

L Darryl Quarles

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166
papers

13,424
citations

61
h-index

113
g-index

175
ext. papers

14,762
ext. citations

7.6
avg. IF

6.65
L-index

#	Paper	IF	Citations
166	Loss of DMP1 causes rickets and osteomalacia and identifies a role for osteocytes in mineral metabolism. <i>Nature Genetics</i> , 2006 , 38, 1310-5	36.3	937
165	Distinct proliferative and differentiated stages of murine MC3T3-E1 cells in culture: an in vitro model of osteoblast development. <i>Journal of Bone and Mineral Research</i> , 1992 , 7, 683-92	6.3	723
164	Rapid loss of vertebral mineral density after renal transplantation. <i>New England Journal of Medicine</i> , 1991 , 325, 544-50	59.2	546
163	Fibroblast growth factor 23 is a counter-regulatory phosphaturic hormone for vitamin D. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 1305-15	12.7	511
162	Pathogenic role of Fgf23 in Hyp mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E38-49	6	402
161	Regulation of fibroblastic growth factor 23 expression but not degradation by PHEX. <i>Journal of Biological Chemistry</i> , 2003 , 278, 37419-26	5.4	382
160	Regulation and function of the FGF23/klotho endocrine pathways. <i>Physiological Reviews</i> , 2012 , 92, 131-57	17.9	376
159	Endocrine functions of bone in mineral metabolism regulation. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3820-8	15.9	340
158	How fibroblast growth factor 23 works. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 1637-47	12.7	312
157	Serum FGF23 levels in normal and disordered phosphorus homeostasis. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1227-34	6.3	277
156	FGF23, PHEX, and MEPE regulation of phosphate homeostasis and skeletal mineralization. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E1-9	6	252
155	Hemodialysis-associated subclavian vein stenosis. <i>Kidney International</i> , 1988 , 33, 1156-9	9.9	240
154	Identification of a novel extracellular cation-sensing G-protein-coupled receptor. <i>Journal of Biological Chemistry</i> , 2005 , 280, 40201-9	5.4	238
153	Achieving NKF-K/DOQI bone metabolism and disease treatment goals with cinacalcet HCl. <i>Kidney International</i> , 2005 , 67, 760-71	9.9	235
152	The calcimimetic AMG 073 as a potential treatment for secondary hyperparathyroidism of end-stage renal disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 575-83	12.7	208
151	Role of hyperphosphatemia and 1,25-dihydroxyvitamin D in vascular calcification and mortality in fibroblastic growth factor 23 null mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2116-24	12.7	203
150	Skeletal secretion of FGF-23 regulates phosphate and vitamin D metabolism. <i>Nature Reviews Endocrinology</i> , 2012 , 8, 276-86	15.2	196

