List of Publications by Year in descending order

92 papers	8,451 citations	53660 45 h-index	43802 91 g-index
92 all docs	92 docs citations	92 times ranked	6990 citing authors

#	Article	IF	Citations
1	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
2	Vitamin D insufficiency among free-living healthy young adults. American Journal of Medicine, 2002, 112, 659-662.	0.6	564
3	Factors that influence the cutaneous synthesis and dietary sources of vitamin D. Archives of Biochemistry and Biophysics, 2007, 460, 213-217.	1.4	425
4	Vitamin D and Skin Physiology: A D-Lightful Story. Journal of Bone and Mineral Research, 2007, 22, V28-V33.	3.1	414
5	A Higher Dose of Vitamin D Reduces the Risk of Falls in Nursing Home Residents: A Randomized, Multiple-Dose Study. Journal of the American Geriatrics Society, 2007, 55, 234-239.	1.3	376
6	Association between Vitamin D Deficiency and Primary Cesarean Section. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 940-945.	1.8	309
7	Hypervitaminosis D Associated with Drinking Milk. New England Journal of Medicine, 1992, 326, 1173-1177.	13.9	248
8	25-hydroxyvitamin D-1Î±-hydroxylase in normal and malignant colon tissue. Lancet, The, 2001, 357, 1673-1674.	6.3	246
9	Vitamin D Deficiency in a Healthy Group of Mothers and Newborn Infants. Clinical Pediatrics, 2007, 46, 42-44.	0.4	236
10	Hyperparathyroidism and 1,25-Dihydroxyvitamin D Deficiency in Mild, Moderate, and Severe Renal Failure*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 876-881.	1.8	226
11	The Vitamin D Content of Fortified Milk and Infant Formula. New England Journal of Medicine, 1992, 326, 1178-1181.	13.9	224
12	Low 25-Hydroxyvitamin D Levels in Adolescents: Race, Season, Adiposity, Physical Activity, and Fitness. Pediatrics, 2010, 125, 1104-1111.	1.0	211
13	Adolescent Girls in Maine Are at Risk for Vitamin D Insufficiency. Journal of the American Dietetic Association, 2005, 105, 971-974.	1.3	197
14	Vitamin D and prostate cancer prevention and treatment. Trends in Endocrinology and Metabolism, 2003, 14, 423-430.	3.1	167
15	Vitamin D Intoxication Associated with an Over-the-Counter Supplement. New England Journal of Medicine, 2001, 345, 66-67.	13.9	166
16	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
17	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
18	Serum vitamin D metabolite levels and the subsequent development of prostate cancer (Hawaii, United) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	146

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19	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
20	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
21	Products of Vitamin D3 or 7-Dehydrocholesterol Metabolism by Cytochrome P450scc Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. PLoS ONE, 2010, 5, e9907.	1.1	135
22	Prostatic 25-hydroxyvitamin D-1Î±-hydroxylase and its implication in prostate cancer. Journal of Cellular Biochemistry, 2003, 88, 315-322.	1.2	125
23	20-Hydroxyvitamin D₂is a noncalcemic analog of vitamin D with potent antiproliferative and prodifferentiation activities in normal and malignant cells. American Journal of Physiology - Cell Physiology, 2011, 300, C526-C541.	2.1	108
24	25-Hydroxyvitamin D-1Î±-hydroxylase activity is diminished in human prostate cancer cells and is enhanced by gene transfer. Journal of Steroid Biochemistry and Molecular Biology, 2002, 81, 135-140.	1.2	106
25	A possible genetic defect in 25-hydroxylation as a cause of rickets. Journal of Pediatrics, 1994, 124, 929-932.	0.9	96
26	Synthesis of vitamin D in skin after burns. Lancet, The, 2004, 363, 291-292.	6.3	95
27	Pancreatic cancer cells express 25-hydroxyvitamin D-1Â-hydroxylase and their proliferation is inhibited by the prohormone 25-hydroxyvitamin D3. Carcinogenesis, 2004, 25, 1015-1026.	1.3	93
28	Treatment of vitamin D deficiency due to Crohn's disease with tanning bed ultraviolet B radiation. Gastroenterology, 2001, 121, 1485-1488.	0.6	87
29	An Update on the Vitamin D Content of Fortified Milk from the United States and Canada. New England Journal of Medicine, 1993, 329, 1507-1507.	13.9	82
30	Widespread Vitamin D Deficiency in Urban Massachusetts Newborns and Their Mothers. Pediatrics, 2010, 125, 640-647.	1.0	82
31	25-Hydroxyvitamin D, cholesterol, and ultraviolet irradiation. Metabolism: Clinical and Experimental, 2008, 57, 741-748.	1.5	79
32	Testosterone increases bone mineral density in female-to-male transsexuals: a case series of 15 subjects. Clinical Endocrinology, 2004, 61, 560-566.	1.2	72
33	The prostate 25-hydroxyvitamin D-1Â-hydroxylase is not influenced by parathyroid hormone and calcium: implications for prostate cancer chemoprevention by vitamin D. Carcinogenesis, 2004, 25, 967-971.	1.3	69
34	Metabolism and subcellular location of 25-hydroxycholecalciferol in intestinal mucosa. Biochemistry, 1970, 9, 1453-1459.	1.2	68
35	Sickle cell bone disease: Response to vitamin D and calcium. American Journal of Hematology, 2008, 83, 271-274.	2.0	68
36	Do Panther Chameleons Bask to Regulate Endogenous Vitamin D3Production?. Physiological and Biochemical Zoology, 2003, 76, 52-59.	0.6	67

