

Michael F Holick

List of Publications by Year in descending order

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704
papers

100,068
citations

366

135
h-index

250

301
g-index

726
all docs

726
docs citations

726
times ranked

42364
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D Deficiency. <i>New England Journal of Medicine</i> , 2007, 357, 266-281.	13.9	12,281
2	Evaluation, Treatment, and Prevention of Vitamin D Deficiency: an Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1911-1930.	1.8	7,964
3	Decreased bioavailability of vitamin D in obesity. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 690-693.	2.2	2,637
4	Sunlight and vitamin D for bone health and prevention of autoimmune diseases, cancers, and cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1678S-1688S.	2.2	2,136
5	Vitamin D deficiency: a worldwide problem with health consequences. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1080S-1086S.	2.2	2,010
6	High Prevalence of Vitamin D Inadequacy and Implications for Health. <i>Mayo Clinic Proceedings</i> , 2006, 81, 353-373.	1.4	1,655
7	Estimates of optimal vitamin D status. <i>Osteoporosis International</i> , 2005, 16, 713-716.	1.3	1,592
8	Influence of Season and Latitude on the Cutaneous Synthesis of Vitamin D ₃ : Exposure to Winter Sunlight in Boston and Edmonton Will Not Promote Vitamin D ₃ Synthesis in Human Skin*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 373-378.	1.8	1,493
9	Vitamin D: importance in the prevention of cancers, type 1 diabetes, heart disease, and osteoporosis. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 362-371.	2.2	1,387
10	Vitamin D Status: Measurement, Interpretation, and Clinical Application. <i>Annals of Epidemiology</i> , 2009, 19, 73-78.	0.9	1,238
11	Human serum 25-hydroxycholecalciferol response to extended oral dosing with cholecalciferol. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 204-210.	2.2	1,208
12	Aging decreases the capacity of human skin to produce vitamin D ₃ . <i>Journal of Clinical Investigation</i> , 1985, 76, 1536-1538.	3.9	1,144
13	Resurrection of vitamin D deficiency and rickets. <i>Journal of Clinical Investigation</i> , 2006, 116, 2062-2072.	3.9	1,124
14	Vitamin D: A millenium perspective. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 296-307.	1.2	1,100
15	Redefining vitamin D insufficiency. <i>Lancet, The</i> , 1998, 351, 805-806.	6.3	1,021
16	INCREASED SKIN PIGMENT REDUCES THE CAPACITY OF SKIN TO SYNTHESISE VITAMIN D ₃ . <i>Lancet, The</i> , 1982, 319, 74-76.	6.3	953
17	The vitamin D deficiency pandemic: Approaches for diagnosis, treatment and prevention. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2017, 18, 153-165.	2.6	944
18	Vitamin D for Health: A Global Perspective. <i>Mayo Clinic Proceedings</i> , 2013, 88, 720-755.	1.4	917

