# Michal Laurent

## List of Publications by Citations



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|---|---|---|---|
| 93 papers | 2,898 citations | 27 h-index | 53 g-index |
| 109 ext. papers | 3,571 ext. citations | 7 avg, IF | 5.1 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 93 | Estrogens and Androgens in Skeletal Physiology and Pathophysiology. *Physiological Reviews*, **2017**, 97, 135-187 | 47.9 | 349 |
| 92 | Sex steroid actions in male bone. *Endocrine Reviews*, **2014**, 35, 906-60 | 27.2 | 192 |
| 91 | Sarcopenia and its relationship with bone mineral density in middle-aged and elderly European men. *Osteoporosis International*, **2013**, 24, 87-98 | 5.3 | 190 |
| 90 | Seeking health information online: does Wikipedia matter?. *Journal of the American Medical Informatics Association: JAMIA*, **2009**, 16, 471-9 | 8.6 | 188 |
| 89 | Wikipedia: a key tool for global public health promotion. *Journal of Medical Internet Research*, **2011**, 13, e14 | 7.6 | 144 |
| 88 | Androgens and skeletal muscle: cellular and molecular action mechanisms underlying the anabolic actions. *Cellular and Molecular Life Sciences*, **2012**, 69, 1651-67 | 10.3 | 109 |
| 87 | Low Free Testosterone Is Associated with Hypogonadal Signs and Symptoms in Men with Normal Total Testosterone. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 2647-57 | 5.6 | 100 |
| 86 | 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 | 5.9 | 94 |
| 85 | Structural basis for nuclear hormone receptor DNA binding. *Molecular and Cellular Endocrinology*, **2012**, 348, 411-7 | 4.4 | 92 |
| 84 | Muscle-bone interactions: From experimental models to the clinic? A critical update. *Molecular and Cellular Endocrinology*, **2016**, 432, 14-36 | 4.4 | 85 |
| 83 | Androgen regulation of the TMPRSS2 gene and the effect of a SNP in an androgen response element. *Molecular Endocrinology*, **2013**, 27, 2028-40 | | 85 |
| 82 | 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, 2535-43 | 6.3 | 77 |
| 81 | A satellite cell-specific knockout of the androgen receptor reveals myostatin as a direct androgen target in skeletal muscle. *FASEB Journal*, **2014**, 28, 2979-94 | 0.9 | 73 |
| 80 | Associations between sex steroids and the development of metabolic syndrome: a longitudinal study in European men. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 1396-404 | 5.6 | 73 |
| 79 | Musculoskeletal frailty: a geriatric syndrome at the core of fracture occurrence in older age. *Calcified Tissue International*, **2012**, 91, 161-77 | 3.9 | 71 |
| 78 | Sex hormone-binding globulin regulation of androgen bioactivity in vivo: validation of the free hormone hypothesis. *Scientific Reports*, **2016**, 6, 35539 | 4.9 | 66 |
| 77 | 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 | 5.6 | 55 |