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37	Treatment of vitamin D deficiency with UV light in patients with malabsorption syndromes: a case series. Photodermatology Photoimmunology and Photomedicine, 2007, 23, 179-185.	0.7	67
38	Thyroid Hormone Action on Skin: Diverging Effects of Topical versus Intraperitoneal Administration. Thyroid, 2003, 13, 159-165.	2.4	63
39	Hepatocellular carcinoma and vitamin D: A review. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 1597-1603.	1.4	60
40	The Anti-cancer Actions of Vitamin D. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 126-139.	0.9	58
41	Ultraviolet Exposure and Vitamin D Synthesis in a Sunâ€Dwelling and a Shadeâ€Dwelling Species of Anolis: Are There Adaptations for Lower Ultraviolet B and Dietary Vitamin D3 Availability in the Shade?. Physiological and Biochemical Zoology, 2005, 78, 193-200.	0.6	56
42	Vitamin D for the prevention and treatment of pancreatic cancer. World Journal of Gastroenterology, 2009, 15, 3349.	1.4	54
43	24,25-Dihydroxyvitamin D3. Synthesis and biological activity. Biochemistry, 1973, 12, 4851-4855.	1.2	50
44	Standard multivitamin supplementation does not improve vitamin D insufficiency after burns. Journal of Bone and Mineral Metabolism, 2009, 27, 502-506.	1.3	47
45	Impact of Season and Diet on Vitamin D Status of African American and Caucasian Children. Clinical Pediatrics, 2011, 50, 493-502.	0.4	47
46	The Antiproliferative and Differentiative Activities of 1,25-Dihydroxyvitamin D3 Are Potentiated by Epidermal Growth Factor and Attenuated by Insulin in Cultured Human Keratinocytes. Journal of Investigative Dermatology, 1995, 104, 113-117.	0.3	46
47	1,25-Dihydroxyvitamin D3: A novel agent for enhancing wound healing. Journal of Cellular Biochemistry, 1995, 59, 53-56.	1.2	45
48	Induction of Vitamin D Receptor mRNA Expression in Psoriatic Plaques Correlates with Clinical Response to 1,25-Dihydroxyvitamin D3. Journal of Investigative Dermatology, 1996, 106, 637-641.	0.3	45
49	A method for the determination of the circulating concentration of vitamin D. Journal of Nutritional Biochemistry, 1990, 1, 272-276.	1.9	44
50	Cultured Human Fibroblasts and Not Cultured Human Keratinocytes Express a PTH/PTHrP Receptor mRNA. Journal of Investigative Dermatology, 1995, 105, 133-137.	0.3	44
51	Panther Chameleons,Furcifer pardalis, Behaviorally Regulate Optimal Exposure to UV Depending on Dietary Vitamin D₃Status. Physiological and Biochemical Zoology, 2009, 82, 218-225.	0.6	44
52	Acute Activation of AMP-Activated Protein Kinase Prevents H2O2-Induced Premature Senescence in Primary Human Keratinocytes. PLoS ONE, 2012, 7, e35092.	1.1	39
53	Evaluation of the potential therapeutic role of a new generation of vitamin D analog, MART-10, in human pancreatic cancer cells in vitro and in vivo. Cell Cycle, 2013, 12, 1316-1325.	1.3	37
54	Investigating the mechanism for maintaining eucalcemia despite immobility and anuria in the hibernating American black bear (Ursus americanus). Bone, 2011, 49, 1205-1212.	1.4	35

