Hartmut H Malluche

List of Publications by Year in descending order

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81 papers 12,907 citations

57758 44 h-index 82 g-index

83 all docs

83 docs citations

83 times ranked 9803 citing authors

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Low Turnover Renal Osteodystrophy With Abnormal Bone Quality and Vascular Calcification in Patients With Mild-to-Moderate CKD. Kidney International Reports, 2022, 7, 1016-1026. | 0.8 | 8 |
| 2 | Response to "Low turnover bone disease in early CKD stages― Kidney International Reports, 2022, , . | 0.8 | O |
| 3 | The Role of Alterations in Alpha-Klotho and FGF-23 in Kidney Transplantation and Kidney Donation. Frontiers in Medicine, 2022, 9, . | 2.6 | 6 |
| 4 | Bone Quality and Fractures in Women With Osteoporosis Treated With Bisphosphonates for 1 to 14 Years. JBMR Plus, 2021, 5, e10549. | 2.7 | 5 |
| 5 | Importance of bone turnover for therapeutic decisions in patients with CKD-MBD. Kidney International, 2021, 100, 502-505. | 5.2 | 10 |
| 6 | Biomarkers of Bone Turnover Identify Subsets of Chronic Kidney Disease Patients at Higher Risk for Fracture. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2903-e2911. | 3.6 | 13 |
| 7 | Longâ€term outcomes and management considerations after parathyroidectomy in the dialysis patient. Seminars in Dialysis, 2019, 32, 541-552. | 1.3 | 13 |
| 8 | Serum bone markers in ROD patients across the spectrum of decreases in GFR: Activin A increases before all other markers. Clinical Nephrology, 2019, 91, 222-230. | 0.7 | 24 |
| 9 | Sotatercept Safety and Effects onÂHemoglobin, Bone, and Vascular Calcification. Kidney International Reports, 2019, 4, 1585-1597. | 0.8 | 21 |
| 10 | A Survey Study of Self-Rated Patients' Knowledge About AKI in a Post-Discharge AKI Clinic. Canadian Journal of Kidney Health and Disease, 2019, 6, 205435811983070. | 1.1 | 19 |
| 11 | Two-year cortical and trabecular bone loss in CKD-5D: biochemical and clinical predictors. Osteoporosis International, 2018, 29, 125-134. | 3.1 | 27 |
| 12 | The activin receptor is stimulated in the skeleton, vasculature, heart, and kidney during chronic kidney disease. Kidney International, 2018, 93, 147-158. | 5.2 | 51 |
| 13 | Ligand trap of the activin receptor type IIA inhibits osteoclast stimulation of bone remodeling in diabetic mice with chronic kidney disease. Kidney International, 2017, 91, 86-95. | 5.2 | 45 |
| 14 | Higher mineralized bone volume is associated with a lower plain X-Ray vascular calcification score in hemodialysis patients. PLoS ONE, 2017, 12, e0179868. | 2.5 | 11 |
| 15 | Only minor differences in renal osteodystrophy features between wild-type and sclerostin knockout mice with chronic kidney disease. Kidney International, 2016, 90, 828-834. | 5.2 | 18 |
| 16 | Reduction of Dialysate Calcium Level Reduces Progression of Coronary Artery Calcification and Improves Low Bone Turnover in Patients on Hemodialysis. Journal of the American Society of Nephrology: JASN, 2016, 27, 2475-2486. | 6.1 | 65 |
| 17 | Diagnostic Accuracy of Bone Turnover Markers and Bone Histology in Patients With CKD Treated by Dialysis. American Journal of Kidney Diseases, 2016, 67, 559-566. | 1.9 | 218 |
| 18 | Diagnosis of low bone mass in CKD-5D patients. Clinical Nephrology, 2016, 85 (2016), 77-83. | 0.7 | 13 |

