Michael A Levine

List of Publications by Year
in descending order

246 papers	14,323 citations	13068 68 h-index	24915 109 g-index
252 all docs	252 docs citations	252 times ranked	10665 citing authors

#	Article	IF	Citations
1	Genetic evidence that the human CYP2R1 enzyme is a key vitamin D 25-hydroxylase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7711-7715.	3.3	630
2	Mutation in the Gene Encoding the Stimulatory G Protein of Adenylate Cyclase in Albright's Hereditary Osteodystrophy. New England Journal of Medicine, 1990, 322, 1412-1419.	13.9	396
3	The Hypocalciuric or Benign Variant of Familial Hypercalcemia: Clinical and Biochemical Features in Fifteen Kindreds. Medicine (United States), 1981, 60, 397-412.	0.4	357
4	FGF-23 Inhibits Renal Tubular Phosphate Transport and Is a PHEX Substrate. Biochemical and Biophysical Research Communications, 2001, 284, 977-981.	1.0	320
5	Paternally Inherited Inactivating Mutations of theGNAS1Gene in Progressive Osseous Heteroplasia. New England Journal of Medicine, 2002, 346, 99-106.	13.9	284
6	Resistance to multiple hormones in patients with pseudohypoparathyroidism. American Journal of Medicine, 1983, 74, 545-556.	0.6	277
7	Evaluating Children With Fractures for Child Physical Abuse. Pediatrics, 2014, 133, e477-e489.	1.0	232
8	Epidemiology and Diagnosis of Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2284-2299.	1.8	230
9	Diagnosis and management of pseudohypoparathyroidism and related disorders: first international Consensus Statement. Nature Reviews Endocrinology, 2018, 14, 476-500.	4.3	224
10	Differential Susceptibility to Hypertension Is Due to Selection during the Out-of-Africa Expansion. PLoS Genetics, 2005, 1, e82.	1.5	208
11	Localisation of mesenchymal tumours by somatostatin receptor imaging. Lancet, The, 2002, 359, 761-763.	6.3	198
12	Tumors Associated With Oncogenic Osteomalacia Express Genes Important in Bone and Mineral Metabolism. Journal of Bone and Mineral Research, 2002, 17, 1102-1110.	3.1	195
13	Familial Dwarfism due to a Novel Mutation of the Growth Hormone-Releasing Hormone Receptor Gene¹. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 917-923.	1.8	188
14	Thresholds for Surgery and Surgical Outcomes for Patients with Primary Hyperparathyroidism: A National Survey of Endocrine Surgeons. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2658-2665.	1.8	187
15	Familial isolated hypoparathyroidism caused by a mutation in the gene for the transcription factor GCMB. Journal of Clinical Investigation, 2001, 108, 1215-1220.	3.9	183
16	Pancreatic Glucagon-Like Peptide-1 Receptor Couples to Multiple G Proteins and Activates Mitogen-Activated Protein Kinase Pathways in Chinese Hamster Ovary Cells*. Endocrinology, 1999, 140, 1132-1140.	1.4	182
17	Body Mass Index Differences in Pseudohypoparathyroidism Type 1aVersusPseudopseudohypoparathyroidism May Implicate Paternal Imprinting of Gî±s in the Development of Human Obesity. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1073-1079.	1.8	181
18	An Association between Neonatal Severe Primary Hyperparathyroidism and Familial Hypocalciuric Hypercalcemia in Three Kindreds. New England Journal of Medicine, 1982, 306, 257-264.	13.9	174

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19	Diagnosis and Management of Osteopetrosis: Consensus Guidelines From the Osteopetrosis Working Group. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3111-3123.	1.8	170
20	Growth Hormone Deficiency in Pseudohypoparathyroidism Type 1a: Another Manifestation of Multihormone Resistance. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4059-4069.	1.8	156
21	A multinational study to develop universal standardization of whole-body bone density and composition using GE Healthcare Lunar and Hologic DXA systems. Journal of Bone and Mineral Research, 2012, 27, 2208-2216.	3.1	150
22	Characterization of GATA3 Mutations in the Hypoparathyroidism, Deafness, and Renal Dysplasia (HDR) Syndrome. Journal of Biological Chemistry, 2004, 279, 22624-22634.	1.6	145
23	Clinical Implications of Genetic Defects in G Proteins: The Molecular Basis of McCune-Albright Syndrome and Albright Hereditary Osteodystrophy. Medicine (United States), 1996, 75, 171-184.	0.4	144
24	Paternal imprinting of GÎ±s in the human thyroid as the basis of TSH resistance in pseudohypoparathyroidism type 1a. Biochemical and Biophysical Research Communications, 2002, 296, 67-72.	1.0	141
25	Activity of the Stimulatory Guanine Nucleotide-Binding Protein Is Reduced in Erythrocytes from Patients with Pseudohypoparathyroidism and Pseudopseudohypoparathyroidism: Biochemical, Endocrine, and Genetic Analysis of Albright's Hereditary Osteodystrophy in Six Kindreds*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 497-502.	1.8	139
26	The cAMPâ€“Protein Kinase A Signal Transduction Pathway Modulates Ethanol Consumption and Sedative Effects of Ethanol. Journal of Neuroscience, 2001, 21, 5297-5303.	1.7	139
27	Cherubism: best clinical practice. Orphanet Journal of Rare Diseases, 2012, 7, S6.	1.2	138
28	ARAF recurrent mutation causes central conducting lymphatic anomaly treatable with a MEK inhibitor. Nature Medicine, 2019, 25, 1116-1122.	15.2	136
29	Rat cerebral cortex corticotropin-releasing hormone receptors: evidence for receptor coupling to multiple G-proteins. Journal of Neurochemistry, 2001, 76, 509-519.	2.1	135
30	Hypocalcemia in the Critically Ill patient. Journal of Intensive Care Medicine, 2013, 28, 166-177.	1.3	134
31	Clinical Implications of Guanine Nucleotideâ€“Binding Proteins as Receptorâ€“Effector Couplers. New England Journal of Medicine, 1985, 312, 26-33.	13.9	130
32	Mutations in SLC34A3/NPT2c Are Associated with Kidney Stones and Nephrocalcinosis. Journal of the American Society of Nephrology: JASN, 2014, 25, 2366-2375.	3.0	124
33	A Mouse Model of Albright Hereditary Osteodystrophy Generated by Targeted Disruption of Exon 1 of the Gnas Gene. Endocrinology, 2005, 146, 4697-4709.	1.4	122
34	Primary hyperparathyroidism. Lancet, The, 1997, 349, 1233-1238.	6.3	121
35	A Novel Spliced Variant of the Type 1 Corticotropin-Releasing Hormone Receptor with a Deletion in the Seventh Transmembrane Domain Present in the Human Pregnant Term Myometrium and Fetal Membranes. Molecular Endocrinology, 1999, 13, 2189-2202.	3.7	120
36	Isolation and Characterization of Myostatin Complementary Deoxyribonucleic Acid Clones from Two Commercially Important Fish: Oreochromis mossambicusand Morone chrysops*. Endocrinology, 2001, 142, 1412-1418.	1.4	117