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55	An evaluation of the biologic activity and vitamin D receptor binding affinity of the photoisomers of vitamin D3 and previtamin D3. Journal of Nutritional Biochemistry, 2000, 11, 267-272.	1.9	33
56	Threeâ€step hydroxylation of vitamin D₃ by a genetically engineered CYP105A1. FEBS Journal, 2010, 277, 3999-4009.	2.2	33
57	19-Nor-2Î±-(3-hydroxypropyl)-1Î±,25-dihydroxyvitamin D3 (MART-10) is a potent cell growth regulator with enhanced chemotherapeutic potency in liver cancer cells. Steroids, 2011, 76, 1513-1519.	0.8	33
58	Vitamin D Deficiency and Osteoporosis in Rehabilitation Inpatients. Archives of Physical Medicine and Rehabilitation, 2006, 87, 904-908.	0.5	31
59	MART-10, a New Generation of Vitamin D Analog, Is More Potent than 1Î±,25-Dihydroxyvitamin D₃in Inhibiting Cell Proliferation and Inducing Apoptosis in ER+ MCF-7 Breast Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	0.5	31
60	Substitution at carbon 2 of 19-nor-1Î±,25-dihydroxyvitamin D3 with 3-hydroxypropyl group generates an analogue with enhanced chemotherapeutic potency in PC-3 prostate cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 269-275.	1.2	28
61	Prostaglandin E2 and parathyroid hormone: Comparisons of their actions on the rabbit proximal tubule. Kidney International, 1984, 26, 404-410.	2.6	27
62	Characterization of primar cell cultures derived from rat renal proximal tubules. In Vitro Cellular & Developmental Biology, 1989, 25, 714-722.	1.0	26
63	Prevalence of Vitamin D Deficiency in Patients Attending an Outpatient Cancer Care Clinic in Boston. Endocrine Practice, 2004, 10, 292-293.	1.1	26
64	Inhibition of Proliferation and Induction of Apoptosis by 25-Hydroxyvitamin D3-3Î²-(2)-Bromoacetate, a Nontoxic and Vitamin D Receptor-Alkylating Analog of 25-Hydroxyvitamin D3 in Prostate Cancer Cells. Clinical Cancer Research, 2004, 10, 8018-8027.	3.2	25
65	Alterations in Lipids and Adipocyte Hormones in Female-to-Male Transsexuals. International Journal of Endocrinology, 2010, 2010, 1-4.	0.6	25
66	Effects of sunlight and diet on vitamin D status of pulmonary tuberculosis patients in Tbilisi, Georgia. Nutrition, 2012, 28, 362-366.	1.1	24
67	Human cytochrome P450-dependent differential metabolism among three 2Î±-substituted-1Î±,25-dihydroxyvitamin D3 analogs. Journal of Steroid Biochemistry and Molecular Biology, 2013, 133, 84-92.	1.2	23
68	Observations on Serum 25-Hydroxyvitamin D and Calcium Concentrations from Wild-Caught and Captive Neotropical Bats, Artibeus jamaicensis. General and Comparative Endocrinology, 2001, 122, 225-231.	0.8	22
69	Vitamin D Status among 4-Month-Old Infants in New England. Journal of Human Lactation, 2012, 28, 159-166.	0.8	22
70	Mechanism of the anti-proliferative action of 25-hydroxy-19-nor-vitamin D3 in human prostate cells. Journal of Molecular Endocrinology, 2011, 47, 209-218.	1.1	21
71	Endogenous components of the striatum confer dopamine-sensitivity upon adenylate cyclase activity: The role of endogenous guanyl nucleotides. Brain Research, 1980, 181, 139-149.	1.1	18
72	Enhancing 1Î±-Hydroxylase Activity with the 25-Hydroxyvitamin D-1Î±-Hydroxylase Gene in Cultured Human Keratinocytes and Mouse Skin. Journal of Investigative Dermatology, 2001, 116, 910-914.	0.3	18