149	Bone proteins PHEX and DMP1 regulate fibroblastic growth factor Fgf23 expression in osteocytes through a common pathway involving FGF receptor (FGFR) signaling. <i>FASEB Journal</i> , 2011 , 25, 2551-62	0.9	189
148	Role of FGF23 in vitamin D and phosphate metabolism: implications in chronic kidney disease. <i>Experimental Cell Research</i> , 2012 , 318, 1040-8	4.2	188
147	GPRC6A null mice exhibit osteopenia, feminization and metabolic syndrome. <i>PLoS ONE</i> , 2008 , 3, e3858	3.7	182
146	Prospective trial of pulse oral versus intravenous calcitriol treatment of hyperparathyroidism in ESRD. <i>Kidney International</i> , 1994 , 45, 1710-21	9.9	172
145	GPRC6A mediates responses to osteocalcin in β cells in vitro and pancreas in vivo. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1680-3	6.3	168
144	Blood pressure and mortality in U.S. veterans with chronic kidney disease: a cohort study. <i>Annals of Internal Medicine</i> , 2013 , 159, 233-42	8	146
143	A comparative transcriptome analysis identifying FGF23 regulated genes in the kidney of a mouse CKD model. <i>PLoS ONE</i> , 2012 , 7, e44161	3.7	142
142	Cholecalciferol supplementation alters calcitriol-responsive monocyte proteins and decreases inflammatory cytokines in ESRD. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 353-61	12.7	138
141	Association of body mass index with outcomes in patients with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2088-96	12.7	135
140	GPRC6A mediates the non-genomic effects of steroids. <i>Journal of Biological Chemistry</i> , 2010 , 285, 39953-64	5.4	132
139	Rescue of the skeletal phenotype in CasR-deficient mice by transfer onto the Gcm2 null background. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1029-1037	15.9	126
138	Calcimimetics as an adjuvant treatment for familial hypophosphatemic rickets. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 658-64	6.9	119
137	Effects of cinacalcet and concurrent low-dose vitamin D on FGF23 levels in ESRD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 110-6	6.9	118
136	Musculoskeletal complications after renal transplantation: pathogenesis and treatment. <i>American Journal of Kidney Diseases</i> , 1992 , 19, 99-120	7.4	118
135	FGFR3 and FGFR4 do not mediate renal effects of FGF23. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 2342-50	12.7	110
134	Calcium regulates FGF-23 expression in bone. <i>Endocrinology</i> , 2013 , 154, 4469-82	4.8	99
133	Inhibition of MEPE cleavage by Phex. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 38-45	3.4	95
132	Conditional deletion of Pkd1 in osteocytes disrupts skeletal mechanosensing in mice. <i>FASEB Journal</i> , 2011 , 25, 2418-32	0.9	92

131	A distinct cation-sensing mechanism in MC3T3-E1 osteoblasts functionally related to the calcium receptor. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 393-402	6.3	92
130	Emerging role of fibroblast growth factor 23 in a bone-kidney axis regulating systemic phosphate homeostasis and extracellular matrix mineralization. <i>Current Opinion in Nephrology and Hypertension</i> , 2007 , 16, 329-35	3.5	92
129	Joint mouse-human phenome-wide association to test gene function and disease risk. <i>Nature Communications</i> , 2016 , 7, 10464	17.4	91
128	Cloning and sequencing of human PEX from a bone cDNA library: evidence for its developmental stage-specific regulation in osteoblasts. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1009-17	6.3	91
127	Evidence for a bone-kidney axis regulating phosphate homeostasis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 642-646	15.9	89
126	Role of fibroblast growth factor 23 in phosphate homeostasis and pathogenesis of disordered mineral metabolism in chronic kidney disease. <i>Seminars in Dialysis</i> , 2007 , 20, 302-8	2.5	88
125	Rickets in cation-sensing receptor-deficient mice: an unexpected skeletal phenotype. <i>Endocrinology</i> , 2001 , 142, 3996-4005	4.8	88
124	Calcium-sensing receptor activation of rho involves filamin and rho-guanine nucleotide exchange factor. <i>Endocrinology</i> , 2002 , 143, 3830-8	4.8	88
123	Genistein stimulates the osteoblastic differentiation via NO/cGMP in bone marrow culture. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 307-16	4.7	81
122	Aluminum-induced DNA synthesis in osteoblasts: mediation by a G-protein coupled cation sensing mechanism. <i>Journal of Cellular Biochemistry</i> , 1994 , 56, 106-17	4.7	81
121	Compound deletion of Fgfr3 and Fgfr4 partially rescues the Hyp mouse phenotype. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E508-17	6	79
120	Cinacalcet HCl: a novel treatment for secondary hyperparathyroidism in stage 5 chronic kidney disease. <i>Kidney International</i> , 2005 , S24-8	9.9	77
119	Role of matrix extracellular phosphoglycoprotein in the pathogenesis of X-linked hypophosphatemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 1645-53	12.7	77
118	Longitudinal evaluation of FGF23 changes and mineral metabolism abnormalities in a mouse model of chronic kidney disease. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 38-46	6.3	75
117	Disruption of Kif3a in osteoblasts results in defective bone formation and osteopenia. <i>Journal of Cell Science</i> , 2012 , 125, 1945-57	5.3	74
116	Distinct roles for intrinsic osteocyte abnormalities and systemic factors in regulation of FGF23 and bone mineralization in Hyp mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1636-44	6	74
115	Multiligand specificity and wide tissue expression of GPRC6A reveals new endocrine networks. <i>Endocrinology</i> , 2012 , 153, 2062-9	4.8	73
114	Phosphorylated acidic serine-aspartate-rich MEPE-associated motif peptide from matrix extracellular phosphoglycoprotein inhibits phosphate regulating gene with homologies to endopeptidases on the X-chromosome enzyme activity. <i>Journal of Endocrinology</i> , 2007 , 192, 261-7	4.7	71