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19	The Role of Vitamin D in Cancer Prevention. American Journal of Public Health, 2006, 96, 252-261.	1.5	854
20	Epidemic influenza and vitamin D. Epidemiology and Infection, 2006, 134, 1129-1140.	1.0	834
21	Prevalence of Vitamin D Inadequacy among Postmenopausal North American Women Receiving Osteoporosis Therapy. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3215-3224.	1.8	789
22	Sunlight and Vitamin D. Dermato-Endocrinology, 2013, 5, 51-108.	1.9	742
23	Maternal Vitamin D Deficiency Increases the Risk of Preeclampsia. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3517-3522.	1.8	732
24	Photosynthesis of previtamin D3 in human skin and the physiologic consequences. Science, 1980, 210, 203-205.	6.0	689
25	Vitamin D2 Is as Effective as Vitamin D3 in Maintaining Circulating Concentrations of 25-Hydroxyvitamin D. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 677-681.	1.8	679
26	Vitamin D effects on musculoskeletal health, immunity, autoimmunity, cardiovascular disease, cancer, fertility, pregnancy, dementia and mortalityâ€”A review of recent evidence. Autoimmunity Reviews, 2013, 12, 976-989.	2.5	655
27	Vitamin D Deficiency. Journal of the American College of Cardiology, 2008, 52, 1949-1956.	1.2	654
28	Environmental factors that influence the cutaneous production of vitamin D. American Journal of Clinical Nutrition, 1995, 61, 638S-645S.	2.2	645
29	Control of 25-Hydroxycholecalciferol Metabolism by Parathyroid Glands. Proceedings of the National Academy of Sciences of the United States of America, 1972, 69, 1673-1676.	3.3	623
30	1,25-Dihydroxycholecalciferol: A Potent Stimulator of Bone Resorption in Tissue Culture. Science, 1972, 175, 768-769.	6.0	620
31	The urgent need to recommend an intake of vitamin D that is effective. American Journal of Clinical Nutrition, 2007, 85, 649-650.	2.2	591
32	SPECIFIC HIGH-AFFINITY RECEPTORS FOR 1,25-DIHYDROXYVITAMIN D ₃ IN HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS: PRESENCE IN MONOCYTES AND INDUCTION IN T LYMPHOCYTES FOLLOWING ACTIVATION. Journal of Clinical Endocrinology and Metabolism, 1983, 57, 1308-1310.	1.8	577
33	McCormick Award Lecture, 1994: Vitamin Dâ€”new horizons for the 21st century. American Journal of Clinical Nutrition, 1994, 60, 619-630.	2.2	571
34	Vitamin D insufficiency among free-living healthy young adults. American Journal of Medicine, 2002, 112, 659-662.	0.6	564
35	Sunscreens Suppress Cutaneous Vitamin D ₃ Synthesis*. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 1165-1168.	1.8	537
36	Vitamin D â€” Effects on Skeletal and Extraskeletal Health and the Need for Supplementation. Nutrients, 2013, 5, 111-148.	1.7	531

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37	Regulation of cutaneous previtamin D3 photosynthesis in man: skin pigment is not an essential regulator. <i>Science</i> , 1981, 211, 590-593.	6.0	504
38	Immunologic Effects of Vitamin D on Human Health and Disease. <i>Nutrients</i> , 2020, 12, 2097.	1.7	495
39	Guidelines for Preventing and Treating Vitamin D Deficiency and Insufficiency Revisited. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 1153-1158.	1.8	490
40	Optimal Vitamin D Status for Colorectal Cancer Prevention. <i>American Journal of Preventive Medicine</i> , 2007, 32, 210-216.	1.6	486
41	Spectral character of sunlight modulates photosynthesis of previtamin D3 and its photoisomers in human skin. <i>Science</i> , 1982, 216, 1001-1003.	6.0	477
42	Isolation and identification of 1,25-dihydroxycholecalciferol. A metabolite of vitamin D active in intestine. <i>Biochemistry</i> , 1971, 10, 2799-2804.	1.2	460
43	Ultraviolet B and blood pressure. <i>Lancet, The</i> , 1998, 352, 709-710.	6.3	458
44	Vitamin D supplementation guidelines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 175, 125-135.	1.2	454
45	The Vitamin D Epidemic and its Health Consequences. <i>Journal of Nutrition</i> , 2005, 135, 2739S-2748S.	1.3	450
46	Effect of 1,25-Dihydroxyvitamin D3 on the Morphologic and Biochemical Differentiation of Cultured Human Epidermal Keratinocytes Grown in Serum-Free Conditions. <i>Journal of Investigative Dermatology</i> , 1986, 86, 709-714.	0.3	430
47	AGE, VITAMIN D, AND SOLAR ULTRAVIOLET. <i>Lancet, The</i> , 1989, 334, 1104-1105.	6.3	429
48	Factors that influence the cutaneous synthesis and dietary sources of vitamin D. <i>Archives of Biochemistry and Biophysics</i> , 2007, 460, 213-217.	1.4	425
49	The Roles of Vitamin D in Skeletal Muscle: Form, Function, and Metabolism. <i>Endocrine Reviews</i> , 2013, 34, 33-83.	8.9	417
50	Vitamin D and Skin Physiology: A D-Lightful Story. <i>Journal of Bone and Mineral Research</i> , 2007, 22, V28-V33.	3.1	414
51	Pathogenesis of Hereditary Vitamin-D-Dependent Rickets. <i>New England Journal of Medicine</i> , 1973, 289, 817-822.	13.9	412
52	Guide to Bone Health and Disease in Cystic Fibrosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1888-1896.	1.8	388
53	A Higher Dose of Vitamin D Reduces the Risk of Falls in Nursing Home Residents: A Randomized, Multiple-Dose Study. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 234-239.	1.3	376
54	Vitamin D: the underappreciated D-lightful hormone that is important for skeletal and cellular health. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2002, 9, 87-98.	0.6	375

