MichaÃ«l Laurent

List of Publications by Year
in descending order

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Version: 2024-02-01

99 papers	4,262 citations	147726 31 h-index	118793 62 g-index
109 all docs	109 docs citations	109 times ranked	6185 citing authors

#	Article	IF	Citations
1	Estrogens and Androgens in Skeletal Physiology and Pathophysiology. Physiological Reviews, 2017, 97, 135-187.	13.1	541
2	Seeking Health Information Online: Does Wikipedia Matter?. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 471-479.	2.2	251
3	Sex Steroid Actions in Male Bone. Endocrine Reviews, 2014, 35, 906-960.	8.9	239
4	Sarcopenia and its relationship with bone mineral density in middle-aged and elderly European men. Osteoporosis International, 2013, 24, 87-98.	1.3	236
5	Wikipedia: A Key Tool for Global Public Health Promotion. Journal of Medical Internet Research, 2011, 13, e14.	2.1	185
6	Androgens and skeletal muscle: cellular and molecular action mechanisms underlying the anabolic actions. Cellular and Molecular Life Sciences, 2012, 69, 1651-1667.	2.4	142
7	Frailty and Mortality in Hospitalized Older Adults With COVID-19: Retrospective Observational Study. Journal of the American Medical Directors Association, 2020, 21, 928-932.e1.	1.2	137
8	Low Free Testosterone Is Associated with Hypogonadal Signs and Symptoms in Men with Normal Total Testosterone. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2647-2657.	1.8	129
9	Sex hormone-binding globulin regulation of androgen bioactivity in vivo: validation of the free hormone hypothesis. Scientific Reports, 2016, 6, 35539.	1.6	116
10	Structural basis for nuclear hormone receptor DNA binding. Molecular and Cellular Endocrinology, 2012, 348, 411-417.	1.6	115
11	Muscle-bone interactions: From experimental models to the clinic? A critical update. Molecular and Cellular Endocrinology, 2016, 432, 14-36.	1.6	115
12	Androgen Regulation of the TMPRSS2 Gene and the Effect of a SNP in an Androgen Response Element. Molecular Endocrinology, 2013, 27, 2028-2040.	3.7	113
13	A satellite cellâ€specific knockout of the androgen receptor reveals myostatin as a direct androgen target in skeletal muscle. FASEB Journal, 2014, 28, 2979-2994.	0.2	100
14	Associations Between Sex Steroids and the Development of Metabolic Syndrome: A Longitudinal Study in European Men. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1396-1404.	1.8	97
15	Androgen receptor (AR) in osteocytes is important for the maintenance of male skeletal integrity: Evidence from targeted AR disruption in mouse osteocytes. Journal of Bone and Mineral Research, 2012, 27, 2535-2543.	3.1	93
16	Musculoskeletal Frailty: A Geriatric Syndrome at the Core of Fracture Occurrence in Older Age. Calcified Tissue International, 2012, 91, 161-177.	1.5	78
17	Androgen Deficiency Exacerbates High-Fat Diet-Induced Metabolic Alterations in Male Mice. Endocrinology, 2016, 157, 648-665.	1.4	78
18	Age-related bone loss and sarcopenia in men. Maturitas, 2019, 122, 51-56.	1.0	77