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37	Maximal Urine-Concentrating Ability: Familial Hypocalciuric HypercalcemiaVersusTypical Primary Hyperparathyroidism. Journal of Clinical Endocrinology and Metabolism, 1981, 52, 736-740.	1.8	115
38	Urocortin, but Not Corticotropin-Releasing Hormone (CRH), Activates the Mitogen-Activated Protein Kinase Signal Transduction Pathway in Human Pregnant Myometrium: An Effect Mediated via R1Î± and R2Î² CRH Receptor Subtypes and Stimulation of Gq-Proteins. Molecular Endocrinology, 2000, 14, 2076-2091.	3.7	112
39	Assessment of hyperglycemia after calcium channel blocker overdoses involving diltiazem or verapamil*. Critical Care Medicine, 2007, 35, 2071-2075.	0.4	112
40	Deficiency of the Î±-Subunit of the Stimulatory G Protein and Severe Extraskeletal Ossification. Journal of Bone and Mineral Research, 2000, 15, 2074-2083.	3.1	110
41	Familial Hypocalciuric Hypercalcemia. New England Journal of Medicine, 1982, 307, 416-426.	13.9	105
42	Perinatal calcium metabolism: physiology and pathophysiology. Seminars in Fetal and Neonatal Medicine, 2004, 9, 23-36.	2.8	102
43	Hypercalcemia in children and adolescents. Current Opinion in Pediatrics, 2010, 22, 508-515.	1.0	101
44	Obesity Decreases Hepatic 25-Hydroxylase Activity Causing Low Serum 25-Hydroxyvitamin D. Journal of Bone and Mineral Research, 2019, 34, 1068-1073.	3.1	100
45	Albright hereditary osteodystrophy and del(2)(q37.3) in four unrelated individuals. American Journal of Medical Genetics Part A, 1995, 58, 1-7.	2.4	98
46	An update on the clinical and molecular characteristics of pseudohypoparathyroidism. Current Opinion in Endocrinology, Diabetes and Obesity, 2012, 19, 443-451.	1.2	94
47	CYP2R1Mutations Impair Generation of 25-hydroxyvitamin D and Cause an Atypical Form of Vitamin D Deficiency. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1005-E1013.	1.8	94
48	Mapping of the gene encoding the Î± subunit of the stimulatory G protein of adenylyl cyclase (GNAS1) to 20q13.2 â†' q13.3 in human by in situ hybridization. Genomics, 1991, 11, 478-479.	1.3	92
49	Molecular Diagnosis of Residual and Recurrent Thyroid Cancer by Amplification of Thyroglobulin Messenger Ribonucleic Acid in Peripheral Blood1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4435-4442.	1.8	92
50	Three New Mutations in the Gene for the Growth Hormone (GH)-Releasing Hormone Receptor in Familial Isolated GH Deficiency Type IB1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 273-279.	1.8	92
51	Primary hyperparathyroidism in children and adolescents. Journal of the Chinese Medical Association, 2012, 75, 425-434.	0.6	89
52	Suppression of Sclerostin Alleviates Radiation-Induced Bone Loss by Protecting Bone-Forming Cells and Their Progenitors Through Distinct Mechanisms. Journal of Bone and Mineral Research, 2017, 32, 360-372.	3.1	88
53	Coupling of the PTH/PTHrP Receptor to Multiple G-Proteins: Direct Demonstration of Receptor Activation of G_s, G_{q/11}, and G_{i(1)} by [Î± -³²P]GTP-Î³ -Azidoanilide Photoaffinity Labeling. Endocrine, 1998, 8, 201-210.	2.2	86
54	Deficient guanine nucleotide regulatory unit activity in cultured fibroblast membranes from patients with pseudohypoparathyroidism type I. A cause of impaired synthesis of 3',5'-cyclic AMP by intact and broken cells. Journal of Clinical Investigation, 1983, 72, 316-324.	3.9	84