113	Overexpression of Phex in osteoblasts fails to rescue the Hyp mouse phenotype. <i>Journal of Biological Chemistry</i> , 2002 , 277, 3686-97	5.4	71
112	Beta-arrestin- and G protein receptor kinase-mediated calcium-sensing receptor desensitization. <i>Molecular Endocrinology</i> , 2005 , 19, 1078-87		70
111	Comparison of treatments for mild secondary hyperparathyroidism in hemodialysis patients. Durham Renal Osteodystrophy Study Group. <i>Kidney International</i> , 2000 , 57, 282-92	9.9	68
110	A novel cation-sensing mechanism in osteoblasts is a molecular target for strontium. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 862-9	6.3	67
109	Effects of genistein on expression of bone markers during MC3T3-E1 osteoblastic cell differentiation. <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 342-9	6.3	67
108	Molecular to pharmacologic control of osteoblast proliferation and differentiation. <i>Journal of Cellular Biochemistry</i> , 1994 , 55, 310-20	4.7	62
107	GPRC6A regulates prostate cancer progression. <i>Prostate</i> , 2012 , 72, 399-409	4.2	61
106	GPRC6A mediates the effects of L-arginine on insulin secretion in mouse pancreatic islets. <i>Endocrinology</i> , 2012 , 153, 4608-15	4.8	57
105	Failure to detect the extracellular calcium-sensing receptor (CasR) in human osteoblast cell lines. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 1310-9	6.3	57
104	Antiandrogen gold nanoparticles dual-target and overcome treatment resistance in hormone-insensitive prostate cancer cells. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1507-12	6.3	56
103	Dose-dependent effects of Runx2 on bone development. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1889-904	6.3	56
102	Non-suppressible parathyroid hormone secretion is related to gland size in uremic secondary hyperparathyroidism. <i>Kidney International</i> , 1996 , 50, 1663-71	9.9	55
101	Staphylococcus aureus bacteremia in patients on chronic hemodialysis. <i>American Journal of Kidney Diseases</i> , 1985 , 6, 412-9	7.4	55
100	Aluminum-induced mitogenesis in MC3T3-E1 osteoblasts: potential mechanism underlying neosteogenesis. <i>Endocrinology</i> , 1991 , 128, 3144-51	4.8	54
99	Rescue of the skeletal phenotype in CasR-deficient mice by transfer onto the Gcm2 null background. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1029-37	15.9	54
98	Polycystin-1 regulates skeletogenesis through stimulation of the osteoblast-specific transcription factor RUNX2-II. <i>Journal of Biological Chemistry</i> , 2008 , 283, 12624-34	5.4	52
97	Pathophysiology of X-linked hypophosphatemia, tumor-induced osteomalacia, and autosomal dominant hypophosphatemia: a perPHEXing problem. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 494-6	5.6	52
96	FGF23 from bench to bedside. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F1168-74	4.3	49

