

# Roland D Chapurlat

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

6,420  
citations

57758

44  
h-index

66911

78  
g-index

112  
all docs

112  
docs citations

112  
times ranked

5828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation and effectiveness of pharmacist-led interviews at patient hospital admission in a rheumatology department. <i>European Journal of Hospital Pharmacy</i> , 2023, 30, 273-278.	1.1	0
2	The bone strain index predicts fragility fractures. The OFELY study. <i>Bone</i> , 2022, 157, 116348.	2.9	9
3	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.	2.9	10
4	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.	1.6	2
5	Elevated lipoprotein(a) as a predictor for coronary events in older men. <i>Journal of Lipid Research</i> , 2022, 63, 100242.	4.2	4
6	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.	2.0	6
7	Imminent fracture risk. <i>Joint Bone Spine</i> , 2021, 88, 105105.	1.6	10
8	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.	3.1	9
9	Bisphosphonates for the treatment of fibrous dysplasia of bone. <i>Bone</i> , 2021, 143, 115784.	2.9	21
10	Reliability of the assessment of disc degeneration on the lateral DXA scans. <i>Joint Bone Spine</i> , 2021, 88, 105123.	1.6	1
11	Of the Futility of Repeating BMD Measurement in Treated Osteoporotic Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4784-e4785.	3.6	0
12	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.	3.6	5
13	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.	2.8	35
14	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.	2.8	33
15	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.	2.8	10
16	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.	2.7	3
17	High Cardiovascular Risk in Older Men with Poor Bone Microarchitecture—The Prospective STRAMBO Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 879-891.	2.8	5
18	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> , 2020, 36, 1031-1041.	2.8	9

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19	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> , 2020, 36, 1351-1363.	2.8	5
20	Modeling-Based Bone Formation After 24 Months of Romosozumab Treatment: Results From the FRAME Clinical Trial. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 36-40.	2.8	16
21	Bone Microarchitecture Phenotypes Identified in Older Adults Are Associated With Different Levels of Osteoporotic Fracture Risk. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 428-439.	2.8	24
22	Effect of Denosumab Compared With Risedronate on Bone Strength in Patients Initiating or Continuing Glucocorticoid Treatment. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1136-1146.	2.8	6
23	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.	2.8	98
24	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.	2.7	149
25	Selected serum microRNA, abdominal aortic calcification and risk of osteoporotic fracture. <i>PLoS ONE</i> , 2019, 14, e0216947.	2.5	15
26	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.	2.7	146
27	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.	2.8	16
28	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.	2.8	21
29	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.	2.2	10
30	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.	11.4	244
31	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.	11.4	148
32	Effects and management of denosumab discontinuation. <i>Joint Bone Spine</i> , 2018, 85, 515-517.	1.6	16
33	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.	0.0	0
34	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> , 2018, 13, 2.	2.4	9
35	Contribution of high resolution peripheral quantitative CT to the management of bone and joint diseases. <i>Joint Bone Spine</i> , 2018, 85, 301-306.	1.6	15
36	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.	3.4	25

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37	Long term prognosis of Scheuermann's disease: The association with fragility fracture - The MINOS cohort. <i>Bone</i> , 2018, 117, 116-122.	2.9	5
38	Least-detectable and age-related local in vivo bone remodelling assessed by time-lapse HR-pQCT. <i>PLoS ONE</i> , 2018, 13, e0191369.	2.5	28
39	Serum Sortilin Associates With Aortic Calcification and Cardiovascular Risk in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1005-1011.	2.4	44
40	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.	11.4	635
41	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.	2.8	111
42	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.	2.8	7
43	Ostéoporose et maladies cardiovasculaires ischémiques. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2017, 84, 117-122.	0.0	1
44	Osteoporosis and ischemic cardiovascular disease. <i>Joint Bone Spine</i> , 2017, 84, 427-432.	1.6	70
45	Older men with severe disc degeneration have more incident vertebral fractures—the prospective MINOS cohort study. <i>Rheumatology</i> , 2017, 56, 37-45.	1.9	6
46	Regional Differences in Incident Prefrailty and Frailty. <i>Journal of Women's Health</i> , 2017, 26, 992-998.	3.3	2
47	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.	2.5	14
48	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, 1158-1166.	2.8	69
49	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, 1466-1472.	2.8	29
50	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, 940-948.	2.8	508
51	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.	2.8	37
52	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.	2.9	57
53	High Kellgren-Lawrence Grade and Bone Marrow Lesions Predict Worsening Rates of Radiographic Joint Space Narrowing; The SEKIOA Study. <i>Journal of Rheumatology</i> , 2016, 43, 657-665.	2.0	16
54	Novel biological markers of bone: from bone metabolism to bone physiology. <i>Rheumatology</i> , 2016, 55, 1714-1725.	1.9	81