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55	Pseudohypoparathyroidism with osteitis fibrosa cystica: Direct demonstration of skeletal responsiveness to parathyroid hormone in cells cultured from bone. Journal of Bone and Mineral Research, 1993, 8, 83-91.	3.1	83
56	National Health and Nutrition Examination Survey Whole-Body Dual-Energy X-Ray Absorptiometry Reference Data for GE Lunar Systems. Journal of Clinical Densitometry, 2014, 17, 344-377.	0.5	83
57	Vitamin D Status in Abused and Nonabused Children Younger Than 2 Years Old With Fractures. Pediatrics, 2011, 127, 835-841.	1.0	82
58	Effect of Severe Growth Hormone (GH) Deficiency due to a Mutation in the GH-Releasing Hormone Receptor on Insulin-Like Growth Factors (IGFs), IGF-Binding Proteins, and Ternary Complex Formation Throughout Life1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4118-4126.	1.8	81
59	Autosomal Dominant Hypoparathyroidism Caused by Germline Mutation inGNA11: Phenotypic and Molecular Characterization. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1774-E1783.	1.8	79
60	Familial Isolated Hypoparathyroidism. Medicine (United States), 1986, 65, 73-81.	0.4	77
61	Chromosomal localization of the genes encoding two forms of the G protein Î² polypeptide, Î²1 and Î²3, in man. Genomics, 1990, 8, 380-386.	1.3	77
62	The role of SH3BP2 in the pathophysiology of cherubism. Orphanet Journal of Rare Diseases, 2012, 7, S5.	1.2	77
63	CYP3A4 mutation causes vitamin Dâ€“dependent rickets type 3. Journal of Clinical Investigation, 2018, 128, 1913-1918.	3.9	77
64	Olfactory dysfunction in humans with deficient guanine nucleotide-binding protein. Nature, 1986, 322, 635-636.	13.7	75
65	Molecular Pathogenesis of Hypophosphatemic Rickets. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2467-2473.	1.8	74
66	Decreased Expression of the GHRH Receptor Gene Due to a Mutation in a Pit-1 Binding Site. Molecular Endocrinology, 2002, 16, 450-458.	3.7	73
67	Pathogenic variant in EPHB4 results in central conducting lymphatic anomaly. Human Molecular Genetics, 2018, 27, 3233-3245.	1.4	73
68	CYP3A4 Induction by Rifampin: An Alternative Pathway for Vitamin D Inactivation in Patients With CYP24A1 Mutations. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1440-1446.	1.8	72
69	Thyroid-Specific Expression of Cholera Toxin A1 Subunit Causes Thyroid Hyperplasia and Hyperthyroidism in Transgenic Mice*. Endocrinology, 1997, 138, 3133-3140.	1.4	71
70	Cinacalcet Monotherapy in Neonatal Severe Hyperparathyroidism: A Case Study and Review. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 7-11.	1.8	71
71	Mutations in the ABCC6 Gene as a Cause of Generalized Arterial Calcification of Infancy: Genotypic Overlap with Pseudoxanthoma Elasticum. Journal of Investigative Dermatology, 2014, 134, 658-665.	0.3	70
72	Regulation of Corticotropin-Releasing Hormone Receptor Type 1Î± Signaling: Structural Determinants for G Protein-Coupled Receptor Kinase-Mediated Phosphorylation and Agonist-Mediated Desensitization. Molecular Endocrinology, 2005, 19, 474-490.	3.7	68

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73	Clinical Implications of Genetic Defects in G Proteins. Archives of Medical Research, 1999, 30, 522-531.	1.5	67
74	Consensus Development for the Supplementation of Vitamin D in Childhood and Adolescence. Hormone Research in Paediatrics, 2002, 58, 39-51.	0.8	66
75	Selective Resistance to Parathyroid Hormone Caused by a Novel Uncoupling Mutation in the Carboxyl Terminus of GÎ±s. Journal of Biological Chemistry, 2001, 276, 165-171.	1.6	65
76	Infantile hypothyroidism in two sibs: An unusual presentation of pseudohypoparathyroidism type Ia. Journal of Pediatrics, 1985, 107, 919-922.	0.9	60
77	Immunochemical Analysis of theÎ±-Subunit of the Stimulatory G-Protein of Adenylyl Cyclase in Patients with Albright's Hereditary Osteodystrophy*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1208-1214.	1.8	59
78	Reproductive Dysfunction in Women with Albrightâ€™s Hereditary Osteodystrophy1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 824-829.	1.8	59
79	Recombinant Human Parathyroid Hormone Effect on Health-Related Quality of Life in Adults With Chronic Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 722-731.	1.8	59
80	Pseudohypoparathyroidism. Endocrinology and Metabolism Clinics of North America, 2018, 47, 865-888.	1.2	59
81	Thresholds for Surgery and Surgical Outcomes for Patients with Primary Hyperparathyroidism: A National Survey of Endocrine Surgeons. , 0, .		59
82	Hormonal Tolerance to Ethanol is Associated with Decreased Expression of the GTP-Binding Protein, Gsalpha, and Adenylyl Cyclase Activity in Ethanol-Treated LS Mice. Alcoholism: Clinical and Experimental Research, 1991, 15, 705-710.	1.4	58
83	A Novel Loss-of-Function Mutation, Gln459Arg, of the Calcium-Sensing Receptor Gene Associated with Apparent Autosomal Recessive Inheritance of Familial Hypocalciuric Hypercalcemia. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4372-4379.	1.8	58
84	Hypophosphatemic Rickets with Hypercalciuria due to Mutation inSLC34A3/Type IIc Sodium-Phosphate Cotransporter: Presentation as Hypercalciuria and Nephrolithiasis. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4433-4438.	1.8	57
85	Short-Term Safety of Zoledronic Acid in Young Patients With Bone Disorders: An Extensive Institutional Experience. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4163-4171.	1.8	57
86	The effects of bisphosphonates on ectopic soft tissue mineralization caused by mutations in the ABCC6 gene. Cell Cycle, 2015, 14, 1082-1089.	1.3	57
87	A new missense mutation in the growth hormone-releasing hormone receptor gene in familial isolated GH deficiency. European Journal of Endocrinology, 2003, 148, 25-30.	1.9	55
88	Probing the Bimolecular Interactions of Parathyroid Hormone and the Human Parathyroid Hormone/Parathyroid Hormone-Related Protein Receptor. 2. Cloning, Characterization, and Photoaffinity Labeling of the Recombinant Human Parathyroid Hormone/Parathyroid Hormone-Related Protein Receptor. Biochemistry, 1995, 34, 10553-10559.	1.2	53
89	The etiology and significance of fractures in infants and young children: a critical multidisciplinary review. Pediatric Radiology, 2016, 46, 591-600.	1.1	52
90	CYP2R1 mutations causing vitamin D-deficiency rickets. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 333-336.	1.2	52

