

# Peter Pietschmann

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

3,763  
citations

212478

28  
h-index

145109

60  
g-index

109  
all docs

109  
docs citations

109  
times ranked

5109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low muscle volume of the anal sphincter complex: A novel prognostic factor in children with anorectal malformations?. <i>Journal of Pediatric Surgery</i> , 2022, 57, 1467-1472.	0.8	1
2	Age Related Osteoporosis: Targeting Cellular Senescence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2701.	1.8	33
3	Microarchitecture of historic bone samples with tuberculosis. <i>Wiener Klinische Wochenschrift</i> , 2022, 134, 449-457.	1.0	2
4	&lt;b&gt;&lt;i&gt;Nothobranchius furzeri,&lt;/i&gt;&lt;/b&gt; the Turquoise Killifish: A Model of Age-Related Osteoporosis?. <i>Gerontology</i> , 2022, 68, 1415-1427.	1.4	3
5	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.	0.6	3
6	Circulating bioactive sclerostin levels in an Austrian population-based cohort. <i>Wiener Klinische Wochenschrift</i> , 2021, , 1.	1.0	3
7	Myostatin and markers of bone metabolism in dermatomyositis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 150.	0.8	5
8	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, 269.	0.8	2
9	Micro-CT evaluation of historical human skulls presenting signs of syphilitic infection. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 602-609.	1.0	4
10	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.	2.2	8
11	The influence of M-CSF on fracture healing in a mouse model. <i>Scientific Reports</i> , 2021, 11, 22326.	1.6	9
12	Dissecting Differential Complex Behavioral Responses to Simulated Space Radiation Exposures. <i>Radiation Research</i> , 2021, 197, .	0.7	9
13	Particle Radiation Side-Effects: Intestinal Microbiota Composition Shapes Interferon- $\beta$ -Induced Osteo-Immunogenicity. <i>Radiation Research</i> , 2021, 197, 184-192.	0.7	2
14	Is Weight Loss Harmful for Skeletal Health in Obese Older Adults?. <i>Gerontology</i> , 2020, 66, 2-14.	1.4	21
15	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.	1.4	40
16	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.	1.5	16
17	Bone turnover markers in serum but not in saliva correlate with bone mineral density. <i>Scientific Reports</i> , 2020, 10, 11550.	1.6	6
18	Elevation of phosphate levels impairs skeletal myoblast differentiation. <i>Cell and Tissue Research</i> , 2020, 382, 427-432.	1.5	2

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19	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, 3117.	1.7	7
20	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.	1.5	8
21	Circulating Myostatin Levels Decrease Transiently after Implantation of a Hip Hemi-Arthroplasty. <i>Gerontology</i> , 2020, 66, 393-400.	1.4	0
22	Serum levels of sclerostin reflect altered bone microarchitecture in patients with hepatic cirrhosis. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 19-26.	1.0	13
23	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> , 2020, 36, 1131-1144.	3.1	17
24	Osteoporosis: Pathophysiology and therapeutic options. <i>EXCLI Journal</i> , 2020, 19, 1017-1037.	0.5	78
25	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.	0.8	2
26	Paget's Disease of Long Bones: Microstructural Analyses of Historical Bone Samples. <i>Calcified Tissue International</i> , 2019, 105, 15-25.	1.5	4
27	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using <sup>18</sup> F-FDG-PET/CT and <sup>18</sup> F-NaF-PET/CT. <i>Anticancer Research</i> , 2019, 39, 1943-1952.	0.5	3
28	Osteoporosis and Sarcopenia Increase Frailty Syndrome in the Elderly. <i>Frontiers in Endocrinology</i> , 2019, 10, 255.	1.5	159
29	Rheumatoid arthritis in remission. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 1-7.	1.0	17
30	Myostatin and other musculoskeletal markers in lung transplant recipients. <i>Clinical and Experimental Medicine</i> , 2019, 19, 77-85.	1.9	1
31	Immunology of Osteoporosis. , 2019, , 2469-2488.		0
32	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.	1.6	65
33	Modeling the Immune System with Gestures: A Choreographic View of Embodiment in Science. <i>Leonardo</i> , 2018, 51, 509-516.	0.2	2
34	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.	1.9	70
35	The effect of antiresorptive drugs on implant therapy: Systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2018, 29, 54-92.	1.9	76
36	Immunology of Osteoporosis. , 2018, , 1-21.		0