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55	Vitamin D and prevention of breast cancer: Pooled analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 708-711.	1.2	374
56	Deficient Production of 1,25-Dihydroxyvitamin D in Elderly Osteoporotic Patients. <i>New England Journal of Medicine</i> , 1981, 305, 372-374.	13.9	355
57	An International Comparison of Serum 25-Hydroxyvitamin D Measurements. <i>Osteoporosis International</i> , 1999, 9, 394-397.	1.3	355
58	The vitamin D deficiency pandemic and consequences for nonskeletal health: Mechanisms of action. <i>Molecular Aspects of Medicine</i> , 2008, 29, 361-368.	2.7	330
59	Isolation and identification of 24,25-dihydroxycholecalciferol, a metabolite of vitamin D ₃ made in the kidney. <i>Biochemistry</i> , 1972, 11, 4251-4255.	1.2	322
60	The Cutaneous Photosynthesis of Previtamin D ₃ : A Unique Photoendocrine System. <i>Journal of Investigative Dermatology</i> , 1981, 77, 51-58.	0.3	322
61	Vitamin D and its Major Metabolites: Serum Levels after Graded Oral Dosing in Healthy Men. <i>Osteoporosis International</i> , 1998, 8, 222-230.	1.3	321
62	Plasma 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D and Risk of Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1991-1997.	1.1	320
63	Why the IOM recommendations for vitamin D are deficient. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 455-457.	3.1	314
64	Association between Vitamin D Deficiency and Primary Cesarean Section. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 940-945.	1.8	309
65	SARS-CoV-2 positivity rates associated with circulating 25-hydroxyvitamin D levels. <i>PLoS ONE</i> , 2020, 15, e0239252.	1.1	305
66	Sunlight Regulates the Cutaneous Production of Vitamin D ₃ by Causing Its Photodegradation*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 68, 882-887.	1.8	300
67	Vitamin D and Bone Health. <i>Journal of Nutrition</i> , 1996, 126, 1159S-1164S.	1.3	292
68	An evaluation of the relative contributions of exposure to sunlight and of diet to the circulating concentrations of 25-hydroxyvitamin D in an elderly nursing home population in Boston. <i>American Journal of Clinical Nutrition</i> , 1990, 51, 1075-1081.	2.2	290
69	Vitamin D and prevention of colorectal cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 97, 179-194.	1.2	289
70	Vitamin D: a D-Lightful health perspective. <i>Nutrition Reviews</i> , 2008, 66, S182-S194.	2.6	287
71	Vitamin-D Synthesis and Metabolism after Ultraviolet Irradiation of Normal and Vitamin-D-Deficient Subjects. <i>New England Journal of Medicine</i> , 1982, 306, 722-725.	13.9	279
72	Vitamin D: Evolutionary, Physiological and Health Perspectives. <i>Current Drug Targets</i> , 2011, 12, 4-18.	1.0	273

