

Kurt Lippuner

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.

91 papers	4,660 citations	40 h-index	67 g-index
101 ext. papers	5,424 ext. citations	4.3 avg, IF	5.27 L-index

#	Paper	IF	Citations
91	Unified validation of a refined second-generation HR-pQCT based homogenized finite element method to predict strength of the distal segments in radius and tibia.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 131, 105235	4.1	
90	Induced Experimental Peri-Implantitis and Periodontitis: What Are the Differences in the Inflammatory Response?. <i>Journal of Oral Implantology</i> , 2021 , 47, 359-369	1.2	1
89	Formation Dominates Resorption With Increasing Mineralized Density and Time Postfracture in Cortical but Not Trabecular Bone: A Longitudinal HRpQCT Imaging Study in the Distal Radius. <i>JBMR Plus</i> , 2021 , 5, e10493	3.9	1
88	A Bibliometric Analysis of Fragility Fractures: Top 50. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
87	Anticytokine Activity Enhances Osteogenesis of Bioactive Implants. <i>Tissue Engineering - Part A</i> , 2021 , 27, 177-186	3.9	
86	2020 recommendations for osteoporosis treatment according to fracture risk from the Swiss Association against Osteoporosis (SVGO). <i>Swiss Medical Weekly</i> , 2020 , 150, w20352	3.1	8
85	Reference values and clinical predictors of bone strength for HR-pQCT-based distal radius and tibia strength assessments in women and men. <i>Osteoporosis International</i> , 2020 , 31, 1913-1923	5.3	5
84	Osteoporosis in the lower extremities in chronic spinal cord injury. <i>Spinal Cord</i> , 2020 , 58, 441-448	2.7	7
83	In vivo repeatability of homogenized finite element analysis based on multiple HR-pQCT sections for assessment of distal radius and tibia strength. <i>Bone</i> , 2020 , 141, 115575	4.7	5
82	Odanacatib for the treatment of postmenopausal osteoporosis: results of the LOFT multicentre, randomised, double-blind, placebo-controlled trial and LOFT Extension study. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 899-911	18.1	61
81	Diagnosis, prevention, and treatment of bone fragility in people living with HIV: a position statement from the Swiss Association against Osteoporosis. <i>Osteoporosis International</i> , 2019 , 30, 1125-1135	5.3	17
80	FRAME Study: The Foundation Effect of Building Bone With 1 Year of Romosozumab Leads to Continued Lower Fracture Risk After Transition to Denosumab. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1219-1226	6.3	73
79	Bone Mineral Density Changes After 1 Year of Denosumab Discontinuation in Postmenopausal Women with Long-Term Denosumab Treatment for Osteoporosis. <i>Calcified Tissue International</i> , 2018 , 103, 50-54	3.9	40
78	The effect of a previously created distal arteriovenous-fistula on radial bone DXA measurements in prevalent renal transplant recipients. <i>PLoS ONE</i> , 2018 , 13, e0200708	3.7	2
77	A Phase III Randomized Placebo-Controlled Trial to Evaluate Efficacy and Safety of Romosozumab in Men With Osteoporosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3183-3193	5.6	118
76	10 years of denosumab treatment in postmenopausal women with osteoporosis: results from the phase 3 randomised FREEDOM trial and open-label extension. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 513-523	18.1	419
75	Factors associated with acute-phase response of bisphosphonate-naïve or pretreated women with osteoporosis receiving an intravenous first dose of zoledronate or ibandronate. <i>Osteoporosis International</i> , 2017 , 28, 1995-2002	5.3	18

