

Emmanuel Biver

List of Publications by Year in descending order

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46
papers

2,559
citations

279798

23
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

3495
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcopenia: burden and challenges for public health. Archives of Public Health, 2014, 72, 45.	2.4	317
2	Quality of Life in Sarcopenia and Frailty. Calcified Tissue International, 2013, 93, 101-120.	3.1	310
3	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. Lancet Diabetes and Endocrinology, the, 2019, 7, 34-43.	11.4	244
4	RANKL inhibition improves muscle strength and insulin sensitivity and restores bone mass. Journal of Clinical Investigation, 2019, 129, 3214-3223.	8.2	182
5	Quality of life assessment in musculo-skeletal health. Aging Clinical and Experimental Research, 2018, 30, 413-418.	2.9	144
6	Peripheral skeleton bone strength is positively correlated with total and dairy protein intakes in healthy postmenopausal women. American Journal of Clinical Nutrition, 2017, 105, 513-525.	4.7	107
7	Gut microbiota and osteoarthritis management: An expert consensus of the European society for clinical and economic aspects of osteoporosis, osteoarthritis and musculoskeletal diseases (ESCEO). Ageing Research Reviews, 2019, 55, 100946.	10.9	103
8	Benefits and safety of dietary protein for bone health – an expert consensus paper endorsed by the European Society for Clinical and Economical Aspects of Osteoporosis, Osteoarthritis, and Musculoskeletal Diseases and by the International Osteoporosis Foundation. Osteoporosis International, 2018, 29, 1933-1948.	3.1	98
9	Nutritional intake and bone health. Lancet Diabetes and Endocrinology, the, 2021, 9, 606-621.	11.4	98
10	Development of a self-administrated quality of life questionnaire for sarcopenia in elderly subjects: the SarQoL. Age and Ageing, 2015, 44, 960-966.	1.6	89
11	Evaluation of Radius Microstructure and Areal Bone Mineral Density Improves Fracture Prediction in Postmenopausal Women. Journal of Bone and Mineral Research, 2018, 33, 328-337.	2.8	81
12	Low Lean Mass Predicts Incident Fractures Independently From FRAX: a Prospective Cohort Study of Recent Retirees. Journal of Bone and Mineral Research, 2016, 31, 2048-2056.	2.8	80
13	Determinants, consequences and potential solutions to poor adherence to anti-osteoporosis treatment: results of an expert group meeting organized by the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO) and the International Osteoporosis Foundation (IOF). Osteoporosis International, 2019, 30, 2155-2165.	3.1	69
14	Effects of Fermented Milk Products on Bone. Calcified Tissue International, 2018, 102, 489-500.	3.1	57
15	Are Probiotics the New Calcium and Vitamin D for Bone Health?. Current Osteoporosis Reports, 2020, 18, 273-284.	3.6	50
16	Fermented dairy products consumption is associated with attenuated cortical bone loss independently of total calcium, protein, and energy intakes in healthy postmenopausal women. Osteoporosis International, 2018, 29, 1771-1782.	3.1	46
17	Prior ankle fractures in postmenopausal women are associated with low areal bone mineral density and bone microstructure alterations. Osteoporosis International, 2015, 26, 2147-2155.	3.1	40
18	Management of patients at very high risk of osteoporotic fractures through sequential treatments. Aging Clinical and Experimental Research, 2022, 34, 695-714.	2.9	33