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73	Isolation and Structural Identification of 1,25-Dihydroxyvitamin D ₃ Produced by Cultured Alveolar Macrophages in Sarcoidosis*. Journal of Clinical Endocrinology and Metabolism, 1985, 60, 960-966.	1.8	260
74	Identification of 1,25-Dihydroxycholecalciferol, a Form of Vitamin D ₃ Metabolically Active in the Intestine. Proceedings of the National Academy of Sciences of the United States of America, 1971, 68, 803-804.	3.3	258
75	Fortification of orange juice with vitamin D: a novel approach for enhancing vitamin D nutritional health. American Journal of Clinical Nutrition, 2003, 77, 1478-1483.	2.2	255
76	The Response of Intestinal Calcium Transport to 25-Hydroxy and 1,25-Dihydroxy Vitamin D in Nephrectomized Rats. Endocrinology, 1972, 90, 605-608.	1.4	250
77	Rationale and Plan for Vitamin D Food Fortification: A Review and Guidance Paper. Frontiers in Endocrinology, 2018, 9, 373.	1.5	249
78	Hypervitaminosis D Associated with Drinking Milk. New England Journal of Medicine, 1992, 326, 1173-1177.	13.9	248
79	25-hydroxyvitamin D-1 α -hydroxylase in normal and malignant colon tissue. Lancet, The, 2001, 357, 1673-1674.	6.3	246
80	Vitamin D Deficiency in a Healthy Group of Mothers and Newborn Infants. Clinical Pediatrics, 2007, 46, 42-44.	0.4	236
81	A 16-Week Randomized Clinical Trial of 2000 International Units Daily Vitamin D ₃ Supplementation in Black Youth: 25-Hydroxyvitamin D, Adiposity, and Arterial Stiffness. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4584-4591.	1.8	236
82	The Role of Sunlight in the Cutaneous Production of Vitamin D ₃ . Annual Review of Nutrition, 1988, 8, 375-399.	4.3	235
83	The Vitamin D Content of Fortified Milk and Infant Formula. New England Journal of Medicine, 1992, 326, 1178-1181.	13.9	224
84	Vitamin D sufficiency, a serum 25-hydroxyvitamin D at least 30 ng/mL reduced risk for adverse clinical outcomes in patients with COVID-19 infection. PLoS ONE, 2020, 15, e0239799.	1.1	217
85	Influence of Vitamin D Status and Vitamin D ₃ Supplementation on Genome Wide Expression of White Blood Cells: A Randomized Double-Blind Clinical Trial. PLoS ONE, 2013, 8, e58725.	1.1	216
86	Vitamin D: Its role in cancer prevention and treatment. Progress in Biophysics and Molecular Biology, 2006, 92, 49-59.	1.4	213
87	1,24,25-Trihydroxyvitamin D ₃ . Journal of Biological Chemistry, 1973, 248, 6691-6696.	1.6	212
88	Low 25-Hydroxyvitamin D Levels in Adolescents: Race, Season, Adiposity, Physical Activity, and Fitness. Pediatrics, 2010, 125, 1104-1111.	1.0	211
89	Response of Intestinal Calcium Transport and Bone Calcium Mobilization to 1,25-Dihydroxyvitamin D _a in Thyroparathyroidectomized Rats ^{sup>1</sup>. Endocrinology, 1974, 94, 1022-1027.}	1.4	209
90	Interaction of 1,25-Dihydroxyvitamin-D ₃ with Keratinocytes and Fibroblasts from Skin of Normal Subjects and a Subject with Vitamin-D-Dependent Rickets, Type II: A Model for Study of the Mode of Action of 1,25-Dihydroxyvitamin D ₃ *. Journal of Clinical Endocrinology and Metabolism, 1983, 56, 824-830.	1.8	203