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19	Endocrine determinants of incident sarcopenia in middle-aged and elderly European men. Journal of Cachexia, Sarcopenia and Muscle, 2015, 6, 242-252.	2.9	68
20	How to manage osteoporosis before the age of 50. Maturitas, 2020, 138, 14-25.	1.0	63
21	Active Vitamin D (1,25-Dihydroxyvitamin D) and Bone Health in Middle-Aged and Elderly Men: The European Male Aging Study (EMAS). Journal of Clinical Endocrinology and Metabolism, 2013, 98, 995-1005.	1.8	61
22	Bone mineral density, bone turnover markers, andÂincident fractures in de novo kidney transplantÂrecipients. Kidney International, 2019, 95, 1461-1470.	2.6	61
23	Effects of Orthogeriatric Care Models on Outcomes of Hip Fracture Patients: A Systematic Review and Meta-Analysis. Calcified Tissue International, 2022, 110, 162-184.	1.5	57
24	Androgens and estrogens in skeletal sexual dimorphism. Asian Journal of Andrology, 2014, 16, 213.	0.8	56
25	MALT1 and BCL10 aberrations in MALT lymphomas and their effect on the expression of BCL10 in the tumour cells. Modern Pathology, 2006, 19, 225-232.	2.9	53
26	Poor Vitamin K Status Is Associated With Low Bone Mineral Density and Increased Fracture Risk in End-Stage Renal Disease. Journal of Bone and Mineral Research, 2019, 34, 262-269.	3.1	51
27	Osteoporosis in older men: Recent advances inÂpathophysiology and treatment. Best Practice and Research in Clinical Endocrinology and Metabolism, 2013, 27, 527-539.	2.2	46
28	Testosterone boosts physical activity in male mice via dopaminergic pathways. Scientific Reports, 2018, 8, 957.	1.6	43
29	Interdisciplinary management of FGF23-related phosphate wasting syndromes: a Consensus Statement on the evaluation, diagnosis and care of patients with X-linked hypophosphataemia. Nature Reviews Endocrinology, 2022, 18, 366-384.	4.3	42
30	Age-related changes in female mouse cortical bone microporosity. Bone, 2018, 113, 1-8.	1.4	41
31	The Belgian Bone Club 2020 guidelines for the management of osteoporosis in postmenopausal women. Maturitas, 2020, 139, 69-89.	1.0	41
32	Enobosarm (GTx-024) Modulates Adult Skeletal Muscle Mass Independently of the Androgen Receptor in the Satellite Cell Lineage. Endocrinology, 2015, 156, 4522-4533.	1.4	39
33	The androgen receptor has no direct antiresorptive actions in mouse osteoclasts. Molecular and Cellular Endocrinology, 2015, 411, 198-206.	1.6	34
34	Androgens Inhibit the Osteogenic Response to Mechanical Loading in Adult Male Mice. Endocrinology, 2015, 156, 1343-1353.	1.4	34
35	Update on the role of bone biopsy in the management of patients with CKDâ€“MBD. Journal of Nephrology, 2017, 30, 645-652.	0.9	31
36	Androgens have antiresorptive effects on trabecular disuse osteopenia independent from muscle atrophy. Bone, 2016, 93, 33-42.	1.4	29

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37	Lower bone turnover and relative bone deficits in men with metabolic syndrome: a matter of insulin sensitivity? The European Male Ageing Study. Osteoporosis International, 2016, 27, 3227-3237.	1.3	29
38	Genetic analysis of adults heterozygous for ALPL mutations. Journal of Bone and Mineral Metabolism, 2018, 36, 723-733.	1.3	29
39	Prevention and Treatment of Glucocorticoid-Induced Osteoporosis in Adults: Consensus Recommendations From the Belgian Bone Club. Frontiers in Endocrinology, 0, 13, .	1.5	29
40	Functional effects of sex hormone-binding globulin variants. Nature Reviews Endocrinology, 2014, 10, 516-517.	4.3	28
41	Accuracy and reproducibility of mouse cortical bone microporosity as quantified by desktop microcomputed tomography. PLoS ONE, 2017, 12, e0182996.	1.1	27
42	Consensus Recommendations for the Diagnosis and Management of X-Linked Hypophosphatemia in Belgium. Frontiers in Endocrinology, 2021, 12, 641543.	1.5	26
43	Effects of sex hormone-binding globulin (SHBG) on androgen bioactivity inÂvitro. Molecular and Cellular Endocrinology, 2016, 437, 280-291.	1.6	23
44	Medical journals and Wikipedia: a global health matter. The Lancet Global Health, 2016, 4, e791.	2.9	21
45	Natural history of mineral metabolism, bone turnover and bone mineral density in de novo renal transplant recipients treated with a steroid minimization immunosuppressive protocol. Nephrology Dialysis Transplantation, 2020, 35, 697-705.	0.4	21
46	Hypophosphatasia in Adults: Clinical Spectrum and Its Association With Genetics and Metabolic Substrates. Journal of Clinical Densitometry, 2020, 23, 340-348.	0.5	20
47	Prognostic Value and Reproducibility of AI-assisted Analysis of Lung Involvement in COVID-19 at Low-Dose Submillisievert Chest CT: Sample Size Implications for Clinical Trials. Radiology: Cardiothoracic Imaging, 2020, 2, e200441.	0.9	19
48	Characteristics and Outcomes of Patients With Frailty Admitted to ICU With Coronavirus Disease 2019: An Individual Patient Data Meta-Analysis. , 2022, 4, e0616.		18
49	Testosterone Treatment in Older Men. New England Journal of Medicine, 2016, 375, 88-90.	13.9	17
50	Free Testosterone Reflects Metabolic as well as Ovarian Disturbances in Subfertile Oligomenorrheic Women. International Journal of Endocrinology, 2018, 2018, 1-8.	0.6	17
51	Glycemia but not the Metabolic Syndrome is Associated with Cognitive Decline: Findings from the European Male Ageing Study. American Journal of Geriatric Psychiatry, 2017, 25, 662-671.	0.6	16
52	Internet use for health information among haematology outpatients: A cross-sectional survey*. Informatics for Health and Social Care, 2012, 37, 62-73.	1.4	15
53	A shortened tamoxifen induction scheme to induce CreER recombinase without side effects on the male mouse skeleton. Molecular and Cellular Endocrinology, 2017, 452, 57-63.	1.6	15
54	Bone turnover predicts change in volumetric bone density and bone geometry at the radius in men. Osteoporosis International, 2017, 28, 935-944.	1.3	15

