

Seiji Fukumoto

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

198
papers

16,219
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125
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263
ext. papers

17,854
ext. citations

5.5
avg, IF

6.42
L-index

#	Paper	IF	Citations
198	Klotho converts canonical FGF receptor into a specific receptor for FGF23. <i>Nature</i> , 2006 , 444, 770-4	50.4	1405
197	FGF-23 is a potent regulator of vitamin D metabolism and phosphate homeostasis. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 429-35	6.3	1276
196	Cloning and characterization of FGF23 as a causative factor of tumor-induced osteomalacia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 6500-5	11.5	1164
195	Targeted ablation of Fgf23 demonstrates an essential physiological role of FGF23 in phosphate and vitamin D metabolism. <i>Journal of Clinical Investigation</i> , 2004 , 113, 561-568	15.9	1089
194	Targeted ablation of Fgf23 demonstrates an essential physiological role of FGF23 in phosphate and vitamin D metabolism. <i>Journal of Clinical Investigation</i> , 2004 , 113, 561-8	15.9	565
193	Increased circulatory level of biologically active full-length FGF-23 in patients with hypophosphatemic rickets/osteomalacia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4957-60	5.6	555
192	Mutant FGF-23 responsible for autosomal dominant hypophosphatemic rickets is resistant to proteolytic cleavage and causes hypophosphatemia in vivo. <i>Endocrinology</i> , 2002 , 143, 3179-82	4.8	348
191	FGF-23 transgenic mice demonstrate hypophosphatemic rickets with reduced expression of sodium phosphate cotransporter type IIa. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 314, 409-14	4.4	345
190	Association between activating mutations of calcium-sensing receptor and Bartter's syndrome. <i>Lancet, The</i> , 2002 , 360, 692-4	4.0	324
189	Possible involvement of circulating fibroblast growth factor 23 in the development of secondary hyperparathyroidism associated with renal insufficiency. <i>American Journal of Kidney Diseases</i> , 2004 , 44, 250-6	7.4	272
188	Vitamin D receptor-independent FGF23 actions in regulating phosphate and vitamin D metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F1088-95	4.3	272
187	Direct evidence for a causative role of FGF23 in the abnormal renal phosphate handling and vitamin D metabolism in rats with early-stage chronic kidney disease. <i>Kidney International</i> , 2010 , 78, 975-80	9.9	243
186	A microRNA regulatory mechanism of osteoblast differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20794-9	11.5	241
185	Regulation of bone formation by adiponectin through autocrine/paracrine and endocrine pathways. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 196-208	4.7	224
184	Clinical practice guideline for the management of chronic kidney disease-mineral and bone disorder. <i>Therapeutic Apheresis and Dialysis</i> , 2013 , 17, 247-88	1.9	220
183	Ghrelin directly regulates bone formation. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 790-8	6.3	219
182	Bone as an endocrine organ. <i>Trends in Endocrinology and Metabolism</i> , 2009 , 20, 230-6	8.8	218