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55	Cathepsin K inhibitors and antisclerostin antibodies. The next treatments for osteoporosis?. <i>Joint Bone Spine</i> , 2016, 83, 254-256.	1.6	8
56	In vivo evaluation of bone microstructure in humans: Clinically useful?. <i>BoneKey Reports</i> , 2016, 5, 813.	2.7	8
57	Erosion or Vascular Channel?. <i>Arthritis and Rheumatology</i> , 2015, 67, 2956-2956.	5.6	12
58	Odanacatib: a review of its potential in the management of osteoporosis in postmenopausal women. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2015, 7, 103-109.	2.7	48
59	Trabecular Bone Score: Where are we now?. <i>Joint Bone Spine</i> , 2015, 82, 320-325.	1.6	45
60	Transient improvement of severe pain from fibrous dysplasia of bone with denosumab treatment. <i>Joint Bone Spine</i> , 2014, 81, 549-550.	1.6	37
61	Treatment of postmenopausal osteoporosis with odanacatib. <i>Expert Opinion on Pharmacotherapy</i> , 2014, 15, 559-564.	1.8	12
62	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, 147-157.	2.9	80
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, 1786-1794.	2.8	58
64	Risedronate Slows or Partly Reverses Cortical and Trabecular Microarchitectural Deterioration in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 380-388.	2.8	37
65	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, 275-283.	3.7	27
66	Association Between Sex Steroid Levels and Bone Microarchitecture in Men: The STRAMBO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1400-1410.	3.6	32
67	Bone remodelling in humans is load-driven but not lazy. <i>Nature Communications</i> , 2014, 5, 4855.	12.8	212
68	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, 1828-1842.	2.6	57
69	High-resolution in vivo imaging of bone and joints: a window to microarchitecture. <i>Nature Reviews Rheumatology</i> , 2014, 10, 304-313.	8.0	103
70	Emerging drugs for osteoporosis. <i>Expert Opinion on Emerging Drugs</i> , 2014, 19, 385-395.	2.4	19
71	Paradoxical psoriatic arthritis in a patient with rheumatoid arthritis treated by TNF $\alpha$ blocker. <i>Joint Bone Spine</i> , 2014, 81, 455-456.	1.6	9
72	Successful treatment of Erdheim-Chester disease by interleukin-1 receptor antagonist protein. <i>Joint Bone Spine</i> , 2014, 81, 175-177.	1.6	26

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73	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, 4727-4735.	3.6	50
74	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, 169-178.	2.8	50
75	Contribution and limitations of the FRAX <sup>®</sup> tool. <i>Joint Bone Spine</i> , 2013, 80, 355-357.	1.6	14
76	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, 571-580.	3.6	119
77	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, 1084-1092.	3.6	58
78	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, 855-864.	2.8	59
79	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, 524-536.	2.8	98
80	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.	2.5	63
81	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, 735-741.	3.7	37
82	Bone micromechanical properties are compromised during long-term alendronate therapy independently of mineralization. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 825-834.	2.8	96
83	2012 update of French guidelines for the pharmacological treatment of postmenopausal osteoporosis. <i>Joint Bone Spine</i> , 2012, 79, 304-313.	1.6	166
84	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.	2.8	290
85	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, 965-973.	2.8	126
86	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, 1358-1367.	2.8	94
87	Predicting fractures in an international cohort using risk factor algorithms without BMD. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2770-2777.	2.8	58
88	Modifications of bone material properties in postmenopausal osteoporotic women long-term treated with alendronate. <i>European Journal of Endocrinology</i> , 2011, 165, 647-655.	3.7	47
89	The Ratio 1660/1690 cm <sup>-1</sup> Measured by Infrared Microspectroscopy Is Not Specific of Enzymatic Collagen Cross-Links in Bone Tissue. <i>PLoS ONE</i> , 2011, 6, e28736.	2.5	74
90	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, 2101-2107.	2.8	91

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91	Association between bone turnover rate and bone microarchitecture in men: The STRAMBO study. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2313-2323.	2.8	67
92	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, 1030-1037.	2.9	153
93	Treatment of osteoporosis with annual iv zoledronic acid: effects on hip fracture. <i>Therapeutics and Clinical Risk Management</i> , 2009, 5, 169.	2.0	3
94	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, 1076-1083.	2.8	56
95	Fibrous dysplasia of bone and McCune-Albright syndrome. <i>Best Practice and Research in Clinical Rheumatology</i> , 2008, 22, 55-69.	3.3	186
96	Single annual injectable treatment for postmenopausal osteoporosis. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 583-591.	5.0	2
97	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, 1502-1509.	2.8	135
98	Medical Therapy in Adults With Fibrous Dysplasia of Bone. <i>Journal of Bone and Mineral Research</i> , 2006, 21, P114-P119.	2.8	120
99	Review of ibandronate in the treatment of osteoporosis. <i>Expert Opinion on Pharmacotherapy</i> , 2003, 4, 391-396.	1.8	6
100	Fibrous dysplasia of bone. <i>Best Practice and Research in Clinical Rheumatology</i> , 2000, 14, 385-398.	3.3	96
101	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, 1835-1841.	2.8	94
102	Long-Term Effects of Intravenous Pamidronate in Fibrous Dysplasia of Bone. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 1746-1752.	2.8	208