

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5126401/publications.pdf>

Version: 2024-02-01

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	Human cytochrome P450-dependent differential metabolism among three 21 $\alpha$ -substituted-1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> analogs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 133, 84-92.	1.2	23
2	The Anti-cancer Actions of Vitamin D. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 126-139.	0.9	58
3	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. <i>Cell Cycle</i> , 2013, 12, 1316-1325.	1.3	37
4	A cross-sectional study of osteocalcin and body fat measures among obese adolescents. <i>Obesity</i> , 2013, 21, 808-814.	1.5	10
5	MART-10, a New Generation of Vitamin D Analog, Is More Potent than 1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> in Inhibiting Cell Proliferation and Inducing Apoptosis in ER+ MCF-7 Breast Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	31
6	Potent 19-norvitamin D analogs for prostate and liver cancer therapy. <i>Future Medicinal Chemistry</i> , 2012, 4, 2049-2065.	1.1	18
7	Synthesis and Biological Activities of 1 $\alpha$ ,4 $\alpha$ ,25- and 1 $\alpha$ ,4 $\beta$ ,25-Trihydroxyvitamin D <sub>3</sub> and Their Metabolism by Human CYP24A1 and UDP-Glucuronosyltransferase. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 1343-1346.	0.6	9
8	Vitamin D Status among 4-Month-Old Infants in New England. <i>Journal of Human Lactation</i> , 2012, 28, 159-166.	0.8	22
9	Effects of sunlight and diet on vitamin D status of pulmonary tuberculosis patients in Tbilisi, Georgia. <i>Nutrition</i> , 2012, 28, 362-366.	1.1	24
10	Acute Activation of AMP-Activated Protein Kinase Prevents H <sub>2</sub> O <sub>2</sub> -Induced Premature Senescence in Primary Human Keratinocytes. <i>PLoS ONE</i> , 2012, 7, e35092.	1.1	39
11	Mechanism of the anti-proliferative action of 25-hydroxy-19-nor-vitamin D <sub>3</sub> in human prostate cells. <i>Journal of Molecular Endocrinology</i> , 2011, 47, 209-218.	1.1	21
12	Vitamin D Status, Adiposity, and Lipids in Black American and Caucasian Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1560-1567.	1.8	160
13	Investigating the mechanism for maintaining eucalcemia despite immobility and anuria in the hibernating American black bear ( <i>Ursus americanus</i> ). <i>Bone</i> , 2011, 49, 1205-1212.	1.4	35
14	Substitution at carbon 2 of 19-nor-1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> with 3-hydroxypropyl group generates an analogue with enhanced chemotherapeutic potency in PC-3 prostate cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 269-275.	1.2	28
15	19-Nor-21 $\alpha$ -(3-hydroxypropyl)-1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> (MART-10) is a potent cell growth regulator with enhanced chemotherapeutic potency in liver cancer cells. <i>Steroids</i> , 2011, 76, 1513-1519.	0.8	33
16	Hepatocellular carcinoma and vitamin D: A review. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 1597-1603.	1.4	60
17	Impact of Season and Diet on Vitamin D Status of African American and Caucasian Children. <i>Clinical Pediatrics</i> , 2011, 50, 493-502.	0.4	47
18	20-Hydroxyvitamin D <sub>2</sub> is a noncalcemic analog of vitamin D with potent antiproliferative and prodifferentiation activities in normal and malignant cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C526-C541.	2.1	108