181	Therapeutic effects of anti-FGF23 antibodies in hypophosphatemic rickets/osteomalacia. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1879-88	6.3	193
180	A novel mutation in fibroblast growth factor 23 gene as a cause of tumoral calcinosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 5523-7	5.6	181
179	Anti-FGF23 neutralizing antibodies show the physiological role and structural features of FGF23. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1509-18	6.3	157
178	Clinical usefulness of measurement of fibroblast growth factor 23 (FGF23) in hypophosphatemic patients: proposal of diagnostic criteria using FGF23 measurement. <i>Bone</i> , 2008 , 42, 1235-9	4.7	155
177	Serum fibroblast growth factor-23 levels predict the future refractory hyperparathyroidism in dialysis patients. <i>Kidney International</i> , 2005 , 67, 1171-8	9.9	153
176	Central control of bone remodeling by neuromedin U. <i>Nature Medicine</i> , 2007 , 13, 1234-40	50.5	151
175	Stimulation of osteoclast formation by 1,25-dihydroxyvitamin D requires its binding to vitamin D receptor (VDR) in osteoblastic cells: studies using VDR knockout mice. <i>Endocrinology</i> , 1999 , 140, 1005-8	4.8	147
174	Venous sampling for fibroblast growth factor-23 confirms preoperative diagnosis of tumor-induced osteomalacia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3979-82	5.6	139
173	Tumour-induced osteomalacia. <i>Nature Reviews Disease Primers</i> , 2017 , 3, 17044	51.1	130
172	Hyperostosis-hyperphosphatemia syndrome: a congenital disorder of O-glycosylation associated with augmented processing of fibroblast growth factor 23. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 235-42	6.3	126
171	Extracellular matrix-associated bone morphogenetic proteins are essential for differentiation of murine osteoblastic cells in vitro. <i>Endocrinology</i> , 1999 , 140, 2125-33	4.8	126
170	Fibroblast growth factor 23 accelerates phosphate-induced vascular calcification in the absence of Klotho deficiency. <i>Kidney International</i> , 2014 , 85, 1103-11	9.9	123
169	Mutant FGF-23 Responsible for Autosomal Dominant Hypophosphatemic Rickets Is Resistant to Proteolytic Cleavage and Causes Hypophosphatemia in Vivo		112
168	FGF23 is a hormone-regulating phosphate metabolism--unique biological characteristics of FGF23. <i>Bone</i> , 2007 , 40, 1190-5	4.7	111
167	Metabolic improvement of poorly controlled noninsulin-dependent diabetes mellitus decreases bone turnover. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2915-20	5.6	108
166	Interleukin-11 as a stimulatory factor for bone formation prevents bone loss with advancing age in mice. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49011-8	5.4	108
165	Effect of acute changes of serum phosphate on fibroblast growth factor (FGF)23 levels in humans. <i>Journal of Bone and Mineral Metabolism</i> , 2007 , 25, 419-22	2.9	107
164	Hypophosphatemia induced by intravenous administration of saccharated ferric oxide: another form of FGF23-related hypophosphatemia. <i>Bone</i> , 2009 , 45, 814-6	4.7	101

163	Actions and mode of actions of FGF19 subfamily members. <i>Endocrine Journal</i> , 2008 , 55, 23-31	2.9	100
162	Pretreatment serum FGF-23 levels predict the efficacy of calcitriol therapy in dialysis patients. <i>Kidney International</i> , 2005 , 67, 1120-5	9.9	97
161	Focal adhesion kinase activity is required for bone morphogenetic protein--Smad1 signaling and osteoblastic differentiation in murine MC3T3-E1 cells. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 1772-9	6.3	89
160	Intravenous calcitriol therapy increases serum concentrations of fibroblast growth factor-23 in dialysis patients with secondary hyperparathyroidism. <i>Nephron Clinical Practice</i> , 2005 , 101, c94-9		88
159	Thiazolidinediones inhibit osteoclast-like cell formation and bone resorption in vitro. <i>Endocrinology</i> , 1999 , 140, 5060-5	4.8	88
158	Metabolic Improvement of Poorly Controlled Noninsulin-Dependent Diabetes Mellitus Decreases Bone Turnover. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2915-2920	5.6	87
157	Interactions between cancer and bone marrow cells induce osteoclast differentiation factor expression and osteoclast-like cell formation in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 267, 632-7	3.4	85
156	Anti-FGF-23 neutralizing antibodies ameliorate muscle weakness and decreased spontaneous movement of Hyp mice. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 803-10	6.3	84
155	Physiological regulation and disorders of phosphate metabolism--pivotal role of fibroblast growth factor 23. <i>Internal Medicine</i> , 2008 , 47, 337-43	1.1	83
154	Phosphate metabolism and vitamin D. <i>BoneKEy Reports</i> , 2014 , 3, 497		82
153	Transforming growth factor beta stimulation of parathyroid hormone-related protein (PTHrP): a paracrine regulator?. <i>Molecular and Cellular Endocrinology</i> , 1993 , 92, 55-62	4.4	80
152	Receptor tyrosine kinases inhibit bone morphogenetic protein-Smad responsive promoter activity and differentiation of murine MC3T3-E1 osteoblast-like cells. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 827-35	6.3	74
151	Nationwide survey of fibroblast growth factor 23 (FGF23)-related hypophosphatemic diseases in Japan: prevalence, biochemical data and treatment. <i>Endocrine Journal</i> , 2015 , 62, 811-6	2.9	73
150	Comparison of two assays for fibroblast growth factor (FGF)-23. <i>Journal of Bone and Mineral Metabolism</i> , 2005 , 23, 435-40	2.9	70
149	Stimulation of Smad1 transcriptional activity by Ras-extracellular signal-regulated kinase pathway: a possible mechanism for collagen-dependent osteoblastic differentiation. <i>Journal of Bone and Mineral Research</i> , 2002 , 17, 240-8	6.3	69
148	Runx1 and Runx2 cooperate during sternal morphogenesis. <i>Development (Cambridge)</i> , 2010 , 137, 1159-67	6.6	68
147	Minireview: fibroblast growth factor 23 in phosphate homeostasis and bone metabolism. <i>Endocrinology</i> , 2011 , 152, 4-10	4.8	68
146	Parathyroid hormone-related protein in adult T-cell leukemia-lymphoma. <i>Annals of Internal Medicine</i> , 1989 , 111, 484-8	8	67