74	Effect of denosumab on trabecular bone score in postmenopausal women with osteoporosis. <i>Osteoporosis International</i> , 2017 , 28, 2967-2973	5.3	22
73	Rebound-associated vertebral fractures after discontinuation of denosumab-from clinic and biomechanics. <i>Osteoporosis International</i> , 2016 , 27, 1917-21	5.3	109
72	Bone mineral density (BMD) and vertebral trabecular bone score (TBS) for the identification of elderly women at high risk for fracture: the SEMOF cohort study. <i>European Spine Journal</i> , 2016 , 25, 3432-3438	2.7	36
71	Novel organ-slice culturing system to simulate meniscal repair: Proof of concept using a synovium-based pool of meniscoprogenitor cells. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 1588-96	3.8	3
70	The Initial Slope of the Variogram, Foundation of the Trabecular Bone Score, Is Not or Is Poorly Associated With Vertebral Strength. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 341-6	6.3	22
69	A Meta-Analysis of Trabecular Bone Score in Fracture Risk Prediction and Its Relationship to FRAX. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 940-8	6.3	346
68	OP0306 Ten Years of Denosumab Treatment in Postmenopausal Women with Osteoporosis: Results from The Freedom Extension Trial. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 173.2-174	2.4	
67	Frakturprävention bei der älteren Frau. <i>Gynäkologische Endokrinologie</i> , 2015 , 13, 33-38	0.1	
66	Further reductions in nonvertebral fracture rate with long-term denosumab treatment in the FREEDOM open-label extension and influence of hip bone mineral density after 3 years. <i>Osteoporosis International</i> , 2015 , 26, 2763-71	5.3	56
65	The effect of 8 or 5 years of denosumab treatment in postmenopausal women with osteoporosis: results from the FREEDOM Extension study. <i>Osteoporosis International</i> , 2015 , 26, 2773-83	5.3	196
64	Age-Independent Cartilage Generation for Synovium-Based Autologous Chondrocyte Implantation. <i>Tissue Engineering - Part A</i> , 2015 , 21, 2089-98	3.9	4
63	Long-bone fractures in persons with spinal cord injury. <i>Spinal Cord</i> , 2015 , 53, 701-4	2.7	42
62	An educational review of cartilage repair: precepts & practice--myths & misconceptions--progress & prospects. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 334-50	6.2	157
61	Comparative effects of teriparatide and ibandronate on spine bone mineral density (BMD) and microarchitecture (TBS) in postmenopausal women with osteoporosis: a 2-year open-label study. <i>Osteoporosis International</i> , 2014 , 25, 1945-51	5.3	62
60	SAT0463 Effect of Eight Years of Denosumab Treatment in Postmenopausal Women with Osteoporosis: Five-Year Results from the Freedom Extension. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 761.2-761	2.4	
59	How best to preserve and reveal the structural intricacies of cartilaginous tissue. <i>Matrix Biology</i> , 2014 , 39, 33-43	11.4	41
58	Radiometrical, hormonal and biological correlates of skeletal growth in the female rat from birth to senescence. <i>Growth Hormone and IGF Research</i> , 2014 , 24, 83-8	2	1
57	Cortical bone loss at the tibia in postmenopausal women with osteoporosis is associated with incident non-vertebral fractures: results of a randomized controlled ancillary study of HORIZON. <i>Maturitas</i> , 2014 , 77, 287-93	5	6

56	Microstructural parameters of bone evaluated using HR-pQCT correlate with the DXA-derived cortical index and the trabecular bone score in a cohort of randomly selected premenopausal women. <i>PLoS ONE</i> , 2014 , 9, e88946	3.7	22
55	DensiProbe Spine: an intraoperative measurement of bone quality in spinal instrumentation. A clinical feasibility study. <i>Spine Journal</i> , 2013 , 13, 1223-9	4	12
54	Denosumab significantly increases DXA BMD at both trabecular and cortical sites: results from the FREEDOM study. <i>Journal of Clinical Densitometry</i> , 2013 , 16, 147-53	3.5	38
53	Primary male osteoporosis is associated with enhanced glucocorticoid availability. <i>Rheumatology</i> , 2013 , 52, 1983-91	3.9	3
52	Effects of zoledronate versus placebo on spine bone mineral density and microarchitecture assessed by the trabecular bone score in postmenopausal women with osteoporosis: a three-year study. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 449-54	6.3	75
51	OP0250 Denosumab Treatment of Postmenopausal Women with Osteoporosis for 7 Years: Clinical Fracture Results from the First 4 Years of the Freedom Extension. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A137.2-A137	2.4	1
50	Comparative trends in hospitalizations for osteoporotic fractures and other frequent diseases between 2000 and 2008. <i>Osteoporosis International</i> , 2012 , 23, 829-39	5.3	21
49	Cost-effective intervention thresholds against osteoporotic fractures based on FRAX [®] in Switzerland. <i>Osteoporosis International</i> , 2012 , 23, 2579-89	5.3	51
48	Recommendations for raloxifene use in daily clinical practice in the Swiss setting. <i>European Spine Journal</i> , 2012 , 21, 2407-17	2.7	5
47	The effect of 3 versus 6 years of zoledronic acid treatment of osteoporosis: a randomized extension to the HORIZON-Pivotal Fracture Trial (PFT). <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 243-54	6.3	397
46	Falls and fractures in the elderly with sinus node disease: the impact of pacemaker implantation. <i>Cardiology Research and Practice</i> , 2012 , 2012, 498102	1.9	2
45	The future of osteoporosis treatment - a research update. <i>Swiss Medical Weekly</i> , 2012 , 142, w13624	3.1	54
44	Fracture hospitalizations between years 2000 and 2007 in Switzerland: a trend analysis. <i>Osteoporosis International</i> , 2011 , 22, 2487-97	5.3	49
43	A review of the cost effectiveness of bisphosphonates in the treatment of post-menopausal osteoporosis in Switzerland. <i>Applied Health Economics and Health Policy</i> , 2011 , 9, 403-17	3.4	3
42	FRAX assessment of osteoporotic fracture probability in Switzerland. <i>Osteoporosis International</i> , 2010 , 21, 381-9	5.3	79
41	Effect of once-yearly zoledronic acid five milligrams on fracture risk and change in femoral neck bone mineral density. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3215-25	5.6	75
40	Different response to eccentric and concentric training in older men and women. <i>European Journal of Applied Physiology</i> , 2009 , 107, 145-53	3.4	79
39	Remaining lifetime and absolute 10-year probabilities of osteoporotic fracture in Swiss men and women. <i>Osteoporosis International</i> , 2009 , 20, 1131-40	5.3	129

