

Roland D Chapurlat

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.

96
papers

4,701
citations

41
h-index

67
g-index

112
ext. papers

5,629
ext. citations

5.5
avg, IF

5.63
L-index

#	Paper	IF	Citations
96	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
95	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
94	Five years of denosumab exposure in women with postmenopausal osteoporosis: results from the first two years of the FREEDOM extension. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 694-701	6.3	235
93	Long-term effects of intravenous pamidronate in fibrous dysplasia of bone. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1746-52	6.3	157
92	Bone remodelling in humans is load-driven but not lazy. <i>Nature Communications</i> , 2014 , 5, 4855	17.4	148
91	Fibrous dysplasia of bone and McCune-Albright syndrome. <i>Best Practice and Research in Clinical Rheumatology</i> , 2008 , 22, 55-69	5.3	145
90	Cortical and trabecular bone microarchitecture as an independent predictor of incident fracture risk in older women and men in the Bone Microarchitecture International Consortium (BoMIC): a prospective study. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 34-43	18.1	139
89	2012 update of French guidelines for the pharmacological treatment of postmenopausal osteoporosis. <i>Joint Bone Spine</i> , 2012 , 79, 304-13	2.9	136
88	Finite element analysis performed on radius and tibia HR-pQCT images and fragility fractures at all sites in postmenopausal women. <i>Bone</i> , 2010 , 46, 1030-7	4.7	136
87	Microcrack frequency and bone remodeling in postmenopausal osteoporotic women on long-term bisphosphonates: a bone biopsy study. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 1502-9	6.3	115
86	Finite element analysis performed on radius and tibia HR-pQCT images and fragility fractures at all sites in men. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 965-73	6.3	105
85	Denosumab versus risedronate in glucocorticoid-induced osteoporosis: a multicentre, randomised, double-blind, active-controlled, double-dummy, non-inferiority study. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 445-454	18.1	103
84	Bone density, turnover, and estimated strength in postmenopausal women treated with odanacatib: a randomized trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 571-80	5.6	100
83	Medical therapy in adults with fibrous dysplasia of bone. <i>Journal of Bone and Mineral Research</i> , 2006 , 21 Suppl 2, P114-9	6.3	96
82	High-resolution in vivo imaging of bone and joints: a window to microarchitecture. <i>Nature Reviews Rheumatology</i> , 2014 , 10, 304-13	8.1	91
81	Multicenter precision of cortical and trabecular bone quality measures assessed by high-resolution peripheral quantitative computed tomography. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 524-36	6.3	89
80	Cross-sectional analysis of the association between fragility fractures and bone microarchitecture in older men: the STRAMBO study. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1358-67	6.3	88