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91	Identification of Signaling Molecules Mediating Corticotropin-Releasing Hormone-R1Î±-Mitogen-Activated Protein Kinase (MAPK) Interactions: The Critical Role of Phosphatidylinositol 3-Kinase in Regulating ERK1/2 But Not p38 MAPK Activation. Molecular Endocrinology, 2006, 20, 3179-3195.	3.7	51
92	A Proposed Role for Chromogranin A as a Glucocorticoid-Responsive Autocrine Inhibitor of Proopiomelanocortin Secretion*. Endocrinology, 1991, 128, 1345-1351.	1.4	50
93	Multidisciplinary guidelines for initial evaluation of complicated lymphatic anomaliesâ€"expert opinion consensus. Pediatric Blood and Cancer, 2020, 67, e28036.	0.8	50
94	Evidence for Normal Antidiuretic Responses to Endogenous and Exogenous Arginine Vasopressin in Patients with Guanine Nucleotide-Binding Stimulatory Protein-Deficient Pseudohypoparathyroidism*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 221-224.	1.8	48
95	Inhibition of Glucose-Stimulated Insulin Release in the Perfused Rat Pancreas by Parathyroid Secretory Protein-I (Chromogranin-A)*. Endocrinology, 1989, 124, 1235-1238.	1.4	48
96	Protein Kinase A-Induced Negative Regulation of the Corticotropin-Releasing Hormone R1Î± Receptor-Extracellularly Regulated Kinase Signal Transduction Pathway: The Critical Role of Ser301for Signaling Switch and Selectivity. Molecular Endocrinology, 2004, 18, 624-639.	3.7	48
97	Identification of a novel mutation ofSH3BP2in cherubism and demonstration thatSH3BP2mutations lead to increased NFAT activation. Human Mutation, 2006, 27, 717-718.	1.1	48
98	Comparison of metabolism of vitamins D2 and D3 in children with nutritional rickets. Journal of Bone and Mineral Research, 2010, 25, 1988-1995.	3.1	48
99	Is McCune-Albright syndrome overlooked in subjects with fibrous dysplasia of bone?. Journal of Pediatrics, 2003, 142, 532-538.	0.9	47
100	Isolated growth hormone (GH) deficiency due to compound heterozygosity for two new mutations in the GH-releasing hormone receptor gene. Clinical Endocrinology, 2001, 54, 681-687.	1.2	46
101	Discordance between Genetic and Epigenetic Defects in Pseudohypoparathyroidism Type 1b Revealed by Inconsistent Loss of Maternal Imprinting at GNAS1. American Journal of Human Genetics, 2003, 73, 314-322.	2.6	46
102	Reduction in Gs?? Induces Osteogenic Differentiation in Human Mesenchymal Stem Cells. Clinical Orthopaedics and Related Research, 2005, &NA;, 231-238.	0.7	46
103	Safety and Efficacy of 5 Years of Treatment With Recombinant Human Parathyroid Hormone in Adults With Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5136-5147.	1.8	46
104	Inhibition of Tissue-Nonspecific Alkaline Phosphatase Attenuates Ectopic Mineralization in the Abcc6 Mouse Model of PXE but Not in the Enpp1 Mutant Mouse Models of GACI. Journal of Investigative Dermatology, 2019, 139, 360-368.	0.3	46
105	Assessing bone health in children and adolescents. Indian Journal of Endocrinology and Metabolism, 2012, 16, 205.	0.2	46
106	Enhanced Expression of the Inhibitory Protein Gi2alpha and Decreased Activity of Adenylyl Cyclase in Lymphocytes of Abstinent Alcoholics. Alcoholism: Clinical and Experimental Research, 1993, 17, 315-320.	1.4	44
107	Analysis of theGCM2Gene in Isolated Hypoparathyroidism: A Molecular and Biochemical Study. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1426-1432.	1.8	44
108	Prospective phenotyping of long-term survivors of generalized arterial calcification of infancy (GACI). Genetics in Medicine, 2021, 23, 396-407.	1.1	44