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|----|--|-----|-----------|
| 19 | Coronary artery calcification in CKD-5D †patients is tied to adverse cardiac function †and increased mortality. Clinical Nephrology, 2016, 86, 291-302. | 0.7 | 12 |
| 20 | Effects of Sucroferric Oxyhydroxide Compared to Lanthanum Carbonate and Sevelamer Carbonate on Phosphate Homeostasis and Vascular Calcifications in a Rat Model of Chronic Kidney Failure. BioMed Research International, 2015, 2015, 1-9. | 1.9 | 27 |
| 21 | SIRT6 deficiency culminates in low-turnover osteopenia. Bone, 2015, 81, 168-177. | 2.9 | 31 |
| 22 | Bone Alkaline Phosphatase Isoforms in Hemodialysis Patients With Low Versus Non-Low Bone Turnover: AÂDiagnostic TestÂStudy. American Journal of Kidney Diseases, 2015, 66, 99-105. | 1.9 | 29 |
| 23 | High Parathyroid Hormone Level and Osteoporosis Predict Progression of Coronary Artery Calcification in Patients on Dialysis. Journal of the American Society of Nephrology: JASN, 2015, 26, 2534-2544. | 6.1 | 74 |
| 24 | Bone Mineral Density and Serum Biochemical Predictors of Bone Loss in Patients with CKD on Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1254-1262. | 4.5 | 111 |
| 25 | Early chronic kidney disease–mineral bone disorder stimulates vascular calcification. Kidney International, 2014, 85, 142-150. | 5.2 | 178 |
| 26 | CKD-Induced Wingless/Integration 1 Inhibitors and Phosphorus Cause the CKD–Mineral and Bone Disorder. Journal of the American Society of Nephrology: JASN, 2014, 25, 1760-1773. | 6.1 | 144 |
| 27 | FGF-23 serum levels and bone histomorphometric results in adult patients with chronic kidney disease on dialysis. Clinical Nephrology, 2014, 82 (2014), 287-295. | 0.7 | 28 |
| 28 | Standardized nomenclature, symbols, and units for bone histomorphometry: A 2012 update of the report of the ASBMR Histomorphometry Nomenclature Committee. Journal of Bone and Mineral Research, 2013, 28, 2-17. | 2.8 | 2,023 |
| 29 | Evaluating bone quality in patients with chronic kidney disease. Nature Reviews Nephrology, 2013, 9, 671-680. | 9.6 | 67 |
| 30 | Low-Energy Fractures without Low T-Scores Characteristic of Osteoporosis. Journal of Bone and Joint Surgery - Series A, 2013, 95, e139. | 3.0 | 38 |
| 31 | Differences in Bone Quality in Low- and High-Turnover Renal Osteodystrophy. Journal of the American Society of Nephrology: JASN, 2012, 23, 525-532. | 6.1 | 116 |
| 32 | The link between bone and coronary calcifications in CKD-5 patients on haemodialysis. Nephrology Dialysis Transplantation, 2011, 26, 1010-1015. | 0.7 | 65 |
| 33 | Renal osteodystrophy in the first decade of the new millennium: Analysis of 630 bone biopsies in black and white patients. Journal of Bone and Mineral Research, 2011, 26, 1368-1376. | 2.8 | 265 |
| 34 | Sclerostin and Dickkopf-1 in Renal Osteodystrophy. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 877-882. | 4.5 | 210 |
| 35 | Intact PTH Combined With the PTH Ratio for Diagnosis of Bone Turnover in Dialysis Patients: A Diagnostic Test Study. American Journal of Kidney Diseases, 2010, 55, 897-906. | 1.9 | 38 |
| 36 | Bone disease after renal transplantation. Nature Reviews Nephrology, 2010, 6, 32-40. | 9.6 | 82 |