145	Reduced expression of interleukin-11 in bone marrow stromal cells of senescence-accelerated mice (SAMP6): relationship to osteopenia with enhanced adipogenesis. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 1370-7	6.3	66
144	No enzyme activity of 25-hydroxyvitamin D3 1alpha-hydroxylase gene product in pseudovitamin D deficiency rickets, including that with mild clinical manifestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4111-7	5.6	65
143	Vitamin K(2) inhibits adipogenesis, osteoclastogenesis, and ODF/RANK ligand expression in murine bone marrow cell cultures. <i>Bone</i> , 2000 , 27, 769-76	4.7	64
142	Diagnostic utility of magnetic resonance imaging skeletal survey in a patient with oncogenic osteomalacia. <i>Bone</i> , 1999 , 25, 375-7	4.7	64
141	Cloning and characterization of two promoters for the human calcium-sensing receptor (CaSR) and changes of CaSR expression in parathyroid adenomas. <i>Journal of Biological Chemistry</i> , 2000 , 275, 7553-7	5.4	63
140	No Enzyme Activity of 25-Hydroxyvitamin D3 1-Hydroxylase Gene Product in Pseudovitamin D Deficiency Rickets, Including That with Mild Clinical Manifestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4111-4117	5.6	62
139	Fibroblast growth factor-23 is the phosphaturic factor in tumor-induced osteomalacia and may be phosphatonin. <i>Current Opinion in Nephrology and Hypertension</i> , 2002 , 11, 385-9	3.5	60
138	Activation of unliganded FGF receptor by extracellular phosphate potentiates proteolytic protection of FGF23 by its O-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11418-11427	11.5	59
137	Fibroblast growth factor (FGF)-23 in patients with primary hyperparathyroidism. <i>European Journal of Endocrinology</i> , 2004 , 151, 55-60	6.5	59
136	Expression of parathyroid hormone-related protein in a human T cell lymphotropic virus type I-infected T cell line. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 154, 1182-8	3.4	58
135	X-Linked Hypophosphatemia and FGF23-Related Hypophosphatemic Diseases: Prospect for New Treatment. <i>Endocrine Reviews</i> , 2018 , 39, 274-291	27.2	57
134	Inhibition of bone resorption by pamidronate cannot restore normal gain in cortical bone mass and strength in tail-suspended rapidly growing rats. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 1058-67	6.3	57
133	Differences in bone and vitamin D metabolism between primary hyperparathyroidism and malignancy-associated hypercalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 607-611	5.6	56
132	A patient with hypophosphatemic rickets and ossification of posterior longitudinal ligament caused by a novel homozygous mutation in ENPP1 gene. <i>Bone</i> , 2011 , 49, 913-6	4.7	54
131	Effect of mechanical unloading and reloading on periosteal bone formation and gene expression in tail-suspended rapidly growing rats. <i>Bone</i> , 1998 , 22, 89S-93S	4.7	54
130	A novel activating mutation in calcium-sensing receptor gene associated with a family of autosomal dominant hypocalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 363-6	5.6	54
129	Pheochromocytoma with pyrexia and marked inflammatory signs: a paraneoplastic syndrome with possible relation to interleukin-6 production. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 73, 877-81	5.6	54
128	Absence of mutations in parathyroid hormone (PTH)/PTH-related protein receptor complementary deoxyribonucleic acid in patients with pseudohypoparathyroidism type Ib. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 2554-2558	5.6	53