95	Conditional disruption of Pkd1 in osteoblasts results in osteopenia due to direct impairment of bone formation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 1177-87	5.4	47
94	Evidence for a bone-kidney axis regulating phosphate homeostasis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 642-6	15.9	47
93	GPRC6A: Jack of all metabolism (or master of none). <i>Molecular Metabolism</i> , 2017 , 6, 185-193	8.8	46
92	Coordinated maturational regulation of PHEX and renal phosphate transport inhibitory activity: evidence for the pathophysiological role of PHEX in X-linked hypophosphatemia. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 2027-35	6.3	46
91	Inhibition of adipocyte differentiation by phytoestrogen genistein through a potential downregulation of extracellular signal-regulated kinases 1/2 activity. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1853-64	4.7	45
90	An experimental canine model of osteonecrosis: characterization of the repair process. <i>Journal of Orthopaedic Research</i> , 1993 , 11, 350-7	3.8	45
89	Calcimimetics or vitamin D analogs for suppressing parathyroid hormone in end-stage renal disease: time for a paradigm shift?. <i>Nature Clinical Practice Nephrology</i> , 2009 , 5, 24-33		44
88	Extracellular calcium-sensing receptors in the parathyroid gland, kidney, and other tissues. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 349-55	3.5	44
87	Late vascular complications of the subclavian dialysis catheter. <i>American Journal of Kidney Diseases</i> , 1986 , 7, 225-8	7.4	44
86	Structural and Functional Evidence for Testosterone Activation of GPRC6A in Peripheral Tissues. <i>Molecular Endocrinology</i> , 2015 , 29, 1759-73		43
85	Oral calcitriol and calcium: efficient therapy for uremic hyperparathyroidism. <i>Kidney International</i> , 1988 , 34, 840-4	9.9	43
84	Novel bone endocrine networks integrating mineral and energy metabolism. <i>Current Osteoporosis Reports</i> , 2013 , 11, 391-9	5.4	42
83	Conditional Deletion of Fgfr1 in the Proximal and Distal Tubule Identifies Distinct Roles in Phosphate and Calcium Transport. <i>PLoS ONE</i> , 2016 , 11, e0147845	3.7	42
82	IRES-dependent translational control of Cbfa1/Runx2 expression. <i>Journal of Cellular Biochemistry</i> , 2003 , 88, 493-505	4.7	41
81	The hypoxia-inducible factor-1 α activates ectopic production of fibroblast growth factor 23 in tumor-induced osteomalacia. <i>Bone Research</i> , 2016 , 4, 16011	13.3	40
80	Impaired osteoblast function in GPRC6A null mice. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1092-6	6.2	39
79	Effect of asymmetric dimethylarginine on osteoblastic differentiation. <i>Kidney International</i> , 2001 , 60, 1699-704	9.9	39
78	Membrane and integrative nuclear fibroblastic growth factor receptor (FGFR) regulation of FGF-23. <i>Journal of Biological Chemistry</i> , 2015 , 290, 10447-59	5.4	38