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37	Bone Effects of Binge Alcohol Drinking Using Prepubescent Pigs as a Model. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2123-2135.	1.4	9
38	Osteoporosis in Men. , 2018, , 223-235.		0
39	Effect of vanadium on calcium homeostasis, osteopontin mRNA expression, and bone microarchitecture in diabetic rats. <i>Metallomics</i> , 2017, 9, 258-267.	1.0	12
40	Sphingosine 1-phosphate signaling in bone remodeling: multifaceted roles and therapeutic potential. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 725-737.	1.5	55
41	Morphometric analysis of sinus depth in the posterior maxilla and proposal of a novel classification. <i>Scientific Reports</i> , 2017, 7, 45397.	1.6	14
42	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.	0.8	0
43	Bone Turnover Markers. <i>Learning Materials in Biosciences</i> , 2017, , 55-66.	0.2	1
44	Pathophysiology of Bone Fragility. <i>Learning Materials in Biosciences</i> , 2017, , 83-97.	0.2	0
45	Long-Term Effects of Severe Burn Injury on Bone Turnover and Microarchitecture. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2381-2393.	3.1	5
46	Serum levels of Dickkopf-1 are a potential negative biomarker of survival in geriatric patients. <i>Experimental Gerontology</i> , 2017, 96, 104-109.	1.2	7
47	Editorial: Paget's disease of bone. <i>Wiener Medizinische Wochenschrift</i> , 2017, 167, 1-1.	0.5	1
48	Epidemiology and pathology of Paget's disease of bone – a review. <i>Wiener Medizinische Wochenschrift</i> , 2017, 167, 2-8.	0.5	48
49	Comparing Two Major Bone Pathologies in Humans and Companion Animals: Osteoporosis and Hyperparathyroidism. , 2017, , 87-96.		2
50	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.	1.4	2
51	Secreted microvesicular miR-31 inhibits osteogenic differentiation of mesenchymal stem cells. <i>Aging Cell</i> , 2016, 15, 744-754.	3.0	160
52	Endocytosis in health and disease – a thematic issue dedicated to Renate Fuchs. <i>Wiener Medizinische Wochenschrift</i> , 2016, 166, 193-195.	0.5	13
53	Molecular mechanisms of osteoporotic hip fractures in elderly women. <i>Experimental Gerontology</i> , 2016, 73, 49-58.	1.2	23
54	Atypical Femoral Fractures – Ongoing and History of Bone-Specific Therapy, Concomitant Diseases, Medications, and Survival. <i>Journal of Clinical Densitometry</i> , 2016, 19, 359-367.	0.5	8

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55	Immunology of Osteoporosis: A Mini-Review. <i>Gerontology</i> , 2016, 62, 128-137.	1.4	228
56	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, 16-30.	1.4	77
57	FGF23 in Acute and Chronic Illness. <i>Disease Markers</i> , 2015, 2015, 1-8.	0.6	35
58	Ibandronate Increases Sclerostin Levels and Bone Strength in Male Patients with Idiopathic Osteoporosis. <i>Calcified Tissue International</i> , 2015, 96, 477-489.	1.5	14
59	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, 183-191.	1.4	9
60	Secondary confounders of osteoporotic hip fractures in patients admitted to a geriatric acute care department. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2015, 48, 633-640.	0.8	2
61	Cathepsin K inhibitors: emerging treatment options for osteoporosis. <i>Wiener Medizinische Wochenschrift</i> , 2015, 165, 47-47.	0.5	4
62	TBS reflects trabecular microarchitecture in premenopausal women and men with idiopathic osteoporosis and low-traumatic fractures. <i>Bone</i> , 2015, 79, 259-266.	1.4	119
63	Differentially circulating miRNAs after recent osteoporotic fractures can influence osteogenic differentiation. <i>Bone</i> , 2015, 79, 43-51.	1.4	166
64	Changes in Serum Levels of Myokines and Wnt-Antagonists after an Ultramarathon Race. <i>PLoS ONE</i> , 2015, 10, e0132478.	1.1	40
65	Toward new targets for the diagnosis and treatment of malignant diseases. <i>Wiener Medizinische Wochenschrift</i> , 2014, 164, 447-449.	0.5	0
66	Serum Levels of Sclerostin and Dickkopf-1: Effects of Age, Gender and Fracture Status. <i>Gerontology</i> , 2014, 60, 493-501.	1.4	53
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, 440-449.	3.1	29
68	Molecular evidence of osteoblast dysfunction in elderly men with osteoporotic hip fractures. <i>Experimental Gerontology</i> , 2014, 57, 114-121.	1.2	17
69	Hyperparathyroidism. <i>Wiener Medizinische Wochenschrift</i> , 2013, 163, 389-390.	0.5	0
70	Advances in Osteoimmunology: Pathophysiologic Concepts and Treatment Opportunities. <i>International Archives of Allergy and Immunology</i> , 2013, 160, 114-125.	0.9	27
71	The Role of Cathepsins in Osteoimmunology. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2013, 23, 11-26.	0.4	10
72	Diagnosis of contact injuries in a mediaeval skeleton analysed by $\mu$ CT and histology. <i>Wiener Medizinische Wochenschrift</i> , 2012, 162, 386-393.	0.5	0