127	Assessment criteria for vitamin D deficiency/insufficiency in Japan: proposal by an expert panel supported by the Research Program of Intractable Diseases, Ministry of Health, Labour and Welfare, Japan, the Japanese Society for Bone and Mineral Research and the Japan Endocrine Society [Opinion]. <i>Journal of Bone and Mineral Metabolism</i> , 2017 , 35, 1-5	2.9	52
126	Transforming growth factor beta inhibits plasminogen activator (PA) activity and stimulates production of urokinase-type PA, PA inhibitor-1 mRNA, and protein in rat osteoblast-like cells. <i>Journal of Cellular Physiology</i> , 1991 , 149, 34-43	7	51
125	Hypophosphatemic osteomalacia and bone sclerosis caused by a novel homozygous mutation of the FAM20C gene in an elderly man with a mild variant of Raine syndrome. <i>Bone</i> , 2014 , 67, 56-62	4.7	50
124	Short-term treatment with troglitazone decreases bone turnover in patients with type 2 diabetes mellitus. <i>Endocrine Journal</i> , 1999 , 46, 795-801	2.9	50
123	Decrease in serum leptin by troglitazone is associated with preventing bone loss in type 2 diabetic patients. <i>Journal of Bone and Mineral Metabolism</i> , 2003 , 21, 166-71	2.9	49
122	An adult patient with severe hypercalcaemia and hypocalciuria due to a novel homozygous inactivating mutation of calcium-sensing receptor. <i>Clinical Endocrinology</i> , 1999 , 50, 537-43	3.4	49
121	Clinical Evaluation of Calcium Metabolism in Adult T-Cell Leukemia/Lymphoma. <i>Archives of Internal Medicine</i> , 1988 , 148, 921		49
120	A Novel Activating Mutation in Calcium-Sensing Receptor Gene Associated with a Family of Autosomal Dominant Hypocalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 363-366 ^{5.6}	5.6	48
119	Long-term clinical course of IgG4-related systemic disease accompanied by hypophysitis. <i>Endocrine Journal</i> , 2010 , 57, 485-92	2.9	45
118	Suppression of serum 1,25-dihydroxyvitamin D in humoral hypercalcemia of malignancy is caused by elaboration of a factor that inhibits renal 1,25-dihydroxyvitamin D3 production. <i>Endocrinology</i> , 1989 , 124, 2057-62	4.8	45
117	The distinct role of the Runx proteins in chondrocyte differentiation and intervertebral disc degeneration: findings in murine models and in human disease. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2764-75		42
116	Phosphate enhances Fgf23 expression through reactive oxygen species in UMR-106 cells. <i>Journal of Bone and Mineral Metabolism</i> , 2016 , 34, 132-9	2.9	41
115	Patients with FGF23-related hypophosphatemic rickets/osteomalacia do not present with left ventricular hypertrophy. <i>Endocrine Research</i> , 2017 , 42, 132-137	1.9	41
114	Effects of 1-year treatment with fluvastatin or pravastatin on bone. <i>American Journal of Medicine</i> , 2001 , 110, 584-7	2.4	41
113	Relationship between actions of transforming growth factor (TGF)-beta and cell surface expression of its receptors in clonal osteoblastic cells. <i>Journal of Cellular Physiology</i> , 1995 , 162, 315-21	7	41
112	Calcilytic Ameliorates Abnormalities of Mutant Calcium-Sensing Receptor (CaSR) Knock-In Mice Mimicking Autosomal Dominant Hypocalcemia (ADH). <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1980-93	6.3	40
111	Stimulation of Osteoclast Formation by 1,25-Dihydroxyvitamin D Requires Its Binding to Vitamin D Receptor (VDR) in Osteoblastic Cells: Studies Using VDR Knockout Mice		39
110	Clinical utility of systemic venous sampling of FGF23 for identifying tumours responsible for tumour-induced osteomalacia. <i>Journal of Internal Medicine</i> , 2010 , 268, 390-4	10.8	38