#	ARTICLE	IF	CITATIONS
19	Novel Vitamin D Analogs for Prostate Cancer Therapy. <i>ISRN Urology</i> , 2011, 2011, 1-9.	1.5	18
20	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. <i>Journal of Bone and Mineral Metabolism</i> , 2010, 28, 342-350.	1.3	18
21	Quantifying the vitamin D <sub>3</sub> synthesizing potential of UVB lamps at specific distances over time. <i>Zoo Biology</i> , 2010, 29, 741-752.	0.5	6
22	Three-step hydroxylation of vitamin D <sub>3</sub> by a genetically engineered CYP105A1. <i>FEBS Journal</i> , 2010, 277, 3999-4009.	2.2	33
23	Products of Vitamin D3 or 7-Dehydrocholesterol Metabolism by Cytochrome P450scc Show Anti-Leukemia Effects, Having Low or Absent Calcemic Activity. <i>PLoS ONE</i> , 2010, 5, e9907.	1.1	135
24	Widespread Vitamin D Deficiency in Urban Massachusetts Newborns and Their Mothers. <i>Pediatrics</i> , 2010, 125, 640-647.	1.0	82
25	Low 25-Hydroxyvitamin D Levels in Adolescents: Race, Season, Adiposity, Physical Activity, and Fitness. <i>Pediatrics</i> , 2010, 125, 1104-1111.	1.0	211
26	Alterations in Lipids and Adipocyte Hormones in Female-to-Male Transsexuals. <i>International Journal of Endocrinology</i> , 2010, 2010, 1-4.	0.6	25
27	Fortification of orange juice with vitamin D2 or vitamin D3 is as effective as an oral supplement in maintaining vitamin D status in adults. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1621-1626.	2.2	154
28	Relation of body fat indexes to vitamin D status and deficiency among obese adolescents. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 459-467.	2.2	145
29	Panther Chameleons, <i>Furcifer pardalis</i> , Behaviorally Regulate Optimal Exposure to UV Depending on Dietary Vitamin D <sub>3</sub> Status. <i>Physiological and Biochemical Zoology</i> , 2009, 82, 218-225.	0.6	44
30	Standard multivitamin supplementation does not improve vitamin D insufficiency after burns. <i>Journal of Bone and Mineral Metabolism</i> , 2009, 27, 502-506.	1.3	47
31	Association between Vitamin D Deficiency and Primary Cesarean Section. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 940-945.	1.8	309
32	Serum Concentrations of Calcium, Phosphorus, and 25-Hydroxyvitamin D in Captive African Elephants ( <i>Loxodonta africana</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2009, 40, 302-305.	0.3	10
33	Vitamin D for the prevention and treatment of pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2009, 15, 3349.	1.4	54
34	Sickle cell bone disease: Response to vitamin D and calcium. <i>American Journal of Hematology</i> , 2008, 83, 271-274.	2.0	68
35	25-Hydroxyvitamin D, cholesterol, and ultraviolet irradiation. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 741-748.	1.5	79
36	Vitamin D2 Is as Effective as Vitamin D3 in Maintaining Circulating Concentrations of 25-Hydroxyvitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 677-681.	1.8	679