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| 76 | Androgen Deficiency Exacerbates High-Fat Diet-Induced Metabolic Alterations in Male Mice. *Endocrinology*, **2016**, 157, 648-65 | 4.8 | 50 |
| 75 | Endocrine determinants of incident sarcopenia in middle-aged and elderly European men. *Journal of Cachexia, Sarcopenia and Muscle*, **2015**, 6, 242-52 | 10.3 | 49 |
| 74 | MALT1 and BCL10 aberrations in MALT lymphomas and their effect on the expression of BCL10 in the tumour cells. *Modern Pathology*, **2006**, 19, 225-32 | 9.8 | 46 |
| 73 | Osteoporosis in older men: recent advances in pathophysiology and treatment. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2013**, 27, 527-39 | 6.5 | 41 |
| 72 | Androgens and estrogens in skeletal sexual dimorphism. *Asian Journal of Andrology*, **2014**, 16, 213-22 | 2.8 | 40 |
| 71 | Enobosarm (GTx-024) Modulates Adult Skeletal Muscle Mass Independently of the Androgen Receptor in the Satellite Cell Lineage. *Endocrinology*, **2015**, 156, 4522-33 | 4.8 | 33 |
| 70 | Age-related bone loss and sarcopenia in men. *Maturitas*, **2019**, 122, 51-56 | 5 | 31 |
| 69 | Bone mineral density, bone turnover markers, and incident fractures in de novo kidney transplant recipients. *Kidney International*, **2019**, 95, 1461-1470 | 9.9 | 31 |
| 68 | 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 | 6.3 | 30 |
| 67 | Age-related changes in female mouse cortical bone microporosity. *Bone*, **2018**, 113, 1-8 | 4.7 | 28 |
| 66 | Androgens inhibit the osteogenic response to mechanical loading in adult male mice. *Endocrinology* , **2015**, 156, 1343-53 | 4.8 | 27 |
| 65 | Testosterone boosts physical activity in male mice via dopaminergic pathways. *Scientific Reports*, **2018**, 8, 957 | 4.9 | 27 |
| 64 | The androgen receptor has no direct antiresorptive actions in mouse osteoclasts. *Molecular and Cellular Endocrinology*, **2015**, 411, 198-206 | 4.4 | 27 |
| 63 | Reproductive endocrinology: functional effects of sex hormone-binding globulin variants. *Nature Reviews Endocrinology*, **2014**, 10, 516-7 | 15.2 | 26 |
| 62 | Update on the role of bone biopsy in the management of patients with CKD-MBD. *Journal of Nephrology*, **2017**, 30, 645-652 | 4.8 | 24 |
| 61 | Androgens have antiresorptive effects on trabecular disuse osteopenia independent from muscle atrophy. *Bone*, **2016**, 93, 33-42 | 4.7 | 23 |
| 60 | 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 | 5.3 | 23 |
| 59 | Genetic analysis of adults heterozygous for ALPL mutations. *Journal of Bone and Mineral Metabolism*, **2018**, 36, 723-733 | 2.9 | 23 |

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| 58 | How to manage osteoporosis before the age of 50. *Maturitas*, **2020**, 138, 14-25 | 5 | 17 |
| 57 | Effects of sex hormone-binding globulin (SHBG) on androgen bioactivity in vitro. *Molecular and Cellular Endocrinology*, **2016**, 437, 280-291 | 4.4 | 17 |
| 56 | Medical journals and Wikipedia: a global health matter. *The Lancet Global Health*, **2016**, 4, e791 | 13.6 | 17 |
| 55 | Accuracy and reproducibility of mouse cortical bone microporosity as quantified by desktop microcomputed tomography. *PLoS ONE*, **2017**, 12, e0182996 | 3.7 | 14 |
| 54 | Internet use for health information among haematology outpatients: a cross-sectional survey. *Informatics for Health and Social Care*, **2012**, 37, 62-73 | 2.7 | 14 |
| 53 | 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 | 6.5 | 13 |
| 52 | Testosterone Treatment in Older Men. *New England Journal of Medicine*, **2016**, 375, 90 | 59.2 | 13 |
| 51 | The Belgian Bone Club 2020 guidelines for the management of osteoporosis in postmenopausal women. *Maturitas*, **2020**, 139, 69-89 | 5 | 12 |
| 50 | Hypophosphatasia in Adults: Clinical Spectrum and Its Association With Genetics and Metabolic Substrates. *Journal of Clinical Densitometry*, **2020**, 23, 340-348 | 3.5 | 12 |
| 49 | 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 | 4.4 | 11 |
| 48 | Androgen and estrogen actions on male physical activity: a story beyond muscle. *Journal of Endocrinology*, **2018**, 238, R31-R52 | 4.7 | 10 |
| 47 | Bone turnover predicts change in volumetric bone density and bone geometry at the radius in men. *Osteoporosis International*, **2017**, 28, 935-944 | 5.3 | 10 |
| 46 | 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 | 4.3 | 10 |
| 45 | Bone turnover markers predict hip bone loss in elderly European men: results of the European Male Ageing Study (EMAS). *Osteoporosis International*, **2015**, 26, 617-27 | 5.3 | 9 |
| 44 | Prognostic Value and Reproducibility of AI-assisted Analysis of Lung Involvement in COVID-19 on Low-Dose Submillisievert Chest CT: Sample Size Implications for Clinical Trials. *Radiology: Cardiothoracic Imaging*, **2020**, 2, e200441 | 8.3 | 9 |
| 43 | Androgen Receptor in Neurons Slows Age-Related Cortical Thinning in Male Mice. *Journal of Bone and Mineral Research*, **2019**, 34, 508-519 | 6.3 | 8 |
| 42 | Free Testosterone Reflects Metabolic as well as Ovarian Disturbances in Subfertile Oligomenorrheic Women. *International Journal of Endocrinology*, **2018**, 2018, 7956951 | 2.7 | 8 |
| 41 | Effects of Orthogeriatric Care Models on Outcomes of Hip Fracture Patients: A Systematic Review and Meta-Analysis. *Calcified Tissue International*, **2021**, 1 | 3.9 | 8 |