77	Spectrum of disease in familial focal and segmental glomerulosclerosis. <i>Kidney International</i> , 1999 , 56, 1863-71	9.9	38
76	Role of serum in the developmental expression of alkaline phosphatase in MC3T3-E1 osteoblasts. <i>Journal of Cellular Physiology</i> , 1994 , 158, 467-75	7	37
75	The bone and beyond: Bone is made for more than walking. <i>Nature Medicine</i> , 2011 , 17, 428-30	50.5	36
74	CRISPR/Cas9 targeting of GPRC6A suppresses prostate cancer tumorigenesis in a human xenograft model. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 90	12.8	33
73	Kif3a deficiency reverses the skeletal abnormalities in Pkd1 deficient mice by restoring the balance between osteogenesis and adipogenesis. <i>PLoS ONE</i> , 2010 , 5, e15240	3.7	33
72	Assessment of 24,25(OH) ₂ D levels does not support FGF23-mediated catabolism of vitamin D metabolites. <i>Kidney International</i> , 2012 , 82, 1061-70	9.9	33
71	Differential regulation of receptor-stimulated cyclic adenosine monophosphate production by polyvalent cations in MC3T3-E1 osteoblasts. <i>Journal of Bone and Mineral Research</i> , 1996 , 11, 789-99	6.3	32
70	Polycystin-1 interacts with TAZ to stimulate osteoblastogenesis and inhibit adipogenesis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 157-174	15.9	32
69	Preventing bone loss after renal transplantation with bisphosphonates: we can... but should we?. <i>Kidney International</i> , 2000 , 57, 735-7	9.9	31
68	Aluminum is a weak agonist for the calcium-sensing receptor. <i>Kidney International</i> , 1999 , 55, 1750-8	9.9	31
67	Aluminum-induced neo-osteogenesis: a generalized process affecting trabecular networking in the axial skeleton. <i>Journal of Bone and Mineral Research</i> , 1990 , 5, 625-35	6.3	30
66	Cardiovascular Interactions between Fibroblast Growth Factor-23 and Angiotensin II. <i>Scientific Reports</i> , 2018 , 8, 12398	4.9	29
65	Uremic tumoral calcinosis: preliminary observations suggesting an association with aberrant vitamin D homeostasis. <i>American Journal of Kidney Diseases</i> , 1991 , 18, 706-10	7.4	29
64	Survival advantage in black versus white men with CKD: effect of estimated GFR and case mix. <i>American Journal of Kidney Diseases</i> , 2013 , 62, 228-35	7.4	28
63	Anabolic effects of a G protein-coupled receptor kinase inhibitor expressed in osteoblasts. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1361-1371	15.9	28
62	Enhanced FGF23 production in mice expressing PI3K-insensitive GSK3 is normalized by β -blocker treatment. <i>FASEB Journal</i> , 2016 , 30, 994-1001	0.9	27
61	The role of fibroblast growth factor-23 in cardiorenal syndrome. <i>Nephron Clinical Practice</i> , 2013 , 123, 194-201		27
60	FGF23 induced left ventricular hypertrophy mediated by FGFR4 signaling in the myocardium is attenuated by soluble Klotho in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 138, 66-74	5.8	27

59	Osteoporosis: Mechanism, Molecular Target and Current Status on Drug Development. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1489-1507	4.3	27
58	Evidence for FGF23 involvement in a bone-kidney axis regulating bone mineralization and systemic phosphate and vitamin D homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 728, 65-83	3.6	26
57	Cloning and characterization of the proximal murine Phex promoter. <i>Endocrinology</i> , 2001 , 142, 3987-95	4.8	24
56	Fibroblast growth factor 23 and Klotho co-dependent and independent functions. <i>Current Opinion in Nephrology and Hypertension</i> , 2019 , 28, 16-25	3.5	23
55	Activation of FGF-23 mediated vitamin D degradative pathways by cholecalciferol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1830-7	5.6	22
54	Role of Fibroblast Growth Factor-23 in Innate Immune Responses. <i>Frontiers in Endocrinology</i> , 2018 , 9, 320	5.7	21
53	A systems biology preview of the relationships between mineral and metabolic complications in chronic kidney disease. <i>Seminars in Nephrology</i> , 2013 , 33, 130-42	4.8	20
52	Targeted overexpression of G protein-coupled receptor kinase-2 in osteoblasts promotes bone loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E826-34	6	20
51	Multiple faces of fibroblast growth factor-23. <i>Current Opinion in Nephrology and Hypertension</i> , 2016 , 25, 333-42	3.5	20
50	Cardiovascular Effects of Renal Distal Tubule Deletion of the FGF Receptor 1 Gene. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 69-80	12.7	19
49	A computationally identified compound antagonizes excess FGF-23 signaling in renal tubules and a mouse model of hypophosphatemia. <i>Science Signaling</i> , 2016 , 9, ra113	8.8	19
48	Osteoblast calcium-sensing receptor has characteristics of ANF/7TM receptors. <i>Journal of Cellular Biochemistry</i> , 2005 , 95, 1081-92	4.7	19
47	Calcyclin mediates serum response element (SRE) activation by an osteoblastic extracellular calcium-sensing mechanism. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1825-33	6.3	18
46	Elevated FGF23 levels are associated with impaired calcium-mediated suppression of PTH in ESRD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E57-64	5.6	17
45	Developmental regulation of osteocalcin expression in MC3T3-E1 osteoblasts: Minimal role of the proximal E-box cis-acting promoter elements. <i>Journal of Cellular Biochemistry</i> , 1997 , 65, 11-24	4.7	17
44	Predictors of short-term changes in serum intact parathyroid hormone levels in hemodialysis patients: role of phosphorus, calcium, and gender. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3860-6	5.6	17
43	Inducible expression of Runx2 results in multiorgan abnormalities in mice. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 653-65	4.7	16
42	Human GPRC6A Mediates Testosterone-Induced Mitogen-Activated Protein Kinases and mTORC1 Signaling in Prostate Cancer Cells. <i>Molecular Pharmacology</i> , 2019 , 95, 563-572	4.3	15