#	ARTICLE	IF	CITATIONS
37	Serum 25-Hydroxyvitamin D and Bone Mineral Density in a Racially and Ethnically Diverse Group of Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 40-46.	1.8	146
38	Vitamin D Deficiency in a Healthy Group of Mothers and Newborn Infants. <i>Clinical Pediatrics</i> , 2007, 46, 42-44.	0.4	236
39	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
40	Creative synthesis of novel vitamin D analogs for health and disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 269-276.	1.2	15
41	High-Throughput System for Analyzing Ligand-Induced Cofactor Recruitment by Vitamin D Receptor. <i>Bioconjugate Chemistry</i> , 2007, 18, 614-620.	1.8	12
42	Kinetic Studies of 25-Hydroxy-19-nor-vitamin D <sub>3</sub> and 1 $\alpha$ ,25-Dihydroxy-19-nor-vitamin D <sub>3</sub> Hydroxylation by CYP27B1 and CYP24A1. <i>Drug Metabolism and Disposition</i> , 2007, 35, 1482-1488.	1.7	16
43	Vitamin D and Skin Physiology: A D-Lightful Story. <i>Journal of Bone and Mineral Research</i> , 2007, 22, V28-V33.	3.1	414
44	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
45	Treatment of vitamin D deficiency with UV light in patients with malabsorption syndromes: a case series. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2007, 23, 179-185.	0.7	67
46	Vitamin D Deficiency and Osteoporosis in Rehabilitation Inpatients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 904-908.	0.5	31
47	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
48	Ultraviolet Exposure and Vitamin D Synthesis in a Sun-dwelling and a Shade-dwelling Species of Anolis: Are There Adaptations for Lower Ultraviolet B and Dietary Vitamin D <sub>3</sub> Availability in the Shade?. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 193-200.	0.6	56
49	VITAMIN D STATUS OF WILD RICORD'S IGUANAS (CYCLURA RICORDII) AND CAPTIVE AND WILD RHINOCEROS IGUANAS (CYCLURA CORNUTA CORNUTA) IN THE DOMINICAN REPUBLIC. <i>Journal of Zoo and Wildlife Medicine</i> , 2005, 36, 188-191.	0.3	17
50	Prevalence of Vitamin D Deficiency in Patients Attending an Outpatient Cancer Care Clinic in Boston. <i>Endocrine Practice</i> , 2004, 10, 292-293.	1.1	26
51	The prostate 25-hydroxyvitamin D-1 $\alpha$ -hydroxylase is not influenced by parathyroid hormone and calcium: implications for prostate cancer chemoprevention by vitamin D. <i>Carcinogenesis</i> , 2004, 25, 967-971.	1.3	69
52	Inhibition of Proliferation and Induction of Apoptosis by 25-Hydroxyvitamin D <sub>3</sub> -3 $\beta$ -(2)-Bromoacetate, a Nontoxic and Vitamin D Receptor-Alkylating Analog of 25-Hydroxyvitamin D <sub>3</sub> in Prostate Cancer Cells. <i>Clinical Cancer Research</i> , 2004, 10, 8018-8027.	3.2	25
53	Pancreatic cancer cells express 25-hydroxyvitamin D-1 $\alpha$ -hydroxylase and their proliferation is inhibited by the prohormone 25-hydroxyvitamin D <sub>3</sub> . <i>Carcinogenesis</i> , 2004, 25, 1015-1026.	1.3	93
54	Testosterone increases bone mineral density in female-to-male transsexuals: a case series of 15 subjects. <i>Clinical Endocrinology</i> , 2004, 61, 560-566.	1.2	72

#	ARTICLE	IF	CITATIONS
55	Regulation of 25-hydroxyvitamin D-1 $\alpha$ -hydroxylase by epidermal growth factor in prostate cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 127-130.	1.2	16
56	Synthesis of vitamin D in skin after burns. <i>Lancet, The</i> , 2004, 363, 291-292.	6.3	95
57	Prostatic 25-hydroxyvitamin D-1 $\alpha$ -hydroxylase and its implication in prostate cancer. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 315-322.	1.2	125
58	1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> -3 $\beta$ -(2)-bromoacetate, an affinity labeling derivative of 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> displays strong antiproliferative and cytotoxic behavior in prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 909-916.	1.2	18
59	Vitamin D and prostate cancer prevention and treatment. <i>Trends in Endocrinology and Metabolism</i> , 2003, 14, 423-430.	3.1	167
60	Thyroid Hormone Action on Skin: Diverging Effects of Topical versus Intraperitoneal Administration. <i>Thyroid</i> , 2003, 13, 159-165.	2.4	63
61	Do Panther Chameleons Bask to Regulate Endogenous Vitamin D <sub>3</sub> Production?. <i>Physiological and Biochemical Zoology</i> , 2003, 76, 52-59.	0.6	67
62	Vitamin D insufficiency among free-living healthy young adults. <i>American Journal of Medicine</i> , 2002, 112, 659-662.	0.6	564
63	25-Hydroxyvitamin D-1 $\alpha$ -hydroxylase activity is diminished in human prostate cancer cells and is enhanced by gene transfer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 81, 135-140.	1.2	106
64	Treatment of vitamin D deficiency due to Crohn's disease with tanning bed ultraviolet B radiation. <i>Gastroenterology</i> , 2001, 121, 1485-1488.	0.6	87
65	Vitamin D Intoxication Associated with an Over-the-Counter Supplement. <i>New England Journal of Medicine</i> , 2001, 345, 66-67.	13.9	166
66	25-hydroxyvitamin D-1 $\alpha$ -hydroxylase in normal and malignant colon tissue. <i>Lancet, The</i> , 2001, 357, 1673-1674.	6.3	246
67	Enhancing 1 $\alpha$ -Hydroxylase Activity with the 25-Hydroxyvitamin D-1 $\alpha$ -Hydroxylase Gene in Cultured Human Keratinocytes and Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2001, 116, 910-914.	0.3	18
68	Observations on Serum 25-Hydroxyvitamin D and Calcium Concentrations from Wild-Caught and Captive Neotropical Bats, <i>Artibeus jamaicensis</i> . <i>General and Comparative Endocrinology</i> , 2001, 122, 225-231.	0.8	22
69	An evaluation of the biologic activity and vitamin D receptor binding affinity of the photoisomers of vitamin D <sub>3</sub> and previtamin D <sub>3</sub> . <i>Journal of Nutritional Biochemistry</i> , 2000, 11, 267-272.	1.9	33
70	Serum vitamin D metabolite levels and the subsequent development of prostate cancer (Hawaii, United States). <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 80, 1446-1450.	0.8	146
71	Induction of Vitamin D Receptor mRNA Expression in Psoriatic Plaques Correlates with Clinical Response to 1,25-Dihydroxyvitamin D <sub>3</sub> . <i>Journal of Investigative Dermatology</i> , 1996, 106, 637-641.	0.3	45
72	1,25-Dihydroxyvitamin D <sub>3</sub> : A novel agent for enhancing wound healing. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 53-56.	1.2	45