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109	Genetic Basis for Resistance to Parathyroid Hormone. Hormone Research in Paediatrics, 2003, 60, 87-95.	0.8	43
110	Normal parathyroid hormone responsiveness of bone-derived cells from a patient with pseudohypoparathyroidism. Journal of Bone and Mineral Research, 1996, 11, 8-14.	3.1	43
111	Recommendations for Diagnosis and Treatment of Pseudohypoparathyroidism and Related Disorders: An Updated Practical Tool for Physicians and Patients. Hormone Research in Paediatrics, 2020, 93, 182-196.	0.8	42
112	A Highly Sensitive Polymerase Chain Reaction Method Detects Activating Mutations of the <it>GNAS</it> Gene in Peripheral Blood Cells in McCune-Albright Syndrome or Isolated Fibrous Dysplasia. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2489.	1.4	41
113	Resting Energy Expenditure Is Decreased in Pseudohypoparathyroidism Type 1A. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 880-888.	1.8	41
114	Inherited non-alcoholic fatty liver disease and dyslipidemia due to monoallelic ABHD5 mutations. Journal of Hepatology, 2019, 71, 366-370.	1.8	41
115	Madelung-Like Deformity in Pseudohypoparathyroidism Type 1b. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1507-E1511.	1.8	40
116	Dual Effects of Bisphosphonates onÂEctopicÂSkin and Vascular Soft TissueÂMineralization versus Bone Microarchitecture in a Mouse Model of Generalized Arterial Calcification of Infancy. Journal of Investigative Dermatology, 2016, 136, 275-283.	0.3	40
117	ABSENT HEMATURIA AND EXPENSIVE COMPUTERIZED TOMOGRAPHY: CASE CHARACTERISTICS OF EMERGENCY UROLITHIASIS. Journal of Urology, 2001, 165, 782-784.	0.2	39
118	Diagnosis and Management of Vitamin D Dependent Rickets. Frontiers in Pediatrics, 2020, 8, 315.	0.9	39
119	Impairedî²-adrenergic Receptor Activation of Adenylyl Cyclase in Airway Smooth Muscle in the Basenji-Greyhound Dog Model of Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 668-675.	1.4	38
120	Bone Mineral Density in Pseudohypoparathyroidism Type 1a. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4465-4475.	1.8	38
121	Pseudohypoparathyroidism: From Bedside to Bench and Back. Journal of Bone and Mineral Research, 1999, 14, 1255-1260.	3.1	37
122	Differential Responses of Corticotropin-Releasing Hormone Receptor Type 1 Variants to Protein Kinase C Phosphorylation. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 1032-1042.	1.3	37
123	SH3BP2 is an activator of NFAT activity and osteoclastogenesis. Biochemical and Biophysical Research Communications, 2008, 371, 644-648.	1.0	37
124	Cost implications of different surgical management strategies for primary hyperparathyroidism. Surgery, 1998, 124, 1028-1036.	1.0	36
125	Digenic Inheritance of PROKR2 and WDR11 Mutations in Pituitary Stalk Interruption Syndrome. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2501-2507.	1.8	36
126	Isolation and Characterization of Myostatin Complementary Deoxyribonucleic Acid Clones from Two Commercially Important Fish: Oreochromis mossambicusand Morone chrysops. , 0, .		36

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127	A Meta-Analysis Comparing the Biochemistry of Primary Hyperparathyroidism in Youths to the Biochemistry of Primary Hyperparathyroidism in Adults. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4555-4564.	1.8	35
128	Exome Sequencing Reveals Mutations in AIRE as a Cause of Isolated Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1726-1733.	1.8	35
129	Clinical spectrum and pathogenesis of pseudohypoparathyroidism. Reviews in Endocrine and Metabolic Disorders, 2000, 1, 265-274.	2.6	34
130	Heterotopic Ossifications in a Mouse Model of Albright Hereditary Osteodystrophy. PLoS ONE, 2011, 6, e21755.	1.1	34
131	The McCuneâ€“Albright Syndrome. New England Journal of Medicine, 1991, 325, 1738-1740.	13.9	32
132	Expression of GCMB by Intrathymic Parathyroid Hormone-Secreting Adenomas Indicates Their Parathyroid Cell Origin. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 8-12.	1.8	31
133	Late-onset hereditary hypophosphatemic rickets with hypercalciuria (HHRH) due to mutation of SLC34A3/NPT2c. Bone, 2017, 97, 15-19.	1.4	30
134	Genetic Disorders of Parathyroid Development and Function. Endocrinology and Metabolism Clinics of North America, 2018, 47, 809-823.	1.2	29
135	Structural Determinants Critical for Localization and Signaling within the Seventh Transmembrane Domain of the Type 1 Corticotropin Releasing Hormone Receptor: Lessons from the Receptor Variant R1d. Molecular Endocrinology, 2008, 22, 2505-2519.	3.7	28
136	Mendelian randomization analysis demonstrates that low vitamin D is unlikely causative for pediatric asthma. Journal of Allergy and Clinical Immunology, 2016, 138, 1747-1749.e4.	1.5	28
137	Intraoperative Measurements of Urinary Cyclic Amp to Guide Surgery for Primary Hyperparathyroidism. New England Journal of Medicine, 1980, 303, 1457-1460.	13.9	27
138	Olfactory Dysfunction in Type I Pseudohypoparathyroidism: Dissociation from G_sÎ± Protein Deficiency¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 247-250.	1.8	26
139	Absence of mutations in the growth hormone (GH)-releasing hormone receptor gene in GH-secreting pituitary adenomas. Clinical Endocrinology, 2001, 54, 301-307.	1.2	26
140	Proteasome inhibitor bortezomib is a novel therapeutic agent for focal radiationâ€induced osteoporosis. FASEB Journal, 2018, 32, 52-62.	0.2	26
141	Etidronate prevents, but does not reverse, ectopic mineralization in a mouse model of pseudoxanthoma elasticum (Abcc6â^'/â^'). Oncotarget, 2018, 9, 30721-30730.	0.8	26
142	Clinical Management of Primary Hyperparathyroidism and Thresholds for Surgical Referral: A National Study Examining Concordance Between Practice Patterns and Consensus Panel Recommendations. Endocrine Practice, 2003, 9, 494-503.	1.1	25
143	Association of Mutations in SLC12A1 Encoding the NKCC2 Cotransporter With Neonatal Primary Hyperparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2196-2200.	1.8	25
144	READMISSION TO AN INTENSIVE CARE UNIT AFTER LUNG TRANSPLANTATION: EXPERIENCE OF A SINGLE CENTER. Chest, 2005, 128, 1951-7.	0.4	25