79	Bone Microarchitecture Assessed by HR-pQCT as Predictor of Fracture Risk in Postmenopausal Women: The OFELY Study. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1243-1251	6.3	85
78	Serum estradiol and sex hormone-binding globulin and the risk of hip fracture in elderly women: the EPIDOS study. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 1835-41	6.3	85
77	Bone micromechanical properties are compromised during long-term alendronate therapy independently of mineralization. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 825-34	6.3	84
76	Fibrous dysplasia of bone. <i>Best Practice and Research in Clinical Rheumatology</i> , 2000 , 14, 385-98	5.3	79
75	Safety of Oral Non-Selective Non-Steroidal Anti-Inflammatory Drugs in Osteoarthritis: What Does the Literature Say?. <i>Drugs and Aging</i> , 2019 , 36, 15-24	4.7	74
74	The FRAX tool in French women: How well does it describe the real incidence of fracture in the OFELY cohort?. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2101-7	6.3	68
73	Challenges in longitudinal measurements with HR-pQCT: evaluation of a 3D registration method to improve bone microarchitecture and strength measurement reproducibility. <i>Bone</i> , 2014 , 63, 147-57	4.7	65
72	Novel biological markers of bone: from bone metabolism to bone physiology. <i>Rheumatology</i> , 2016 , 55, 1714-25	3.9	63
71	The ratio 1660/1690 cm(-1) measured by infrared microspectroscopy is not specific of enzymatic collagen cross-links in bone tissue. <i>PLoS ONE</i> , 2011 , 6, e28736	3.7	63
70	Best practice management guidelines for fibrous dysplasia/McCune-Albright syndrome: a consensus statement from the FD/MAS international consortium. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 139	4.2	62
69	Microarchitecture and Peripheral BMD are Impaired in Postmenopausal White Women With Fracture Independently of Total Hip T-Score: An International Multicenter Study. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1158-66	6.3	59
68	Bone-Forming and Antiresorptive Effects of Romosozumab in Postmenopausal Women With Osteoporosis: Bone Histomorphometry and Microcomputed Tomography Analysis After 2 and 12 Months of Treatment. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1597-1608	6.3	54
67	Association between bone turnover rate and bone microarchitecture in men: the STRAMBO study. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2313-23	6.3	53
66	Mechanisms of the anabolic effects of teriparatide on bone: insight from the treatment of a patient with pycnodysostosis. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1076-83	6.3	53
65	Higher serum osteocalcin is associated with lower abdominal aortic calcification progression and longer 10-year survival in elderly men of the MINOS cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 1084-92	5.6	52
64	Age-related changes in bone strength from HR-pQCT derived microarchitectural parameters with an emphasis on the role of cortical porosity. <i>Bone</i> , 2016 , 83, 233-240	4.7	50
63	Effects of odanacatib on the radius and tibia of postmenopausal women: improvements in bone geometry, microarchitecture, and estimated bone strength. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1786-94	6.3	50
62	Lower fracture risk in older men with higher sclerostin concentration: a prospective analysis from the MINOS study. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 855-64	6.3	49

61	Predicting fractures in an international cohort using risk factor algorithms without BMD. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 2770-7	6.3	49
60	Modifications of bone material properties in postmenopausal osteoporotic women long-term treated with alendronate. <i>European Journal of Endocrinology</i> , 2011 , 165, 647-55	6.5	45
59	Impaired bone microarchitecture at the distal radius in older men with low muscle mass and grip strength: the STRAMBO study. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 169-78	6.3	43
58	Fibrous dysplasia and McCune-Albright syndrome: imaging for positive and differential diagnoses, prognosis, and follow-up guidelines. <i>European Journal of Radiology</i> , 2014 , 83, 1828-42	4.7	42
57	When, where and how osteoporosis-associated fractures occur: an analysis from the Global Longitudinal Study of Osteoporosis in Women (GLOW). <i>PLoS ONE</i> , 2013 , 8, e83306	3.7	42
56	Effects of odanacatib on BMD and safety in the treatment of osteoporosis in postmenopausal women previously treated with alendronate: a randomized placebo-controlled trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4727-35	5.6	41
55	Odanacatib: a review of its potential in the management of osteoporosis in postmenopausal women. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2015 , 7, 103-9	3.8	40
54	Osteoporosis and ischemic cardiovascular disease. <i>Joint Bone Spine</i> , 2017 , 84, 427-432	2.9	39
53	Trabecular Bone Score: Where are we now?. <i>Joint Bone Spine</i> , 2015 , 82, 320-5	2.9	38
52	Serum Sortilin Associates With Aortic Calcification and Cardiovascular Risk in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1005-1011	9.4	33
51	Risedronate slows or partly reverses cortical and trabecular microarchitectural deterioration in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 380-8	6.3	33
50	Persistence at 1 year of oral antiosteoporotic drugs: a prospective study in a comprehensive health insurance database. <i>European Journal of Endocrinology</i> , 2012 , 166, 735-41	6.5	32
49	Transient improvement of severe pain from fibrous dysplasia of bone with denosumab treatment. <i>Joint Bone Spine</i> , 2014 , 81, 549-50	2.9	31
48	Association between sex steroid levels and bone microarchitecture in men: the STRAMBO study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1400-10	5.6	28
47	Lower serum osteocalcin is associated with more severe metabolic syndrome in elderly men from the MINOS cohort. <i>European Journal of Endocrinology</i> , 2014 , 171, 275-83	6.5	24
46	Prognostic Factors From an Epidemiologic Evaluation of Fibrous Dysplasia of Bone in a Modern Cohort: The FRANCEDYS Study. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 2167-2172	6.3	23
45	Successful treatment of Erdheim-Chester disease by interleukin-1 receptor antagonist protein. <i>Joint Bone Spine</i> , 2014 , 81, 175-7	2.9	21
44	Increase in Fracture Risk Following Unintentional Weight Loss in Postmenopausal Women: The Global Longitudinal Study of Osteoporosis in Women. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1466-72	6.3	19