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| 37 | Relationship between Bone Histology and Markers of Bone and Mineral Metabolism in African-American Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1484-1493. | 4.5 | 40 |
| 38 | Low Bone Volumeâ€"A Risk Factor for Coronary Calcifications in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 450-455. | 4.5 | 95 |
| 39 | Bone Markers Predict Cardiovascular Events in Chronic Kidney Disease. Journal of Bone and Mineral Research, 2008, 23, 1850-1858. | 2.8 | 83 |
| 40 | Effects of Sevelamer Hydrochloride and Calcium Carbonate on Renal Osteodystrophy in Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2008, 19, 405-412. | 6.1 | 153 |
| 41 | Effects of Treatment of Renal Osteodystrophy on Bone Histology. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, S157-S163. | 4.5 | 41 |
| 42 | Bone biopsy in patients with osteoporosis. Current Osteoporosis Reports, 2007, 5, 146-152. | 3.6 | 18 |
| 43 | The importance of bone health in end-stage renal disease: out of the frying pan, into the fire?. Nephrology Dialysis Transplantation, 2004, 19, i9-i13. | 0.7 | 74 |
| 44 | Differences in bone turnover and intact PTH levels between African American and Caucasian patients with end-stage renal disease. Kidney International, 2003, 64, 737-742. | 5.2 | 58 |
| 45 | Prevention of Bone Loss in Renal Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2003, 14, 2669-2676. | 6.1 | 234 |
| 46 | Administration of PTH-(7-84) Antagonizes the Effects of PTH-(1-84) on Bone in Rats with Moderate Renal Failure. Endocrinology, 2003, 144, 1135-1138. | 2.8 | 96 |
| 47 | Aluminium and bone disease in chronic renal failure. Nephrology Dialysis Transplantation, 2002, 17, 21-24. | 0.7 | 118 |
| 48 | Management of hyperphosphataemia of chronic kidney disease: lessons from the past and future directions. Nephrology Dialysis Transplantation, 2002, 17, 1170-1175. | 0.7 | 44 |
| 49 | Use and indication of vitamin D and vitamin D analogues in patients with renal bone disease. Nephrology Dialysis Transplantation, 2002, 17, 6-9. | 0.7 | 16 |
| 50 | Update on vitamin D and its newer analogues: Actions and rationale for treatment in chronic renal failure. Kidney International, 2002, 62, 367-374. | 5.2 | 56 |
| 51 | Improved assessment of bone turnover by the PTH-(1-84)/large C-PTH fragments ratio in ESRD patients. Kidney International, 2001, 60, 1460-1468. | 5.2 | 226 |
| 52 | Parathyroid Hormone/Parathyroid Hormone-Related Peptide Type 1 Receptor in Human Bone. Journal of Bone and Mineral Research, 2001, 16, 448-456. | 2.8 | 55 |
| 53 | High Prevalence of Low Bone Turnover and Occurrence of Osteomalacia after Kidney Transplantation. Journal of the American Society of Nephrology: JASN, 2000, 11, 1093-1099. | 6.1 | 211 |
| 54 | 22-Oxacalcitriol suppresses secondary hyperparathyroidism without inducing low bone turnover in dogs with renal failure. Kidney International, 1999, 55, 821-832. | 5.2 | 52 |