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145	Pseudohypoparathyroidism 1b: Exclusion of Parathyroid Hormone and Its Receptors as Candidate Disease Genes1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 2239-2246.	1.8	23
146	Pseudohypoparathyroidism Type 1A and Morbid Obesity in Infancy. Endocrine Practice, 2009, 15, 249-253.	1.1	23
147	Structural domains determining signalling characteristics of the CRH-receptor type 1 variant R1Î² and response to PKC phosphorylation. Cellular Signalling, 2008, 20, 40-49.	1.7	22
148	A comprehensive study of long-term skeletal changes after spinal cord injury in adult rats. Bone Research, 2015, 3, 15028.	5.4	22
149	Low bone mineral density is a common finding in patients with homocystinuria. Molecular Genetics and Metabolism, 2016, 117, 351-354.	0.5	22
150	Decreased Expression of the GHRH Receptor Gene Due to a Mutation in a Pit-1 Binding Site. , 0, .		22
151	Primary hyperparathyroidism in children and adolescents: the Johns Hopkins Children's Center experience 1984-2001. Journal of Bone and Mineral Research, 2002, 17 Suppl 2, N44-50.	3.1	21
152	The Pseudohypoparathyroidism Type 1b Locus Is Linked to a Region Including GNAS1 at 20q13.3. Journal of Bone and Mineral Research, 2003, 18, 424-433.	3.1	20
153	Thyroid-Specific Expression of Cholera Toxin A1 Subunit Causes Thyroid Hyperplasia and Hyperthyroidism in Transgenic Mice. , 0, .		20
154	Preimplantation Genetic Diagnosis for Severe Albright Hereditary Osteodystrophy. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 901-904.	1.8	19
155	Outcomes of minimally invasive parathyroidectomy in pediatric patients with primary hyperparathyroidism owing to parathyroid adenoma: A single institution experience. Journal of Pediatric Surgery, 2017, 52, 188-191.	0.8	19
156	Teriparatide as a Systemic Treatment for Lower Extremity Nonunion Fractures: A Case Series. Endocrine Practice, 2015, 21, 136-142.	1.1	18
157	Digenic Heterozygous Mutations in SLC34A3 and SLC34A1 Cause Dominant Hypophosphatemic Rickets with Hypercalciuria. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2392-2400.	1.8	18
158	Rapid parathyroid hormone measurement during venous localization. Clinica Chimica Acta, 2000, 295, 193-198.	0.5	17
159	SH3BP2 Is Rarely Mutated in Exon 9 in Giant Cell Lesions Outside Cherubism. Clinical Orthopaedics and Related Research, 2007, 459, 22-27.	0.7	17
160	Determination of Reference Intervals for Serum Total Calcium in the Vitamin D-Replete Pediatric Population. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1946-E1950.	1.8	17
161	Decreased Serum 25-Hydroxyvitamin D in Aging Male Mice Is Associated With Reduced Hepatic Cyp2r1 Abundance. Endocrinology, 2018, 159, 3083-3089.	1.4	17
162	Bones and Joints: The Effects of Cannabinoids on the Skeleton. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4683-4694.	1.8	17

#	Article	IF	Citations
163	The Inhibitory Adenylate Cyclase Coupling Protein in Pseudohypoparathyroidism*. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 351-354.	1.8	16
164	Targeted Disruption of Gnas in Embryonic Stem Cells*. Endocrinology, 1997, 138, 4058-4063.	1.4	16
165	Pseudohypoparathyroidism. , 2001, , 807-825.		16
166	25-Hydroxyvitamin D Can Interfere With a Common Assay for 1,25-Dihydroxyvitamin D in Vitamin D Intoxication. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2883-2889.	1.8	16
167	Single Gland, Ectopic Location: Adenomas are Common Causes of Primary Hyperparathyroidism in Children and Adolescents. World Journal of Surgery, 2020, 44, 1518-1525.	0.8	16
168	Parenteral iron therapy and phosphorus homeostasis: A review. American Journal of Hematology, 2021, 96, 606-616.	2.0	16
169	Balanced rearrangement of chromosomes 2, 5, and 13 in a family with duplication 5q and fetal loss. American Journal of Medical Genetics Part A, 1984, 19, 783-790.	2.4	15
170	Normal Mineral Homeostasis. , 2003, 6, 14-33.		15
171	Persistent Hypercalcemia After Parathyroidectomy in an Adolescent and Effect of Treatment With Cinacalcet HCl. Clinical Chemistry, 2006, 52, 2286-2293.	1.5	15
172	Heterozygous Mutations in TBX1 as a Cause of Isolated Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4023-4032.	1.8	15
173	Short Stature is Progressive in Patients with Heterozygous NPR2 Mutations. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3190-3202.	1.8	15
174	Response of the ENPP1-Deficient Skeletal Phenotype to Oral Phosphate Supplementation and/or Enzyme Replacement Therapy: Comparative Studies in Humans and Mice. Journal of Bone and Mineral Research, 2020, 36, 942-955.	3.1	15
175	Stress alters adenylyl cyclase activity in the pituitary and frontal cortex of the rat. Life Sciences, 1993, 53, 1719-1727.	2.0	14
176	A novel mutation in the GCM2 gene causing severe congenital isolated hypoparathyroidism. Journal of Pediatric Endocrinology and Metabolism, 2012, 25, 741-6.	0.4	14
177	Mapping Structural Determinants within Third Intracellular Loop That Direct Signaling Specificity of Type 1 Corticotropin-releasing Hormone Receptor. Journal of Biological Chemistry, 2012, 287, 8974-8985.	1.6	14
178	Ketotic Hypercalcemia: A Case Series and Description of a Novel Entity. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1531-1536.	1.8	14
179	Generation of mice encoding a conditional null allele of Gcm2. Transgenic Research, 2014, 23, 631-641.	1.3	13
180	Exome sequencing reveals a nonsense mutation in MMP13 as a new cause of autosomal recessive metaphyseal anadysplasia. European Journal of Human Genetics, 2015, 23, 264-266.	1.4	13