43	Guidelines for the conduct of pharmacological clinical trials in hand osteoarthritis: Consensus of a Working Group of the European Society on Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO). <i>Seminars in Arthritis and Rheumatism</i> , 2018 , 48, 1-8	5.3	17
42	Lack of Association Between Select Circulating miRNAs and Bone Mass, Turnover, and Fractures: Data From the OFELY Cohort. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1074-1085	6.3	16
41	Least-detectable and age-related local in vivo bone remodelling assessed by time-lapse HR-pQCT. <i>PLoS ONE</i> , 2018 , 13, e0191369	3.7	16
40	Emerging drugs for osteoporosis. <i>Expert Opinion on Emerging Drugs</i> , 2014 , 19, 385-95	3.7	15
39	High Kellgren-Lawrence Grade and Bone Marrow Lesions Predict Worsening Rates of Radiographic Joint Space Narrowing; The SEKOIA Study. <i>Journal of Rheumatology</i> , 2016 , 43, 657-65	4.1	14
38	Relationship Between Sex Steroids and Deterioration of Bone Microarchitecture in Older Men: The Prospective STRAMBO Study. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1562-1573	6.3	12
37	Treatment of postmenopausal osteoporosis with odanacatib. <i>Expert Opinion on Pharmacotherapy</i> , 2014 , 15, 559-64	4	12
36	Feasibility of rigid 3D image registration of high-resolution peripheral quantitative computed tomography images of healing distal radius fractures. <i>PLoS ONE</i> , 2017 , 12, e0179413	3.7	12
35	Erosion or vascular channel?. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2956	9.5	11
34	Deterioration of Cortical and Trabecular Microstructure Identifies Women With Osteopenia or Normal Bone Mineral Density at Imminent and Long-Term Risk for Fragility Fracture: A Prospective Study. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 833-844	6.3	11
33	Selected serum microRNA, abdominal aortic calcification and risk of osteoporotic fracture. <i>PLoS ONE</i> , 2019 , 14, e0216947	3.7	9
32	Contribution of high resolution peripheral quantitative CT to the management of bone and joint diseases. <i>Joint Bone Spine</i> , 2018 , 85, 301-306	2.9	9
31	In vivo evaluation of bone microstructure in humans: Clinically useful?. <i>BoneKEy Reports</i> , 2016 , 5, 813		8
30	Assessment of the clinical relevance of pharmacists' interventions performed during medication review in a rheumatology ward. <i>European Journal of Internal Medicine</i> , 2019 , 59, 91-96	3.9	8
29	The QUALYOR (QUalité Osseuse LYon OrLéans) study: a new cohort for non invasive evaluation of bone quality in postmenopausal osteoporosis. Rationale and study design. <i>Archives of Osteoporosis</i> , 2017 , 13, 2	2.9	7
28	Paradoxical psoriatic arthritis in a patient with rheumatoid arthritis treated by TNF inhibitor. <i>Joint Bone Spine</i> , 2014 , 81, 455-6	2.9	6
27	Prediction of Fractures and Major Cardiovascular Events in Men Using Serum Osteoprotegerin Levels: The Prospective STRAMBO Study. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2288-2296	6.3	6
26	Older men with severe disc degeneration have more incident vertebral fractures-the prospective MINOS cohort study. <i>Rheumatology</i> , 2017 , 56, 37-45	3.9	5