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91	Vitamin D, cardiovascular disease and mortality. <i>Clinical Endocrinology</i> , 2011, 75, 575-584.	1.2	199
92	Vitamin D intake in the United States. <i>Journal of the American Dietetic Association</i> , 2004, 104, 980-983.	1.3	198
93	Adolescent Girls in Maine Are at Risk for Vitamin D Insufficiency. <i>Journal of the American Dietetic Association</i> , 2005, 105, 971-974.	1.3	197
94	A new chromatographic system for vitamin D3 and its metabolites: resolution of a new vitamin D3 metabolite. <i>Journal of Lipid Research</i> , 1971, 12, 460-5.	2.0	196
95	Vitamin D absorption in healthy subjects and in patients with intestinal malabsorption syndromes. <i>American Journal of Clinical Nutrition</i> , 1985, 42, 644-649.	2.2	195
96	A novel approach for the evaluation and treatment of psoriasis. <i>Journal of the American Academy of Dermatology</i> , 1988, 19, 516-528.	0.6	194
97	Sunlight – dilemma: risk of skin cancer or bone disease and muscle weakness. <i>Lancet, The</i> , 2001, 357, 4-6.	6.3	192
98	1 α -Hydroxy Derivative of Vitamin D3: A Highly Potent Analog of 1 α ,25-Dihydroxyvitamin D3. <i>Science</i> , 1973, 180, 190-191.	6.0	188
99	The Importance of Body Weight for the Dose Response Relationship of Oral Vitamin D Supplementation and Serum 25-Hydroxyvitamin D in Healthy Volunteers. <i>PLoS ONE</i> , 2014, 9, e111265.	1.1	188
100	Photometabolism of 7-dehydrocholesterol to previtamin D3 in skin. <i>Biochemical and Biophysical Research Communications</i> , 1977, 76, 107-114.	1.0	187
101	Vitamin D Intakes by Children and Adults in the United States Differ among Ethnic Groups. <i>Journal of Nutrition</i> , 2005, 135, 2478-2485.	1.3	183
102	Vitamin D: Important for Prevention of Osteoporosis, Cardiovascular Heart Disease, Type 1 Diabetes, Autoimmune Diseases, and Some Cancers. <i>Southern Medical Journal</i> , 2005, 98, 1024-1026.	0.3	181
103	1 α ,25-dihydroxyvitamin D3 induces maturation of the human monocyte cell line U937, and, in association with a factor from human T lymphocytes, augments production of the monokine, mononuclear cell factor.. <i>Journal of Clinical Investigation</i> , 1984, 73, 731-739.	3.9	180
104	An evaluation of the vitamin D3 content in fish: Is the vitamin D content adequate to satisfy the dietary requirement for vitamin D?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 642-644.	1.2	179
105	Vitamin D. <i>Dermato-Endocrinology</i> , 2013, 5, 331-347.	1.9	175
106	Vitamin D for skeletal and non-skeletal health: What we should know. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, 1082-1093.	0.6	175
107	Vitamin D: A D-Lightful Solution for Health. <i>Journal of Investigative Medicine</i> , 2011, 59, 872-880.	0.7	170
108	1,25-Dihydroxycholecalciferol: Metabolite of Vitamin D3 Active on Bone in Anephric Rats. <i>Science</i> , 1972, 176, 1146-1147.	6.0	167

