confounders of osteoporotic hip fractures in patients admitted to a geriatric acute care department. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2015 , 48, 633-40	2.7	○
17	Biogerontology in Austria. <i>Biogerontology</i> , 2011 , 12, 3-10	4.5	○
16	The influence of M-CSF on fracture healing in a mouse model. <i>Scientific Reports</i> , 2021 , 11, 22326	4.9	○
15	Elevation of phosphate levels impairs skeletal myoblast differentiation. <i>Cell and Tissue Research</i> , 2020 , 382, 427-432	4.2	○
14	Myostatin and other musculoskeletal markers in lung transplant recipients. <i>Clinical and Experimental Medicine</i> , 2019 , 19, 77-85	4.9	○
13	Bone and muscle development in three inbred female mouse strains. <i>Osteologie</i> , 2021 , 30, 173-181	0.2	○
12	Circulating bioactive sclerostin levels in an Austrian population-based cohort. <i>Wiener Klinische Wochenschrift</i> , 2021 , 1	2.3	○
11	Microarchitecture of historic bone samples with tuberculosis.. <i>Wiener Klinische Wochenschrift</i> , 2022 , 1	2.3	○
10	Nothobranchius furzeri, the Turquoise Killifish: A Model of Age-Related Osteoporosis?. <i>Gerontology</i> , 2022 , 1-13	5.5	○
9	Effects of Hypertrophy Exercise in Bone Turnover Markers and Structure in Growing Male Rats. <i>International Journal of Sports Medicine</i> , 2017 , 38, 418-425	3.6	
8	Circulating Myostatin Levels Decrease Transiently after Implantation of a Hip Hemi-Arthroplasty. <i>Gerontology</i> , 2020 , 66, 393-400	5.5	
7	Pathophysiology of Bone Fragility. <i>Learning Materials in Biosciences</i> , 2017 , 83-97	0.3	
6	Diagnosis of contact injuries in a mediaeval skeleton analysed by μ CT and histology. <i>Wiener Medizinische Wochenschrift</i> , 2012 , 162, 386-93	2.9	
5	Laudatio auf Univ.-Prof. Dr. Karl Heinz Tragl anlässlich seines 75. Geburtstages. <i>Wiener Medizinische Wochenschrift</i> , 2011 , 161, 503-504	2.9	
4	Osteoporosis in Men 2018 , 223-235		
3	Immunology of Osteoporosis 2019 , 2469-2488		
2	Immunology of Osteoporosis 2018 , 1-21		
1	Particle Radiation Side-Effects: Intestinal Microbiota Composition Shapes Interferon- β -Induced Osteo-Immunogenicity.. <i>Radiation Research</i> , 2022 , 197, 184-192	3.1	