25	Odanacatib for the treatment of postmenopausal osteoporosis. <i>Expert Opinion on Pharmacotherapy</i> , 2014 , 15, 97-102	4	5
24	Bisphosphonates for the treatment of fibrous dysplasia of bone. <i>Bone</i> , 2021 , 143, 115784	4.7	5
23	Romosozumab improves lumbar spine bone mass and bone strength parameters relative to alendronate in postmenopausal women: results from the Active-Controlled Fracture Study in Postmenopausal Women With Osteoporosis at High Risk (ARCH) trial. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 2139-2152	6.3	5
22	Treatment of osteoporosis with annual iv zoledronic acid: effects on hip fracture. <i>Therapeutics and Clinical Risk Management</i> , 2009 , 5, 169-75	2.9	3
21	Review of ibandronate in the treatment of osteoporosis. <i>Expert Opinion on Pharmacotherapy</i> , 2003 , 4, 391-6	4	3
20	Duration-Dependent Increase of Human Bone Matrix Mineralization in Long-Term Bisphosphonate Users with Atypical Femur Fracture. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1031-1041	6.3	3
19	Long term prognosis of Scheuermann's disease: The association with fragility fracture - The MINOS cohort. <i>Bone</i> , 2018 , 117, 116-122	4.7	3
18	A Signature of Circulating miRNAs Associated With Fibrous Dysplasia of Bone: the mirDys Study. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1881-1892	6.3	2
17	Estimation of Long-Term Efficacy of Denosumab Treatment in Postmenopausal Women With Osteoporosis: A FRAX- and Virtual Twin-Based Post Hoc Analysis From the FREEDOM and FREEDOM Extension Trials. <i>JBMR Plus</i> , 2020 , 4, e10348	3.9	2
16	Regional Differences in Incident Pre frailty and Frailty. <i>Journal of Women's Health</i> , 2017 , 26, 992-998	3	2
15	Bone microarchitecture phenotypes identified in older adults are associated with different levels of osteoporotic fracture risk.. <i>Journal of Bone and Mineral Research</i> , 2021 ,	6.3	2
14	Inhibition of IL-6 in the treatment of fibrous dysplasia of bone: The randomized double-blind placebo-controlled TOCIDYS trial.. <i>Bone</i> , 2022 , 157, 116343	4.7	2
13	Modeling-Based Bone Formation After 2 Months of Romosozumab Treatment: Results From the FRAME Clinical Trial. <i>Journal of Bone and Mineral Research</i> , 2021 ,	6.3	2
12	Ostéoporose et maladies cardiovasculaires ischémiques. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2017 , 84, 117-122	0.1	1
11	Single annual injectable treatment for postmenopausal osteoporosis. <i>Expert Opinion on Drug Delivery</i> , 2008 , 5, 583-91	8	1
10	A Novel HR-pQCT Image Registration Approach Reveals Sex-Specific Changes in Cortical Bone Retraction With Aging. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1351-1363	6.3	1
9	Reliability of the assessment of disc degeneration on the lateral DXA scans. <i>Joint Bone Spine</i> , 2021 , 88, 105123	2.9	1
8	Reliability and Change in Erosion Measurements by High-resolution Peripheral Quantitative Computed Tomography in a Longitudinal Dataset of Rheumatoid Arthritis Patients. <i>Journal of Rheumatology</i> , 2021 , 48, 348-351	4.1	1

7	High Cardiovascular Risk in Older Men with Poor Bone Microarchitecture-The Prospective STRAMBO Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 879-891	6.3	1
6	The bone strain index predicts fragility fractures. The OFELY study.. <i>Bone</i> , 2022 , 157, 116348	4.7	0
5	Bone Microarchitecture Decline and Risk of Fall and Fracture in Men With Poor Physical Performance-The STRAMBO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e5180-e5194	5.6	0
4	Randomized, controlled trial to assess the safety and efficacy of odanacatib in the treatment of men with osteoporosis. <i>Osteoporosis International</i> , 2021 , 32, 173-184	5.3	0
3	Dysplasie fibreuse et syndrome de McCune-Albright. <i>Revue Du Rhumatisme Monographies</i> , 2019 , 86, 76-83		
2	Utilité du scanner périphérique à haute résolution dans la prise en charge des maladies ostéoarticulaires. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018 , 85, 138-145	0.1	
1	Management of bone fragility in patients with rheumatoid arthritis in France: An analysis of a national health insurance claims database.. <i>Joint Bone Spine</i> , 2022 , 89, 105340	2.9	