38	Tibial or hip BMD predict clinical fracture risk equally well: results from a prospective study in 700 elderly Swiss women. <i>Osteoporosis International</i> , 2009 , 20, 1393-9	5.3	17
37	Experimental arthritis: effect on growth parameters and total skeletal calcium. <i>Growth Hormone and IGF Research</i> , 2009 , 19, 442-6	2	2
36	Kosteneffektivität einer Osteoporose-Behandlung nach systematischem Bevölkerungsscreening in der Schweiz: Auswirkungen der Preisreduktion des Alendronat-Originalpräparates. <i>PharmacoEconomics - German Research Articles</i> , 2008 , 6, 19-28		1
35	Renal safety of annual zoledronic acid infusions in osteoporotic postmenopausal women. <i>Kidney International</i> , 2008 , 74, 641-8	9.9	86
34	Management of fragility fractures in Switzerland: results of a nationwide survey. <i>Swiss Medical Weekly</i> , 2008 , 138, 674-83	3.1	28
33	Simulation-based cost-utility analysis of population screening-based alendronate use in Switzerland. <i>Osteoporosis International</i> , 2007 , 18, 1481-91	5.3	28
32	Biologically relevant sex differences for fitness-related parameters in active octogenarians. <i>European Journal of Applied Physiology</i> , 2007 , 99, 533-40	3.4	7
31	Prevention of postmenopausal bone loss with long-cycle hormone replacement therapy. <i>Maturitas</i> , 2006 , 53, 191-200	5	23
30	Prediction of hip fracture risk by quantitative ultrasound in more than 7000 Swiss women > or =70 years of age: comparison of three technologically different bone ultrasound devices in the SEMOF study. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1457-63	6.3	81
29	Glucocorticosteroid-induced spinal osteoporosis: scientific update on pathophysiology and treatment. <i>European Spine Journal</i> , 2006 , 15, 1035-49	2.7	21
28	Epidemiology and direct medical costs of osteoporotic fractures in men and women in Switzerland. <i>Osteoporosis International</i> , 2005 , 16 Suppl 2, S8-S17	5.3	107
27	A model of osteoporosis impact in Switzerland 2000-2020. <i>Osteoporosis International</i> , 2005 , 16, 659-71	5.3	48
26	Cortical and trabecular bone mineral density in transsexuals after long-term cross-sex hormonal treatment: a cross-sectional study. <i>Osteoporosis International</i> , 2005 , 16, 791-8	5.3	70
25	Osteoporosis case finding in the general practice: phalangeal radiographic absorptiometry with and without risk factors for osteoporosis to select postmenopausal women eligible for lumbar spine and hip densitometry. <i>Osteoporosis International</i> , 2005 , 16, 1353-62	5.3	9
24	Graded doses of recombinant interleukin-1beta induce generalized osteopenia in rats without altering skeletal growth and joint integrity. <i>Hormone Research in Paediatrics</i> , 2005 , 64, 88-95	3.3	2
23	1,25-(OH) ₂ -16ene-23yne-D3 reduces secondary hyperparathyroidism in uremic rats with little calcemic effect. <i>Hormone Research in Paediatrics</i> , 2004 , 61, 7-16	3.3	3
22	Prevention of bone loss in paraplegics over 2 years with alendronate. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 1067-74	6.3	86
21	Eccentric endurance training in subjects with coronary artery disease: a novel exercise paradigm in cardiac rehabilitation?. <i>European Journal of Applied Physiology</i> , 2004 , 91, 572-8	3.4	51