41	Unmasking the osteoinductive effects of a G-protein-coupled receptor (GPCR) kinase (GRK) inhibitor by treatment with PTH(1-34). <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 1661-70	6.3	15
40	Hyperphosphatemia in end-stage renal disease. <i>Advances in Chronic Kidney Disease</i> , 2002 , 9, 184-92		15
39	Economic analysis of cinacalcet in combination with low-dose vitamin D versus flexible-dose vitamin D in treating secondary hyperparathyroidism in hemodialysis patients. <i>American Journal of Kidney Diseases</i> , 2010 , 56, 1108-16	7.4	14
38	Parathyroid-specific interaction of the calcium-sensing receptor and G alpha q. <i>Kidney International</i> , 2008 , 74, 1548-56	9.9	14
37	FGF-23 Deficiency Impairs Hippocampal-Dependent Cognitive Function. <i>ENeuro</i> , 2019 , 6,	3.9	13
36	Computationally identified novel agonists for GPRC6A. <i>PLoS ONE</i> , 2018 , 13, e0195980	3.7	12
35	RUNX2 mutations in Chinese patients with cleidocranial dysplasia. <i>Mutagenesis</i> , 2009 , 24, 425-31	2.8	12
34	Continuous arteriovenous hemodialysis: effect of dialyzer geometry. <i>Kidney International</i> , 1992 , 42, 448-54		12
33	Cinacalcet HCl: A novel treatment for secondary hyperparathyroidism in stage 5 chronic kidney disease. <i>Kidney International</i> , 2005 , 68, S24-S28	9.9	11
32	Reducing cardiovascular mortality in chronic kidney disease: something borrowed, something new. <i>Journal of Clinical Investigation</i> , 2013 , 123, 542-3	15.9	10
31	Role of GPRC6A in Regulating Hepatic Energy Metabolism in Mice. <i>Scientific Reports</i> , 2020 , 10, 7216	4.9	9
30	Changes With Lanthanum Carbonate, Calcium Acetate, and Phosphorus Restriction in CKD: A Randomized Controlled Trial. <i>Kidney International Reports</i> , 2018 , 3, 897-904	4.1	9
29	Equivalency of various methods for estimating osteoid seam width. <i>Journal of Bone and Mineral Research</i> , 1989 , 4, 671-7	6.3	9
28	RNA interference and its application in bone-related diseases. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 817-21	3.4	9
27	Fibroblast growth factor 23: uremic toxin or innocent bystander in chronic kidney disease?. <i>Nephrology News & Issues</i> , 2009 , 23, 33-4, 36-7		9
26	Calcitriol administration in end-stage renal disease: intravenous or oral?. <i>Pediatric Nephrology</i> , 1996 , 10, 331-6	3.2	8
25	Validation of a Novel Modified Aptamer-Based Array Proteomic Platform in Patients with End-Stage Renal Disease. <i>Diagnostics</i> , 2018 , 8,	3.8	8
24	Chronic kidney disease and diabetes mellitus predict resistance to vitamin D replacement therapy. <i>American Journal of the Medical Sciences</i> , 2013 , 345, 314-320	2.2	7