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| 40 | Association of orthogeriatric care models with evaluation and treatment of osteoporosis: a systematic review and meta-analysis. *Osteoporosis International*, **2020**, 31, 2083-2092 | 5.3 | 6 |
| 39 | Consensus Recommendations for the Diagnosis and Management of X-Linked Hypophosphatemia in Belgium. *Frontiers in Endocrinology*, **2021**, 12, 641543 | 5.7 | 6 |
| 38 | Hypervitaminosis D Associated With Tanning Bed Use: A Case Report. *Annals of Internal Medicine*, **2017**, 166, 155-156 | 8 | 5 |
| 37 | Pitfalls in the diagnosis and management of transient synovitis of the hip: a retrospective case-note analysis. *Archives of Disease in Childhood*, **2008**, 93, 451-2 | 2.2 | 5 |
| 36 | Estradiol and Age-Related Bone Loss in Men. *Physiological Reviews*, **2018**, 98, 1 | 47.9 | 5 |
| 35 | Characteristics and Outcomes of Patients With Frailty Admitted to ICU With Coronavirus Disease 2019: An Individual Patient Data Meta-Analysis. **2022**, 4, e0616 | | 3 |
| 34 | Monitors to improve indoor air carbon dioxide concentrations in the hospital: A randomized crossover trial. *Science of the Total Environment*, **2022**, 806, 151349 | 10.2 | 3 |
| 33 | 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 | 6.5 | 3 |
| 32 | Rickets and Osteomalacia **2018**, 684-694 | | 3 |
| 31 | Myostatin: A Powerful Biomarker for Sarcopenia and Frailty?. *Gerontology*, **2019**, 65, 383-384 | 5.5 | 2 |
| 30 | Bariatric surgery: give more weight to bone loss. *BMJ, The*, **2014**, 349, g6189 | 5.9 | 2 |
| 29 | Frailty and mortality in hospitalized older adults with COVID-19: retrospective observational study **2020**, | | 2 |
| 28 | Treatment of osteoporotic vertebral fractures. *JAMA Internal Medicine*, **2014**, 174, 641-2 | 11.5 | 1 |
| 27 | Monitoring excess mortality in Europe. *BMJ, The*, **2013**, 347, f5568 | 5.9 | 1 |
| 26 | Vertebral fractures after denosumab cessation. *Cleveland Clinic Journal of Medicine*, **2020**, 87, 337-338 | 2.8 | 1 |
| 25 | Wikipedia, the free online medical encyclopedia anyone can plagiarize? Time to address Wiki-plagiarism (Preprint) | | 1 |
| 24 | Vitamin D and Bone Health: Basic and Clinical Aspects. *Contemporary Endocrinology*, **2020**, 71-87 | 0.3 | 1 |
| 23 | Wikipedia, The Free Online Medical Encyclopedia Anyone Can Plagiarize: Time to Address Wiki-Plagiarism. *Publishing Research Quarterly*, **2020**, 36, 399-402 | 0.6 | 1 |