20	Long-term changes in bone metabolism, bone mineral density, quantitative ultrasound parameters, and fracture incidence after spinal cord injury: a cross-sectional observational study in 100 paraplegic men. <i>Osteoporosis International</i> , 2004 , 15, 180-9	5.3	204
19	Postpartum osteoporosis associated with proximal tibial stress fracture. <i>Skeletal Radiology</i> , 2004 , 33, 96-8	2.7	30
18	Eccentric exercise in coronary patients: central hemodynamic and metabolic responses. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1076-82	1.2	79
17	Comparison of three bone ultrasounds for the discrimination of subjects with and without osteoporotic fractures among 7562 elderly women. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1261-8	6.3	69
16	Medical treatment of vertebral osteoporosis. <i>European Spine Journal</i> , 2003 , 12 Suppl 2, S132-41	2.7	33
15	How well do radiographic absorptiometry and quantitative ultrasound predict osteoporosis at spine or hip? A cost-effectiveness analysis. <i>Journal of Clinical Densitometry</i> , 2000 , 3, 241-9	3.5	27
14	Long-term systemic administration of human recombinant interleukin-1beta induces a dose-dependent fall in circulating parathyroid hormone in rats. <i>Hormone Research in Paediatrics</i> , 1999 , 51, 74-7	3.3	
13	Imipramine and diet counseling with psychological support in the treatment of obese binge eaters: a randomized, placebo-controlled double-blind study. <i>International Journal of Eating Disorders</i> , 1999 , 26, 231-44	6.3	42
12	Differential impact of conventional oral or transdermal hormone replacement therapy or tibolone on body composition in postmenopausal women. <i>Clinical Endocrinology</i> , 1998 , 48, 691-9	3.4	59
11	Effects of deflazacort versus prednisone on bone mass, body composition, and lipid profile: a randomized, double blind study in kidney transplant patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3795-802	5.6	43
10	Effects of Deflazacort Versus Prednisone on Bone Mass, Body Composition, and Lipid Profile: A Randomized, Double Blind Study in Kidney Transplant Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3795-3802	5.6	40
9	Incidence and direct medical costs of hospitalizations due to osteoporotic fractures in Switzerland. <i>Osteoporosis International</i> , 1997 , 7, 414-25	5.3	97
8	PTH-related protein is released into the mother's bloodstream during lactation: evidence for beneficial effects on maternal calcium-phosphate metabolism. <i>Journal of Bone and Mineral Research</i> , 1996 , 11, 1394-9	6.3	72
7	No Evidence of Osteopenia 5 to 8 Years After Ileal Orthotopic Bladder Substitution. <i>Journal of Urology</i> , 1996 , 155, 71-75	2.5	45
6	Effect of calcium-channel blockers on calcium-phosphate metabolism in patients with end-stage renal disease. <i>Nephrology Dialysis Transplantation</i> , 1996 , 11, 70-4	4.3	
5	Effect of disodium monofluorophosphate, calcium and vitamin D supplementation on bone mineral density in patients chronically treated with glucocorticosteroids: a prospective, randomized, double-blind study. <i>Mineral and Electrolyte Metabolism</i> , 1996 , 22, 207-13		17
4	Low bone mass in idiopathic renal stone formers: magnitude and significance. <i>Journal of Bone and Mineral Research</i> , 1994 , 9, 1525-32	6.3	95
3	Bone mineral density at distal tibia using dual-energy X-ray absorptiometry in normal women and in patients with vertebral osteoporosis or primary hyperparathyroidism. <i>Journal of Bone and Mineral Research</i> , 1994 , 9, 1851-7	6.3	23

2	Dual-energy X-ray absorptiometry for measuring total bone mineral content in the rat: study of accuracy and precision. <i>Bone and Mineral</i> , 1994 , 26, 61-8	31
1	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. <i>Osteoporosis International</i> ,	53 0