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55	Androgen Receptor in Neurons Slows Age-Related Cortical Thinning in Male Mice. Journal of Bone and Mineral Research, 2019, 34, 508-519.	3.1	15
56	Androgen and estrogen actions on male physical activity: a story beyond muscle. Journal of Endocrinology, 2018, 238, R31-R52.	1.2	13
57	Association of orthogeriatric care models with evaluation and treatment of osteoporosis: a systematic review and meta-analysis. Osteoporosis International, 2020, 31, 2083-2092.	1.3	13
58	Bone turnover markers predict hip bone loss in elderly European men: results of the European Male Ageing Study (EMAS). Osteoporosis International, 2015, 26, 617-627.	1.3	12
59	Independent External Validation of <scp>FRAX</scp> and Garvan Fracture Risk Calculators: A Subâ€study of the <scp>FRISBEE</scp> Cohort. JBMR Plus, 2021, 5, e10532.	1.3	12
60	Monitors to improve indoor air carbon dioxide concentrations in the hospital: A randomized crossover trial. Science of the Total Environment, 2022, 806, 151349.	3.9	12
61	Estradiol and Age-Related Bone Loss in Men. Physiological Reviews, 2018, 98, 1-1.	13.1	10
62	Rebound-associated vertebral fractures after stopping denosumab: Report of four cases. Joint Bone Spine, 2020, 87, 171-173.	0.8	8
63	Epidemiology and secular trends of pelvic fractures in Belgium: A retrospective, population-based, nationwide observational study. Bone, 2021, 153, 116141.	1.4	8
64	Pitfalls in the diagnosis and management of transient synovitis of the hip: a retrospective case-note analysis. Archives of Disease in Childhood, 2008, 93, 451-452.	1.0	7
65	Hypervitaminosis D Associated With Tanning Bed Use: A Case Report. Annals of Internal Medicine, 2017, 166, 155.	2.0	7
66	Myostatin: A Powerful Biomarker for Sarcopenia and Frailty?. Gerontology, 2019, 65, 383-384.	1.4	7
67	Early effects of androgen deprivation on bone and mineral homeostasis in adult men: a prospective cohort study. European Journal of Endocrinology, 2020, 183, 181-189.	1.9	6
68	Response to the comment on: Effects of Orthogeriatric Care Models on Outcomes of Hip Fracture Patients: A Systematic Review and Meta-Analysis. Calcified Tissue International, 2022, 110, 761-763.	1.5	6
69	Estrogens, the be-all and end-all of male hypogonadal bone loss?. Osteoporosis International, 2015, 26, 29-33.	1.3	5
70	Rebound-associated vertebral fractures after denosumab discontinuation in a lung cancer patient with bone metastases. Bone Reports, 2022, 16, 101582.	0.2	5
71	Vertebral fractures after denosumab cessation. Cleveland Clinic Journal of Medicine, 2020, 87, 337-338.	0.6	4
72	Bariatric surgery: give more weight to bone loss. BMJ, The, 2014, 349, g6189-g6189.	3.0	3