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73	1?,25-Dihydroxyvitamin D3-3?-(2)-bromoacetate, an affinity labeling derivative of 1?,25-dihydroxyvitamin D3 displays strong antiproliferative and cytotoxic behavior in prostate cancer cells. Journal of Cellular Biochemistry, 2003, 89, 909-916.	1.2	18
74	Hop rho iso-alpha acids, berberine, vitamin D3 and vitamin K1 favorably impact biomarkers of bone turnover in postmenopausal women in a 14-week trial. Journal of Bone and Mineral Metabolism, 2010, 28, 342-350.	1.3	18
75	Potent 19-norvitamin D analogs for prostate and liver cancer therapy. Future Medicinal Chemistry, 2012, 4, 2049-2065.	1.1	18
76	Novel Vitamin D Analogs for Prostate Cancer Therapy. ISRN Urology, 2011, 2011, 1-9.	1.5	18
77	VITAMIN D STATUS OF WILD RICORD'S IGUANAS (CYCLURA RICORDII) AND CAPTIVE AND WILD RHINOCEROS IGUANAS (CYCLURA CORNUTA CORNUTA) IN THE DOMINICAN REPUBLIC. Journal of Zoo and Wildlife Medicine, 2005, 36, 188-191.	0.3	17
78	Guanosine triphosphate: An endogenous compound in the rabbit cerebellar cortex which couples the beta-adrenergic receptor to adenylate cyclase. Brain Research, 1980, 181, 127-138.	1.1	16
79	Regulation of 25-hydroxyvitamin D-1Î±-hydroxylase by epidermal growth factor in prostate cells. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 127-130.	1.2	16
80	Kinetic Studies of 25-Hydroxy-19-nor-vitamin D3 and 1Î±,25-Dihydroxy-19-nor-vitamin D3 Hydroxylation by CYP27B1 and CYP24A1. Drug Metabolism and Disposition, 2007, 35, 1482-1488.	1.7	16
81	Creative synthesis of novel vitamin D analogs for health and disease. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 269-276.	1.2	15
82	High-Throughput System for Analyzing Ligand-Induced Cofactor Recruitment by Vitamin D Receptor. Bioconjugate Chemistry, 2007, 18, 614-620.	1.8	12
83	Effects of calcium on a parathyroid hormone-sensitive adenylate cyclase inhibitor. Biochemical and Biophysical Research Communications, 1980, 94, 1227-1232.	1.0	10
84	Serum Concentrations of Calcium, Phosphorus, and 25-Hydroxyvitamin D in Captive African Elephants (Loxodonta africana). Journal of Zoo and Wildlife Medicine, 2009, 40, 302-305.	0.3	10
85	A crossâ€sectional study of osteocalcin and body fat measures among obese adolescents. Obesity, 2013, 21, 808-814.	1.5	10
86	Synthesis and Biological Activities of 1Î±,4Î±,25- and 1Î±,4Î²,25-Trihydroxyvitamin D₃ and Their Metabolism by Human CYP24A1 and UDP-Glucuronosyltransferase. Chemical and Pharmaceutical Bulletin, 2012, 60, 1343-1346.	0.6	9
87	INHIBITION OF THE RENAL TUBULAR EFFECTS OF PARATHYROID HORMONE ON PHOSPHATE TRANSPORT BY PROSTAGLANDIN E₂. Endocrinology, 1981, 109, 2267-2269.	1.4	7
88	Inhibition by volume expansion of phosphate uptake by the renal proximal tubule brush border membrane. Biochemical Pharmacology, 1989, 38, 321-325.	2.0	7
89	Quantifying the vitamin D₃ synthesizing potential of UVB lamps at specific distances over time. Zoo Biology, 2010, 29, 741-752.	0.5	6
90	Modulation of parathyroid hormone-sensitive adenylate cyclase and arginine vasopressin-sensitive adenylate cyclase by calcium and GTP. Archives of Biochemistry and Biophysics, 1981, 212, 660-667.	1.4	4

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91	Volume expansion-induced changes in renal tubular membrane protein phosphorylation. Biochemical and Biophysical Research Communications, 1987, 143, 74-80.	1.0	4
92	Evidence for an endogenous parathyroid hormone-sensitive adenylate cyclase activator. Biochemical and Biophysical Research Communications, 1981, 100, 1471-1476.	1.0	2