#	Article	IF	Citations
181	Hypercalcemia in Children Using the Ketogenic Diet: A Multicenter Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e485-e495.	1.8	13
182	ENPP1 variants in patients with GACI and PXE expand the clinical and genetic heterogeneity of heritable disorders of ectopic calcification. PLoS Genetics, 2022, 18, e1010192.	1.5	13
183	Reduced adenylyl cyclase activation with no decrease in Î²-adrenergic receptors in basenji greyhound leukocytes: Relevance to Î²-adrenergic responses in airway smooth muscle. Journal of Allergy and Clinical Immunology, 1995, 95, 860-867.	1.5	12
184	Acute Diaphragmatic Rupture in a Patient with Ehlers-Danlos Syndrome. Journal of Emergency Medicine, 2011, 41, 366-368.	0.3	12
185	Gestational Gigantomastia Complicated by PTHrP-Mediated Hypercalcemia. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3124-3130.	1.8	12
186	High-throughput Molecular Analysis of Pseudohypoparathyroidism 1b Patients Reveals Novel Genetic and Epigenetic Defects. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4603-e4620.	1.8	12
187	Three Novel Mutations in the PHEX Gene in Chinese Subjects with Hypophosphatemic Rickets Extends Genotypic Variability. Calcified Tissue International, 2011, 88, 370-377.	1.5	11
188	Differentiation of PTH-Expressing Cells From Human Pluripotent Stem Cells. Endocrinology, 2020, 161, .	1.4	11
189	Asthma, Allergy, and Airway Hyperresponsiveness Are Not Linked to the Î²2-Adrenoceptor Gene. Chest, 2002, 121, 722-731.	0.4	10
190	Imprinting Status of GÎ±_S, NESP55, and XLÎ±s in Cell Cultures Derived from Human Embryonic Germ Cells: GNAS Imprinting in Human Embryonic Germ Cells. Clinical and Translational Science, 2009, 2, 355-360.	1.5	10
191	Compound heterozygous mutations in COL1A1 associated with an atypical form of type I osteogenesis imperfecta. American Journal of Medical Genetics, Part A, 2017, 173, 1907-1912.	0.7	9
192	Burosumab treatment of children with X-linked hypophosphataemic rickets. Lancet, The, 2019, 393, 2364-2366.	6.3	9
193	Pseudohypoparathyroidism. , 2002, , 1137-1163.		9
194	SH3BP2 mutations potentiate osteoclastogenesis via PLCÎ³. Journal of Orthopaedic Research, 2010, 28, 1425-1430.	1.2	8
195	Mild Idiopathic Infantile Hypercalcemiaâ€"Part 1: Biochemical and Genetic Findings. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2915-2937.	1.8	8
196	Primary hyperparathyroidism: 7,000 years of progress.. Cleveland Clinic Journal of Medicine, 2005, 72, 1084-1085.	0.6	7
197	An Update on Vitamin D Deficiency in the twenty-first century. Current Opinion in Endocrinology, Diabetes and Obesity, 2021, Publish Ahead of Print, .	1.2	7
198	Expression of Chromogranin-A Messenger Ribonucleic Acid in Parathyroid Tissue from Patients with Primary Hyperparathyroidism*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1668-1673.	1.8	6

#	Article	IF	Citations
199	Analysis of short-term treatment with the phosphodiesterase type 5 inhibitor tadalafil on long bone development in young rats. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E446-E453.	1.8	6
200	Mild Idiopathic Infantile Hypercalcemiaâ€"Part 2: A Longitudinal Observational Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2938-2948.	1.8	6
201	Chapter 75. Hypoparathyroidism and Pseudohypoparathyroidism. , 0, , 354-361.		6
202	Recombinant human parathyroid hormone (1â€"84) is effective in CASR-associated hypoparathyroidism. European Journal of Endocrinology, 2020, 183, K13-K21.	1.9	6
203	Intragenic Deletions of GNAS in Pseudohypoparathyroidism Type 1A Identify a New Region Affecting Methylation of Exon A/B. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3197-e3206.	1.8	6
204	Cloning and characterization of the human SH3BP2 promoter. Biochemical and Biophysical Research Communications, 2012, 425, 25-32.	1.0	5
205	Differential Frequency of CYP2R1 Variants Across Populations Reveals Pathway Selection for Vitamin D Homeostasis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1302-1315.	1.8	5
206	Chest pain and arthritis. Journal of Emergency Medicine, 2005, 29, 91-95.	0.3	4
207	Decreased SH3BP2 inhibits osteoclast differentiation and function. Journal of Orthopaedic Research, 2011, 29, 1521-1527.	1.2	4
208	Receptor transduction pathways mediating hormone action. , 2014, , 34-89.e2.		4
209	Disorders of Mineral Metabolism II. Abnormalities of Mineral Homeostasis in the Newborn, Infant, Child, and Adolescent. , 2021, , 705-813.		4
210	A HIGHLY SENSITIVE POLYMERASE CHAIN REACTION METHOD DETECTS ACTIVATING MUTATIONS OF THE GNAS GENE IN PERIPHERAL BLOOD CELLS IN MCCUNE-ALBRIGHT SYNDROME OR ISOLATED FIBROUS DYSPLASIA. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2489-2494.	1.4	4
211	Neonatal severe hyperparathyroidism due to a homozygous mutation of calcium-sensing receptor; a challenging case. Ceylon Medical Journal, 2020, 64, 155.	0.1	4
212	Pitfalls with Vitamin D Research in Musculoskeletal Disorders and Recommendations on How to Avoid Them. JCRPE Journal of Clinical Research in Pediatric Endocrinology, 2019, 11, 220-226.	0.4	4
213	Mutation update: Variants of the ENPP1 gene in pathologic calcification, hypophosphatemic rickets, and cutaneous hypopigmentation with punctate keratoderma. Human Mutation, 2022, 43, 1183-1200.	1.1	4
214	The PARADIGHM (physicians advancing disease knowledge in hypoparathyroidism) registry for patients with chronic hypoparathyroidism: study protocol and interim baseline patient characteristics. BMC Endocrine Disorders, 2021, 21, 232.	0.9	3
215	Weakness and mental status change. Journal of Emergency Medicine, 2006, 30, 341-344.	0.3	2
216	Molecular and Clinical Aspects of Pseudohypoparathyroidism. , 2015, , 781-805.		2