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109	The Use and Interpretation of Assays for Vitamin D and its Metabolites. Journal of Nutrition, 1990, 120, 1464-1469.	1.3	167
110	Vitamin D and prostate cancer prevention and treatment. Trends in Endocrinology and Metabolism, 2003, 14, 423-430.	3.1	167
111	Vitamin D Intoxication Associated with an Over-the-Counter Supplement. New England Journal of Medicine, 2001, 345, 66-67.	13.9	166
112	Vitamin D status and sun exposure in southeast Asia. Dermato-Endocrinology, 2013, 5, 34-37.	1.9	165
113	Evolution and Function of Vitamin D. Recent Results in Cancer Research, 2003, 164, 3-28.	1.8	162
114	Tanning is associated with optimal vitamin D status (serum 25-hydroxyvitamin D concentration) and higher bone mineral density. American Journal of Clinical Nutrition, 2004, 80, 1645-1649.	2.2	162
115	1,24,25-Trihydroxyvitamin D3. A metabolite of vitamin D3 effective on intestine. Journal of Biological Chemistry, 1973, 248, 6691-6.	1.6	162
116	Evolutionary importance for the membrane enhancement of the production of vitamin D3 in the skin of poikilothermic animals.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 3124-3126.	3.3	161
117	Vitamin D Status, Adiposity, and Lipids in Black American and Caucasian Children. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1560-1567.	1.8	160
118	25,26-Dihydroxycholecalciferol, a metabolite of vitamin D3 with intestinal calcium transport activity. Biochemistry, 1970, 9, 4776-4780.	1.2	157
119	Vitamin D and inflammation. Dermato-Endocrinology, 2014, 6, e983401.	1.9	156
120	Vitamin D and Sunlight. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 1548-1554.	2.2	154
121	Fortification of orange juice with vitamin D2 or vitamin D3 is as effective as an oral supplement in maintaining vitamin D status in adults. American Journal of Clinical Nutrition, 2010, 91, 1621-1626.	2.2	154
122	Clothing prevents ultraviolet-B radiation-dependent photosynthesis of vitamin D3.. Journal of Clinical Endocrinology and Metabolism, 1992, 75, 1099-1103.	1.8	153
123	Sunlight, UV-Radiation, Vitamin D and Skin Cancer: How Much Sunlight Do We Need?. Advances in Experimental Medicine and Biology, 2008, 624, 1-15.	0.8	152
124	Vitamin D Deficiency: What a Pain It Is. Mayo Clinic Proceedings, 2003, 78, 1457-1459.	1.4	151
125	Serum vitamin D metabolite levels and the subsequent development of prostate cancer (Hawaii, United) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	148
126	Serum 25-Hydroxyvitamin D and Bone Mineral Density in a Racially and Ethnically Diverse Group of Men. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 40-46.	1.8	146

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127	Relation of body fat indexes to vitamin D status and deficiency among obese adolescents. American Journal of Clinical Nutrition, 2009, 90, 459-467.	2.2	145
128	Calcium Supplementation Prevents Seasonal Bone Loss and Changes in Biochemical Markers of Bone Turnover in Elderly New England Women: A Randomized Placebo-Controlled Trial ¹ . Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3817-3825.	1.8	143
129	VITAMIN D IN HEALTH AND DISEASE: Vitamin D for Health and in Chronic Kidney Disease. Seminars in Dialysis, 2005, 18, 266-275.	0.7	142
130	Vitamin D: Extraskeletal Health. Endocrinology and Metabolism Clinics of North America, 2010, 39, 381-400.	1.2	142
131	Treatment of Hypoparathyroidism and Pseudohypoparathyroidism with Metabolites of Vitamin D: Evidence for Impaired Conversion of 25-Hydroxyvitamin D to 1,25-Dihydroxyvitamin D. New England Journal of Medicine, 1975, 293, 840-844.	13.9	141
132	Calcium Absorptive Effects of Vitamin D and Its Major Metabolites. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 4111-4116.	1.8	140
133	Calcium Absorptive Effects of Vitamin D and Its Major Metabolites ¹ . Journal of Clinical Endocrinology and Metabolism, 1997, 82, 4111-4116.	1.8	139
134	High prevalence of vitamin D deficiency, secondary hyperparathyroidism and generalized bone pain in Turkish immigrants in Germany: identification of risk factors. Osteoporosis International, 2006, 17, 1133-1140.	1.3	139
135	Optimal Vitamin D Status for the Prevention and Treatment of Osteoporosis. Drugs and Aging, 2007, 24, 1017-1029.	1.3	138
136	Products of Vitamin D ₃ or 7-Dehydrocholesterol Metabolism by Cytochrome P450 _{sc} Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. PLoS ONE, 2010, 5, e9907.	1.1	135
137	Vitamin D Status and Response to Vitamin D ₃ in Obese vs. Non-obese African American Children. Obesity, 2008, 16, 90-95.	1.5	134
138	Atrichia Caused by Mutations in the Vitamin D Receptor Gene is a Phenocopy of Generalized Atrichia Caused by Mutations in the Hairless Gene. Journal of Investigative Dermatology, 2001, 117, 612-617.	0.3	133
139	The role of vitamin D for bone health and fracture prevention. Current Osteoporosis Reports, 2006, 4, 96-102.	1.5	133
140	21,25-Dihydroxycholecalciferol. A metabolite of vitamin D ₃ preferentially active on bone. Biochemistry, 1970, 9, 2917-2922.	1.2	132
141	Biological Effects of Sunlight, Ultraviolet Radiation, Visible Light, Infrared Radiation and Vitamin D for Health. Anticancer Research, 2016, 36, 1345-56.	0.5	132
142	Vitamin D supplementation. Current Opinion in Gastroenterology, 2012, 28, 139-150.	1.0	130
143	The BsmI Vitamin D Receptor Restriction Fragment Length Polymorphism (bb) Influences the Effect of Calcium Intake on Bone Mineral Density. Journal of Bone and Mineral Research, 1997, 12, 1049-1057.	3.1	129
144	Vitamin D in childhood and adolescence: an expert position statement. European Journal of Pediatrics, 2015, 174, 565-576.	1.3	129