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19	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. <i>Osteoporosis International</i> , 2022, 33, 2103-2136.	3.1	33
20	Bone health in HIV and hepatitis B or C infections. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2017, 9, 22-34.	2.7	32
21	Crosstalk between tyrosine kinase receptors, GSK3 and BMP2 signaling during osteoblastic differentiation of human mesenchymal stem cells. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 120-130.	3.2	31
22	Additive Genetic Effects on Circulating Periostin Contribute to the Heritability of Bone Microstructure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1014-E1021.	3.6	27
23	Perspectives on the non-invasive evaluation of femoral strength in the assessment of hip fracture risk. <i>Osteoporosis International</i> , 2020, 31, 393-408.	3.1	27
24	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
25	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.	3.1	23
26	Serum Levels of a Cathepsin-K Generated Periostin Fragment Predict Incident Low-Trauma Fractures in Postmenopausal Women Independently of BMD and FRAX. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2232-2238.	2.8	21
27	Associations between radius low-frequency axial ultrasound velocity and bone fragility in elderly men and women. <i>Osteoporosis International</i> , 2019, 30, 411-421.	3.1	21
28	Interaction between LRP5 and periostin gene polymorphisms on serum periostin levels and cortical bone microstructure. <i>Osteoporosis International</i> , 2018, 29, 339-346.	3.1	20
29	Adapting palliative radiation therapy for bone metastases during the Covid-19 pandemic: GEMO position paper. <i>Journal of Bone Oncology</i> , 2020, 22, 100291.	2.4	19
30	Thrombin generation and fibrin clot structure after vitamin D supplementation. <i>Endocrine Connections</i> , 2019, 8, 1447-1454.	1.9	19
31	Osteoporosis and HIV Infection. <i>Calcified Tissue International</i> , 2022, 110, 624-640.	3.1	19
32	Microstructural alterations of trabecular and cortical bone in long-term HIV-infected elderly men on successful antiretroviral therapy. <i>Aids</i> , 2014, 28, 2417-2427.	2.2	17
33	Outcome Priorities for Older Persons With Sarcopenia. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 267-271.e2.	2.5	13
34	Interactions of the microbiome with pharmacological and non-pharmacological approaches for the management of ageing-related musculoskeletal diseases. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2021, 13, 1759720X2110090.	2.7	10
35	Associations between age-related changes in bone microstructure and strength and dietary acid load in a cohort of community-dwelling, healthy men and postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1120-1131.	4.7	9
36	RANKL-Induced Increase in Cathepsin K Levels Restricts Cortical Expansion in a Periostin-Dependent Fashion: A Potential New Mechanism of Bone Fragility. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1636-1645.	2.8	8

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37	Fracture Risk Following an Atypical Femoral Fracture. Journal of Bone and Mineral Research, 2020, 37, 87-94.	2.8	8
38	Within and across-sex inheritance of bone microarchitecture. Journal of Clinical Endocrinology and Metabolism, 2016, 102, jc.2016-2804.	3.6	7
39	Occupation-dependent loading increases bone strength in men. Osteoporosis International, 2016, 27, 1169-1179.	3.1	6
40	Associations of Calcium Intake and Calcium from Various Sources with Blood Lipids in a Population of Older Women and Men with High Calcium Intake. Nutrients, 2022, 14, 1314.	4.1	6
41	A Novel HR-pQCT Image Registration Approach Reveals Sex-Specific Changes in Cortical Bone Retraction With Aging. Journal of Bone and Mineral Research, 2020, 36, 1351-1363.	2.8	5
42	Prevalence of Low Serum Alkaline Phosphatase and Hypophosphatasia in Adult Patients with Atypical Femur Fractures. Calcified Tissue International, 2022, 110, 703-711.	3.1	3
43	<i>ALPL</i> Genotypes in Patients With Atypical Femur Fractures or Other Biochemical and Clinical Signs of Hypophosphatasia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2087-e2094.	3.6	2
44	Reply to "Antiretroviral therapy options in people living with HIV at risk of or with osteoporosis. Comment on: Diagnosis, prevention, and treatment of bone fragility in people living with HIV: a position statement from the Swiss Association against Osteoporosis" by S. Noe, H. Jaeger, E. Wolf. Osteoporosis International, 2019, 30, 1707-1707.	3.1	0
45	Noninvasive imaging techniques and fracture risk assessment. , 2021, , 1535-1543.		0
46	Reliability and validity of an adapted hip abductor strength measure as a potential new fall risk assessment for older persons: a study protocol. BMC Geriatrics, 2021, 21, 110.	2.7	0