109	Fibroblast growth factor 23 as a phosphotropic hormone and beyond. <i>Journal of Bone and Mineral Metabolism</i> , 2011 , 29, 507-14	2.9	36
108	FGF23-FGF Receptor/Klotho Pathway as a New Drug Target for Disorders of Bone and Mineral Metabolism. <i>Calcified Tissue International</i> , 2016 , 98, 334-40	3.9	34
107	Peptide-conjugate antisense based splice-correction for Duchenne muscular dystrophy and other neuromuscular diseases. <i>EBioMedicine</i> , 2019 , 45, 630-645	8.8	34
106	Tumor-induced hypophosphatemic osteomalacia diagnosed by the combinatory procedures of magnetic resonance imaging and venous sampling for FGF23. <i>Internal Medicine</i> , 2008 , 47, 957-61	1.1	34
105	Plasminogen activator regulation in osteoblasts: parathyroid hormone inhibition of type-1 plasminogen activator inhibitor and its mRNA. <i>Journal of Cellular Physiology</i> , 1992 , 152, 346-55	7	34
104	Fibroblast Growth Factor 23 (FGF23) and Disorders of Phosphate Metabolism. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2009 , 2009, 496514	1.5	32
103	Pathogenesis and diagnostic criteria for rickets and osteomalacia--proposal by an expert panel supported by the Ministry of Health, Labour and Welfare, Japan, the Japanese Society for Bone and Mineral Research, and the Japan Endocrine Society. <i>Journal of Bone and Mineral Metabolism</i> , 2015 , 33, 467-73	2.9	30
102	Post-translational modification of Fibroblast Growth Factor 23. <i>Therapeutic Apheresis and Dialysis</i> , 2005 , 9, 319-22	1.9	29
101	Assessment criteria for vitamin D deficiency/insufficiency in Japan - proposal by an expert panel supported by Research Program of Intractable Diseases, Ministry of Health, Labour and Welfare, Japan, The Japanese Society for Bone and Mineral Research and The Japan Endocrine Society [Opinion]. <i>Endocrine Journal</i> , 2017 , 64, 1-6	2.9	28
100	Development of tumor-induced osteomalacia in a subcutaneous tumor, defined by venous blood sampling of fibroblast growth factor-23. <i>Internal Medicine</i> , 2008 , 47, 637-41	1.1	28
99	Inactivating mutations of calcium-sensing receptor results in parathyroid lipohyperplasia. <i>Diagnostic Molecular Pathology</i> , 2001 , 10, 242-7		28
98	FGF23 beyond Phosphotropic Hormone. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 755-767	8.8	28
97	Evaluation of a new automated chemiluminescence immunoassay for FGF23. <i>Journal of Bone and Mineral Metabolism</i> , 2012 , 30, 217-21	2.9	27
96	Diagnostic Modalities for FGF23-Producing Tumors in Patients with Tumor-Induced Osteomalacia. <i>Endocrinology and Metabolism</i> , 2014 , 29, 136-43	3.5	26
95	The relative role of fibroblast growth factor 23 and parathyroid hormone in predicting future hypophosphatemia and hypercalcemia after living donor kidney transplantation: a 1-year prospective observational study. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 2691-5	4.3	26
94	Familial hypophosphatemic rickets caused by a large deletion in PHEX gene. <i>European Journal of Endocrinology</i> , 2009 , 161, 647-51	6.5	25
93	Decreased AP-1 activity and interleukin-11 expression by bone marrow stromal cells may be associated with impaired bone formation in aged mice. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1461-70	6.3	25
92	Fibroblast growth factor-23 in patients with Graves disease before and after antithyroid therapy: its important role in serum phosphate regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4211-5	5.6	25