#	Article	IF	Citations
217	Primary Hyperparathyroidism in Children and Adolescents. , 2015, , 389-399.		2
218	The Role of Genetic Variation in CYP2R1, the Principal Vitamin D 25-Hydroxylase, in Vitamin D Homeostasis. , 2018, , 303-315.		2
219	Response to Letter to the Editor: â€œGestational Gigantomastia Complicated by PTHrP-Mediated Hypercalcemiaâ€. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5100-5101.	1.8	2
220	A painting of the Christ Child with bowed legs: Rickets in the Renaissance. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2021, 187, 216-218.	0.7	2
221	Disorders of the Parathyroid Gland. , 2006, , 357-364.		2
222	Hypocalcemia as the Initial Presentation of Type 2 Bartter Syndrome: A Family Report. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1679-e1688.	1.8	2
223	Biochemical markers of bone metabolism: application to understanding bone remodeling in children and adolescents. Journal of Pediatric Endocrinology and Metabolism, 2003, 16 Suppl 3, 661-72.	0.4	2
224	Novel PTH Gene Mutations Causing Isolated Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2449-e2458.	1.8	2
225	Longitudinal assessment of vascular calcification in generalized arterial calcification of infancy. Pediatric Radiology, 2022, 52, 2329-2341.	1.1	2
226	Membrane Association of Soluble Protein Activators of Rat Liver Adenylate Cyclase Evidence for Distinctness from the Guanine Nucleotide-binding Stimulating Protein (NS). Endocrine Research, 1986, 12, 269-291.	0.6	1
227	[24] Molecular methods for analysis of genetic polymorphisms: Application to the molecular genetic study of genes encoding Î²2-adrenoceptor and stimulatory G protein Î± subunit. Methods in Neurosciences, 1996, 29, 379-400.	0.5	1
228	Pathological calcification and the mystery of Lot's wife. Cell Cycle, 2015, 14, 3354-3355.	1.3	1
229	Vitamin D Therapy and the Era of Precision Medicine. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e891-e893.	1.8	1
230	Long-acting Growth Hormone Therapy: A REAL3 Alternative to Daily Growth Hormone Treatment?. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1921-e1924.	1.8	1
231	Receptor Transduction Pathways Mediating Hormone Action. , 2021, , 30-85.		1
232	Genetic Causes of Hypoparathyroidism. , 2005, , 159-178.		1
233	Vitamin D Metabolism or Action. , 2013, , 1-28.		0
234	The Coming of Age of Hypoparathyroidism: Novel Insights into Causation, Innovative Options for Management. Endocrinology and Metabolism Clinics of North America, 2018, 47, xv-xvi.	1.2	0

#	Article	IF	Citations
235	Response to: Obesity and Vitamin D Metabolism Modifications. Journal of Bone and Mineral Research, 2019, 34, 1384-1384.	3.1	0
236	SAT-399 Baseline Characteristics from the Observational PARADIGHM Registry of Patients with Chronic Hypoparathyroidism. Journal of the Endocrine Society, 2020, 4, .	0.1	0
237	Vitamin D Metabolism or Action. , 2021, , 335-372.		0
238	The Molecular Basis for Parathyroid Hormone Resistance in Pseudohypoparathyroidism. , 2000, , 179-209.		0
239	Signal Transduction of PTH and PTHrP. , 2001, , 117-126.		0
240	Guidelines for the Medical and Surgical Management of Primary Hyperparathyroidism. , 2001, , 451-457.		0
241	Genetic Control of Parathyroid Gland Development and Molecular Insights into Hypoparathyroidism. , 2002, , 181-192.		0
242	Hypoparathyroidism and Pseudohypoparathyroidism. , 1998, , 501-529.		0
243	Pseudohypoparathyroidism. , 1999, , 39-58.		0
244	Hypoparathyroidism in Children. , 2020, , 79-97.		0
245	MON-074 Ketotic Hypercalcemia; A Possible Side Effect of Managing Refractory Epilepsy with Ketogenic Diet. Journal of the Endocrine Society, 2020, 4, .	0.1	0
246	Hypoparathyroidism in pediatric patients. , 2020, , 93-106.		0