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73	Editorial Osteology. Wiener Medizinische Wochenschrift, 2012, 162, 369-369.	0.5	0
74	Editorial: Muskuloskeletale Erkrankungen. Wiener Medizinische Wochenschrift, 2012, 162, 91-91.	0.5	0
75	Gender aspects of osteoporosis and bone strength. Wiener Medizinische Wochenschrift, 2011, 161, 117-123.	0.5	11
76	Biogerontology in Austria. Biogerontology, 2011, 12, 3-10.	2.0	2
77	Trabecular bone microstructure and local gene expression in iliac crest biopsies of men with idiopathic osteoporosis. Journal of Bone and Mineral Research, 2011, 26, 1584-1592.	3.1	35
78	Glycitein decreases the generation of murine osteoclasts and increases apoptosis. Wiener Medizinische Wochenschrift, 2010, 160, 446-451.	0.5	11
79	An antibody against RANKL for the treatment of osteoporosis, inflammatory and malignant bone diseases. Wiener Medizinische Wochenschrift, 2010, 160, 458-463.	0.5	5
80	Editorial: Osteoimmunology. Wiener Medizinische Wochenschrift, 2010, 160, 437-437.	0.5	0
81	Pharmacologic undertreatment of osteoporosis in Austrian nursing homes and senior's residences. Wiener Klinische Wochenschrift, 2010, 122, 532-537.	1.0	12
82	Bone morphogenetic proteins 2, 5, and 6 in combination stimulate osteoblasts but not osteoclasts in vitro. Journal of Orthopaedic Research, 2010, 28, 1431-1439.	1.2	29
83	Osteoporosis: An Age-Related and Gender-Specific Disease – A Mini-Review. Gerontology, 2009, 55, 3-12.	1.4	203
84	Pathophysiology of osteoporosis. Wiener Medizinische Wochenschrift, 2009, 159, 230-234.	0.5	61
85	Editorial: "WMW goes gender". Wiener Medizinische Wochenschrift, 2009, 159, 65.	0.5	0
86	Editorial: Diabetes mellitus. Wiener Medizinische Wochenschrift, 2009, 159, 111-111.	0.5	1
87	Inhibition of Lamin A/C Attenuates Osteoblast Differentiation and Enhances RANKL-Dependent Osteoclastogenesis. Journal of Bone and Mineral Research, 2009, 24, 78-86.	3.1	58
88	Age-dependent Wnt gene expression in bone and during the course of osteoblast differentiation. Age, 2008, 30, 273-282.	3.0	74
89	Editorial: Prim. Prof. Dr. Franz BÄ¶hmer aus Anlass seiner Emeritierung gewidmet. Wiener Medizinische Wochenschrift, 2008, 158, 469-470.	0.5	0
90	Running has a negative effect on bone metabolism and proinflammatory status in male aged rats. Experimental Gerontology, 2008, 43, 578-583.	1.2	22

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91	Osteoimmunology. International Archives of Allergy and Immunology, 2007, 143, 31-48.	0.9	123
92	Bone structure and metabolism in a rodent model of male senile osteoporosis. Experimental Gerontology, 2007, 42, 1099-1108.	1.2	57
93	Bone morphogenetic proteins 5 and 6 stimulate osteoclast generation. Journal of Biomedical Materials Research - Part A, 2006, 77A, 75-83.	2.1	65
94	Osteoporosis: Gender-specific aspects. Wiener Medizinische Wochenschrift, 2004, 154, 411-415.	0.5	17
95	The effect of age and gender on cytokine production by human peripheral blood mononuclear cells and markers of bone metabolism. Experimental Gerontology, 2003, 38, 1119-1127.	1.2	100
96	Alendronate for the Treatment of Osteoporosis in Men. New England Journal of Medicine, 2000, 343, 604-610.	13.9	919
97	17 $\beta$ -Estradiol Antagonizes Effects of 1 $\alpha$ ,25-Dihydroxyvitamin D3 on Interleukin-6 Production and Osteoclast-Like Cell Formation in Mouse Bone Marrow Primary Cultures*. Endocrinology, 1997, 138, 4567-4571.	1.4	48
98	17 $\beta$ -Estradiol Antagonizes Effects of 1 $\alpha$ ,25-Dihydroxyvitamin D3 on Interleukin-6 Production and Osteoclast-Like Cell Formation in Mouse Bone Marrow Primary Cultures. , 0, .		10