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73	Bone disorders: Mechanisms and targets. Molecular and Cellular Endocrinology, 2016, 432, 1-2.	1.6	3
74	Wikipedia, The Free Online Medical Encyclopedia Anyone Can Plagiarize: Time to Address Wiki-Plagiarism. Publishing Research Quarterly, 2020, 36, 399-402.	0.4	3
75	Problems with the diagnostic algorithm for hypercalcaemia. BMJ, The, 2015, 350, h3655.	3.0	2
76	Osteoporosis in men: what is similar and what is different?. , 2021, , 589-632.		2
77	Overview of fracture liaison services in the UK and Europe: standards, model of care, funding, and challenges. OTA International the Open Access Journal of Orthopaedic Trauma, 2022, 5, e198.	0.4	2
78	Monitoring excess mortality in Europe. BMJ, The, 2013, 347, f5568-f5568.	3.0	1
79	Treatment of Osteoporotic Vertebral Fractures. JAMA Internal Medicine, 2014, 174, 641.	2.6	1
80	Low free testosterone is associated with hypogonadal signs and symptoms in men with normal total testosterone levels: results from the European Male Ageing Study. Archives of Public Health, 2015, 73, .	1.0	1
81	An Alternative Cause of Bile Duct Obstruction. Gastroenterology, 2019, 156, e4-e5.	0.6	1
82	Give Your Geriatric Patients <scp>FAST HUGS BID</scp>. Journal of the American Geriatrics Society, 2020, 68, E33-E35.	1.3	1
83	Vitamin D and Bone Health: Basic and Clinical Aspects. Contemporary Endocrinology, 2020, , 71-87.	0.3	1
84	Incidence of Atrial Fibrillation Among Aging Runners. Archives of Internal Medicine, 2009, 169, 719.	4.3	0
85	Periodontitis: bad medicine?. BMJ, The, 2014, 348, g3219-g3219.	3.0	0
86	â€˜Fracture incidence after 3 years of aromatase inhibitor therapyâ€™. Annals of Oncology, 2014, 25, 1665-1666.	0.6	0
87	Bone: best papers of the year 2017. Archives of Osteoporosis, 2018, 13, 29.	1.0	0
88	FP604 BONE MINERAL DENSITY, BONE TURNOVER AND PREVALENT AND INCIDENT FRACTURES IN DE NOVO RENAL TRANSPLANT RECIPIENTS. Nephrology Dialysis Transplantation, 2018, 33, i245-i246.	0.4	0
89	FP715REMODELING ACTIVTY IS THE MAIN DRIVER OF BONE MINERAL DENSITY CHANGES IN DE NOVO RENAL TRANSPLANT RECIPIENTS. Nephrology Dialysis Transplantation, 2018, 33, i286-i287.	0.4	0
90	FP627POOR VITAMIN K STATUS ASSOCIATES WITH LOW AREAL BONE MINERAL DENSITY AND PREDICTS FRACTURES IN DE NOVO RENAL TRANSPLANT RECIPIENTS. Nephrology Dialysis Transplantation, 2018, 33, i254-i254.	0.4	0

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91	Reply to: Poor Vitamin K Status in Chronic Kidney Disease: An Indirect Indicator of Hip Fragility. Journal of Bone and Mineral Research, 2019, 34, 1544-1545.	3.1	0
92	Role of Estrogens and Androgens in Osteoporosis. , 2019, , 233-245.		0
93	Fractures vertÃ©brales associÃ©es Ã lâ€™effet rebond de lâ€™arrÃªt du dÃ©nosumabÂ: quatre cas. Revue Du Rhumatisme (Edition Francaise), 2020, 87, 406-408.	0.0	0
94	Frailty and mortality in patients with COVID-19. Lancet Public Health, The, 2020, 5, e579.	4.7	0
95	Selective and Classical Androgen Response Elements in Androgen-Regulated Gene Expression. , 2013, , 13-27.		0
96	Low free testosterone is associated with hypogonadal symptoms in men with normal total testosterone levels: results from the European Male Ageing Study. Endocrine Abstracts, 0, , .	0.0	0
97	Sex steroid deficiency alters renal calcium transporter expression independently of its effect on bone resorption. Endocrine Abstracts, 0, , .	0.0	0
98	Control of androgen bioactivity by sex hormone-binding globulin. Endocrine Abstracts, 0, , .	0.0	0
99	Acute gastrointestinal bleeding from a chronic cause: a teaching case report. WikiJournal of Medicine, 2017, 4, .	1.0	0