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| 22 | Rebound-associated vertebral fractures after stopping denosumab: Report of four cases. *Joint Bone Spine*, **2020**, 87, 171-173 | 2.9 | 1 |
| 21 | Independent External Validation of FRAX and Garvan Fracture Risk Calculators: A Sub-Study of the FRISBEE Cohort. *JBMR Plus*, **2021**, 5, e10532 | 3.9 | 1 |
| 20 | Epidemiology and secular trends of pelvic fractures in Belgium: A retrospective, population-based, nationwide observational study. *Bone*, **2021**, 153, 116141 | 4.7 | 1 |
| 19 | An Alternative Cause of Bile Duct Obstruction. *Gastroenterology*, **2019**, 156, e4-e5 | 13.3 | 0 |
| 18 | Problems with the diagnostic algorithm for hypercalcaemia. *BMJ, The*, **2015**, 350, h3655 | 5.9 | 0 |
| 17 | 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**, 1 | 3.9 | 0 |
| 16 | Osteoporosis in men: what is similar and what is different? **2021**, 589-632 | | 0 |
| 15 | Rebound-associated vertebral fractures after denosumab discontinuation in a lung cancer patient with bone metastases.. *Bone Reports*, **2022**, 16, 101582 | 2.6 | 0 |
| 14 | Role of Estrogens and Androgens in Osteoporosis **2019**, 233-245 | | |
| 13 | What Determines the Difference in DNA Binding Between the Androgen and the Glucocorticoid Receptors? **2015**, 59-72 | | |
| 12 | Frailty and mortality in patients with COVID-19. *Lancet Public Health, The*, **2020**, 5, e579 | 22.4 | |
| 11 | Give Your Geriatric Patients FAST HUGS BID. *Journal of the American Geriatrics Society*, **2020**, 68, E33-E35 | 5.6 | |
| 10 | Bone: best papers of the year 2017. *Archives of Osteoporosis*, **2018**, 13, 29 | 2.9 | |
| 9 | 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 | 6.3 | |
| 8 | Periodontitis: bad medicine?. *BMJ, The*, **2014**, 348, g3219 | 5.9 | |
| 7 | 'Fracture incidence after 3 years of aromatase inhibitor therapy'. *Annals of Oncology*, **2014**, 25, 1665-6 | 10.3 | |
| 6 | Nonmedical treatment of osteoporosis **2013**, 40-54 | | |
| 5 | Selective and Classical Androgen Response Elements in Androgen-Regulated Gene Expression **2013**, 13-27 | | |

# List of Publications

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|---|---|---|
| 4 | Fractures vertbrales associes ˆ lEffet rebond de lEarrt du dhosumab : quatre cas. *Revue Du Rhumatisme (Edition Francaise)*, **2020**, 87, 406-408 | 0.1 |
| 3 | FP604 BONE MINERAL DENSITY, BONE TURNOVER AND PREVALENT AND INCIDENT FRACTURES IN DE NOVO RENAL TRANSPLANT RECIPIENTS. *Nephrology Dialysis Transplantation*, **2018**, 33, i245-i246 | 4.3 |
| 2 | FP715REMODELING ACTIVTY IS THE MAIN DRIVER OF BONE MINERAL DENSITY CHANGES IN DE NOVO RENAL TRANSPLANT RECIPIENTS. *Nephrology Dialysis Transplantation*, **2018**, 33, i286-i287 | 4.3 |
| 1 | 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 | 4.3 |