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|----|---|-----|-----------|
| 55 | Intermittent and Continuous Administration of the Bisphosphonate Ibandronate in Ovariohysterectomized Beagle Dogs: Effects on Bone Morphometry and Mineral Properties. Journal of Bone and Mineral Research, 1999, 14, 1768-1778. | 2.8 | 87 |
| 56 | Calcitonin Alters Bone Quality in Beagle Dogs. Journal of Bone and Mineral Research, 1997, 12, 1936-1943. | 2.8 | 60 |
| 57 | Bone resorption and mRNA expression of IL-6 and IL-6 receptor in patients with renal osteodystrophy. Kidney International, 1996, 50, 515-520. | 5.2 | 57 |
| 58 | Calcitonin prevents bone loss but decreases osteoblastic activity in ovariohysterectomized beagle dogs. Journal of Bone and Mineral Research, 1996, 11, 446-455. | 2.8 | 25 |
| 59 | PREVENTION OF CANCELLOUS BONE LOSS BUT PERSISTENCE OF RENAL BONE DISEASE DESPITE NORMAL 1,25 VITAMIN D LEVELS TWO YEARS AFTER KIDNEY TRANSPLANTATION. Transplantation, 1995, 59, 1393-1400. | 1.0 | 65 |
| 60 | Predictive value of serum parathyroid hormone levels for bone turnover in patients on chronic maintenance dialysis. American Journal of Kidney Diseases, 1995, 26, 622-631. | 1.9 | 241 |
| 61 | Evidence for abnormal calcium homeostasis in patients with adynamic bone disease. Kidney International, 1994, 46, 855-861. | 5.2 | 296 |
| 62 | Calcitriol pulse therapy in patients with end-stage renal failure. Current Opinion in Nephrology and Hypertension, 1994, 3, 615-619. | 2.0 | 14 |
| 63 | Structural and cellular assessment of bone quality of proximal femur. Bone, 1993, 14, 231-242. | 2.9 | 704 |
| 64 | Renal Osteodystrophy Is a Multifaceted Disease with No Uniform Therapy. Seminars in Dialysis, 1993, 6, 210-214. | 1.3 | 3 |
| 65 | Isolation and complete amino acid sequence of osteocalcin from canine bone. Journal of Bone and Mineral Research, 1993, 8, 733-743. | 2.8 | 21 |
| 66 | A new bisphosphonate, BM 21.0955, prevents bone loss associated with cessation of ovarian function in experimental dogs. Journal of Bone and Mineral Research, 1993, 8, 1345-1355. | 2.8 | 53 |
| 67 | Bone changes occurring early after cessation of ovarian function in beagle dogs: A histomorphometric study employing sequential biopsies. Journal of Bone and Mineral Research, 1990, 5, 263-272. | 2.8 | 72 |
| 68 | Regulation of 25-hydroxyvitamin D3 metabolism in cultures of osteoblastic cells. Journal of Bone and Mineral Research, 1990, 5, 815-823. | 2.8 | 8 |
| 69 | 1,25(OH)2D3 administration in moderate renal failure: A prospective double-blind trial. Kidney International, 1989, 35, 661-669. | 5.2 | 156 |
| 70 | Aluminum-Related Bone Disease. Blood Purification, 1988, 6, 1-15. | 1.8 | 30 |
| 71 | Bone histomorphometry: Standardization of nomenclature, symbols, and units: Report of the asbmr histomorphometry nomenclature committee. Journal of Bone and Mineral Research, 1987, 2, 595-610. | 2.8 | 4,558 |
| 72 | Osteoblastic Insufficiency Is Responsible for Maintenance of Osteopenia after Loss of Ovarian Function in Experimental Beagle Dogs*. Endocrinology, 1986, 119, 2649-2654. | 2.8 | 91 |

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| 73 | Aluminum-Related Bone Disease in Mild and Advanced Renal Failure: Evidence for High Prevalence and Morbidity and Studies on Etiology and Diagnosis. American Journal of Nephrology, 1986, 6, 275-283. | 3.1 | 87 |
| 74 | 1,25-Dihydroxyvitamin D Maintains Bone Cell Activity, and Parathyroid Hormone Modulates Bone Cell Number in Dogs [*] . Endocrinology, 1986, 119, 1298-1304. | 2.8 | 57 |
| 75 | Aluminum: Toxin or Innocent Bystander in Renal Osteodystrophy. American Journal of Kidney Diseases, 1985, 6, 336-341. | 1.9 | 15 |
| 76 | A new semiautomatic method for quantitative static and dynamic bone histology. Calcified Tissue International, 1982, 34, 439-448. | 3.1 | 142 |
| 77 | Quantitative bone histology in 84 normal American subjects. Calcified Tissue International, 1982, 34, 449-455. | 3.1 | 129 |
| 78 | A program package for quantitative analysis of histologic structure and remodeling dynamics of bone. Computer Programs in Biomedicine, 1981, 13, 191-201. | 0.7 | 43 |
| 79 | Effects of 6 Months Therapy with 1,25 (OH)2D3 on Bone Disease of Dialysis Patients. Contributions To Nephrology, 1980, 18, 98-104. | 1.1 | 15 |
| 80 | Long-Term Effects of 1,25(OH)2 D3 on Clinical and Biochemical Derangements of Divalent Ions in Dialysis Patients. Contributions To Nephrology, 1980, 18, 42-54. | 1.1 | 14 |
| 81 | Osteomalacia and Hyperparathyroid Bone Disease in Patients with Nephrotic Syndrome. Journal of Clinical Investigation, 1979, 63, 494-500. | 8.2 | 85 |