91	Fibroblast growth factor 23-related osteomalacia caused by the prolonged administration of saccharated ferric oxide. <i>Internal Medicine</i> , 2012 , 51, 2375-8	1.1	24
90	Tumor-induced osteomalacia associated with a maxillofacial tumor producing fibroblast growth factor 23: report of a case and review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e57-63		24
89	Fibroblast growth factor-23 (FGF23) in patients with transient hypoparathyroidism: its important role in serum phosphate regulation. <i>Endocrine Journal</i> , 2007 , 54, 465-70	2.9	24
88	Functional activities of mutant calcium-sensing receptors determine clinical presentations in patients with autosomal dominant hypocalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E363-8	5.6	23
87	Pathogenesis and diagnostic criteria for rickets and osteomalacia - proposal by an expert panel supported by Ministry of Health, Labour and Welfare, Japan, The Japanese Society for Bone and Mineral Research and The Japan Endocrine Society. <i>Endocrine Journal</i> , 2015 , 62, 665-71	2.9	23
86	A hypercalcemic nude rat model that completely mimics human syndrome of humoral hypercalcemia of malignancy. <i>Calcified Tissue International</i> , 1988 , 43, 97-102	3.9	22
85	Recent advances in the management of osteoporosis. <i>F1000Research</i> , 2017 , 6, 625	3.6	22
84	Approach to patients with hypophosphataemia. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 163-174	18.1	22
83	Functional analysis of mutant FAM20C in Raine syndrome with FGF23-related hypophosphatemia. <i>Bone</i> , 2014 , 67, 145-51	4.7	21
82	A family of autosomal dominant hypocalcemia with a positive correlation between serum calcium and magnesium: identification of a novel gain of function mutation (Ser(820)Phe) in the calcium-sensing receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2681-7	5.6	21
81	Interim Analysis of a Phase 2 Open-Label Trial Assessing Burosumab Efficacy and Safety in Patients With Tumor-Induced Osteomalacia. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 262-270	6.3	21
80	Phosphate-sensing and regulatory mechanism of FGF23 production. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 877-883	5.2	20
79	Targeting Fibroblast Growth Factor 23 Signaling with Antibodies and Inhibitors, Is There a Rationale?. <i>Frontiers in Endocrinology</i> , 2018 , 9, 48	5.7	20
78	Enpp1 is an anti-aging factor that regulates Klotho under phosphate overload conditions. <i>Scientific Reports</i> , 2017 , 7, 7786	4.9	20
77	The role of bone in phosphate metabolism. <i>Molecular and Cellular Endocrinology</i> , 2009 , 310, 63-70	4.4	20
76	Fibroblast Growth Factor 23 (FGF23) and Disorders of Phosphate Metabolism. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2009 , 2009, 496514	1.5	20
75	Fibroblast growth factor (FGF)23 in patients with acromegaly. <i>Endocrine Journal</i> , 2007 , 54, 481-4	2.9	20
74	Development of versatile non-homologous end joining-based knock-in module for genome editing. <i>Scientific Reports</i> , 2018 , 8, 593	4.9	19