23	ASARM mineralization hypothesis: a bridge too far?. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 692-693	7
22	Mutations in the COL1A2 gene of type I collagen that result in nonlethal forms of osteogenesis imperfecta. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 228-32	7
21	Molecular Control of Phosphorus Homeostasis and Precision Treatment of Hypophosphatemic Disorders. <i>Current Molecular Biology Reports</i> , 2019 , 5, 75-85	2 7
20	Treatment of secondary hyperparathyroidism in kidney disease: what we know and do not know about use of calcimimetics and vitamin D analogs. <i>International Journal of Nephrology and Renovascular Disease</i> , 2008 , 1, 5-17	2.5 6
19	Oral versus intravenous calcitriol. <i>Current Opinion in Nephrology and Hypertension</i> , 1995 , 4, 307-312	3.5 5
18	Humanized GPRC6A is a gain-of-function polymorphism in mice. <i>Scientific Reports</i> , 2020 , 10, 11143	4.9 5
17	Guidelines for disorders of mineral metabolism and secondary hyperparathyroidism should not yet be modified. <i>Nature Clinical Practice Nephrology</i> , 2006 , 2, 337-9	4
16	Osseous Complications of Renal Transplantation. <i>Seminars in Dialysis</i> , 2007 , 9, 353-359	2.5 3
15	Treatment Of Chronic Kidney Disease Mineral Bone Disorder (CKD-MBD)640-650	3
14	Hollow-Fiber versus Parallel-Plate Dialyzers in Continuous Arteriovenous Hemodialysis. <i>Seminars in Dialysis</i> , 2007 , 6, 229-231	2.5 2
13	Novel Treatments from Inhibition of the Intestinal Sodium-Hydrogen Exchanger 3. <i>International Journal of Nephrology and Renovascular Disease</i> , 2021 , 14, 411-420	2.5 2
12	Explaining Divergent Observations Regarding Osteocalcin/GPRC6A Endocrine Signaling. <i>Endocrinology</i> , 2021 , 162,	4.8 2
11	FGF23/Klotho New Regulators of Vitamin D Metabolism 2011 , 747-761	1
10	Small molecule FGF23 inhibitors increase serum phosphate and improve skeletal abnormalities in Hyp mice	1
9	Bone Disorders in Chronic Kidney Disease 2009 , 487-498	1
8	Design and development of FGF-23 antagonists: Definition of the pharmacophore and initial structure-activity relationships probed by synthetic analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 29, 115877	3.4 1
7	FGF-23 Counter-Regulatory Hormone for Vitamin D Actions on Mineral Metabolism, Hemodynamics, and Innate Immunity 2018 , 871-884	
6	Management of Calcium and Bone Disease in Renal Patients 2013 , 3073-3086	

5 Bone Disorders in Chronic Kidney Disease **2014**, 476-487

4 Clinical Applications of Parathyroid Hormone Immunoassays in Patients with End Stage Renal Disease. *Seminars in Dialysis*, **2007**, 6, 305-311 2.5

3 Management of Calcium and Bone Disease in Renal Patients **2008**, 2671-2679

2 Disruption of Kif3a in osteoblasts results in defective bone formation and osteopenia. *Development (Cambridge)*, **2012**, 139, e1308-e1308 6.6

1 Letter to the Editor: "Increased Circulating FGF23 Does Not Lead to Cardiac Hypertrophy in the Male Hyp Mouse Model of XLH". *Endocrinology*, **2018**, 159, 3655-3656 4.8