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145	Clothing prevents ultraviolet-B radiation-dependent photosynthesis of vitamin D3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 1099-1103.	1.8	129
146	The role of vitamin D metabolites in bone resorption. <i>Calcified Tissue Research</i> , 1973, 12, 295-301.	1.3	128
147	A parathyroid hormone inhibitor in vivo: design and biological evaluation of a hormone analog. <i>Science</i> , 1983, 220, 1053-1055.	6.0	126
148	Cultured psoriatic fibroblasts from involved and uninvolved sites have a partial but not absolute resistance to the proliferation-inhibition activity of 1,25-dihydroxyvitamin D3.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 5409-5412.	3.3	126
149	Optimize dietary intake of vitamin D. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 567-579.	1.3	126
150	Prostatic 25-hydroxyvitamin D-1 α -hydroxylase and its implication in prostate cancer. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 315-322.	1.2	125
151	Markedly inhibited 7-dehydrocholesterol-delta 7-reductase activity in liver microsomes from Smith-Lemli-Opitz homozygotes.. <i>Journal of Clinical Investigation</i> , 1995, 96, 1779-1785.	3.9	125
152	1,25-Dihydroxycholecalciferol Stimulates Osteoclasts in Rat Bones in the Absence of Parathyroid Hormone*. <i>Endocrinology</i> , 1981, 108, 2293-2301.	1.4	124
153	Methods for the determination of the circulating concentration of 25-hydroxyvitamin D. <i>Journal of Nutritional Biochemistry</i> , 1990, 1, 315-319.	1.9	122
154	Elderly women in northern New England exhibit seasonal changes in bone mineral density and calciotropic hormones. <i>Bone and Mineral</i> , 1994, 25, 83-92.	2.0	122
155	Calcium Supplementation Prevents Seasonal Bone Loss and Changes in Biochemical Markers of Bone Turnover in Elderly New England Women: A Randomized Placebo-Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3817-3825.	1.8	121
156	Molecular cloning, characterization, and promoter analysis of the human 25-hydroxyvitamin D3-1 α -hydroxylase gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6988-6993.	3.3	120
157	Temporal Relationship between Vitamin D Status and Parathyroid Hormone in the United States. <i>PLoS ONE</i> , 2015, 10, e0118108.	1.1	120
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