73	Mutational analysis of patients with FGF23-related hypophosphatemic rickets. <i>European Journal of Endocrinology</i> , 2012 , 167, 165-72	6.5	19
72	Prospective histomorphometric and DXA evaluation of bone remodeling in imatinib-treated CML patients: evidence for site-specific skeletal effects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 67-76	5.6	19
71	Regulation of plasminogen activator inhibitor-1 (PAI-1) expression by 1,25-dihydroxyvitamin D-3 in normal and malignant rat osteoblasts. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994 , 1201, 223-8 ⁴		19
70	Effect of 24,25-dihydroxyvitamin D3 on 1,25-dihydroxyvitamin D3 [1,25-(OH)2D3] metabolism in vitamin D-deficient rats infused with 1,25-(OH)2D3. <i>Endocrinology</i> , 1989 , 124, 511-7	4.8	19
69	High serum ALP level is associated with increased risk of denosumab-related hypocalcemia in patients with bone metastases from solid tumors. <i>Endocrine Journal</i> , 2016 , 63, 479-84	2.9	18
68	Anti-fibroblast growth factor 23 antibody therapy. <i>Current Opinion in Nephrology and Hypertension</i> , 2014 , 23, 346-51	3.5	18
67	Causes and differential diagnosis of hypocalcemia--recommendation proposed by expert panel supported by ministry of health, labour and welfare, Japan. <i>Endocrine Journal</i> , 2008 , 55, 787-94	2.9	18
66	Parathyroid hormone increases the expression level of matrix metalloproteinase-13 in vivo. <i>Journal of Bone and Mineral Metabolism</i> , 2001 , 19, 207-12	2.9	17
65	Phosphate enhances reactive oxygen species production and suppresses osteoblastic differentiation. <i>Journal of Bone and Mineral Metabolism</i> , 2014 , 32, 393-9	2.9	16
64	Natural history of mineral and bone disorders after living-donor kidney transplantation: a one-year prospective observational study. <i>Therapeutic Apheresis and Dialysis</i> , 2011 , 15, 481-7	1.9	16
63	Renal magnesium wasting in a patient with short bowel syndrome with magnesium deficiency: effect of 1 alpha-hydroxyvitamin D3 treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987 , 65, 1301-4	5.6	16
62	FGF23-related hypophosphatemic rickets/osteomalacia: diagnosis and new treatment. <i>Journal of Molecular Endocrinology</i> , 2021 , 66, R57-R65	4.5	16
61	A family of autosomal dominant hypocalcemia with an activating mutation of calcium-sensing receptor gene. <i>Endocrine Journal</i> , 2003 , 50, 91-6	2.9	15
60	Cloning and characterization of kidney-specific promoter of human PTH/PTHrP receptor gene: absence of mutation in patients with pseudohypoparathyroidism type 1b. <i>Molecular and Cellular Endocrinology</i> , 1998 , 141, 41-7	4.4	14
59	Clonal endothelial cells produce humoral factors that inhibit osteoclast-like cell formation in vitro. <i>Endocrine Journal</i> , 2002 , 49, 439-47	2.9	14
58	Heterozygous gsp mutation renders ion channels of human somatotroph adenoma cells unresponsive to growth hormone-releasing hormone. <i>Endocrinology</i> , 1999 , 140, 2018-26	4.8	13
57	Assay of serum pyridinoline: a potential marker for bone resorption. <i>Clinica Chimica Acta</i> , 1995 , 235, 221-7 ²		13
56	ERG and FLI1 are useful immunohistochemical markers in phosphaturic mesenchymal tumors. <i>Medical Molecular Morphology</i> , 2016 , 49, 203-209	2.3	12

55	Three-dimensional fluoroscopic navigation-assisted surgery for tumors in patients with tumor-induced osteomalacia in the bones. <i>Computer Assisted Surgery</i> , 2017 , 22, 14-19	1.8	12
54	Osteomalacia caused by skull base tumors: report of 2 cases. <i>Neurosurgery</i> , 2011 , 69, E239-44; discussion E244	3.2	12
53	A new synthetic steroid, osaterone acetate (TZP-4238), increases cortical bone mass and strength by enhancing bone formation in ovariectomized rats. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 590-7	6.3	12
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