#	ARTICLE	IF	CITATIONS
73	Cultured Human Fibroblasts and Not Cultured Human Keratinocytes Express a PTH/PTHrP Receptor mRNA. <i>Journal of Investigative Dermatology</i> , 1995, 105, 133-137.	0.3	44
74	The Antiproliferative and Differentiative Activities of 1,25-Dihydroxyvitamin D3 Are Potentiated by Epidermal Growth Factor and Attenuated by Insulin in Cultured Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1995, 104, 113-117.	0.3	46
75	A possible genetic defect in 25-hydroxylation as a cause of rickets. <i>Journal of Pediatrics</i> , 1994, 124, 929-932.	0.9	96
76	An Update on the Vitamin D Content of Fortified Milk from the United States and Canada. <i>New England Journal of Medicine</i> , 1993, 329, 1507-1507.	13.9	82
77	The Vitamin D Content of Fortified Milk and Infant Formula. <i>New England Journal of Medicine</i> , 1992, 326, 1178-1181.	13.9	224
78	Hypervitaminosis D Associated with Drinking Milk. <i>New England Journal of Medicine</i> , 1992, 326, 1173-1177.	13.9	248
79	A method for the determination of the circulating concentration of vitamin D. <i>Journal of Nutritional Biochemistry</i> , 1990, 1, 272-276.	1.9	44
80	Characterization of primar cell cultures derived from rat renal proximal tubules. <i>In Vitro Cellular &amp; Developmental Biology</i> , 1989, 25, 714-722.	1.0	26
81	Inhibition by volume expansion of phosphate uptake by the renal proximal tubule brush border membrane. <i>Biochemical Pharmacology</i> , 1989, 38, 321-325.	2.0	7
82	Hyperparathyroidism and 1,25-Dihydroxyvitamin D Deficiency in Mild, Moderate, and Severe Renal Failure*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 876-881.	1.8	226
83	Volume expansion-induced changes in renal tubular membrane protein phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 1987, 143, 74-80.	1.0	4
84	Prostaglandin E2 and parathyroid hormone: Comparisons of their actions on the rabbit proximal tubule. <i>Kidney International</i> , 1984, 26, 404-410.	2.6	27
85	Modulation of parathyroid hormone-sensitive adenylate cyclase and arginine vasopressin-sensitive adenylate cyclase by calcium and GTP. <i>Archives of Biochemistry and Biophysics</i> , 1981, 212, 660-667.	1.4	4
86	Evidence for an endogenous parathyroid hormone-sensitive adenylate cyclase activator. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 1471-1476.	1.0	2
87	INHIBITION OF THE RENAL TUBULAR EFFECTS OF PARATHYROID HORMONE ON PHOSPHATE TRANSPORT BY PROSTAGLANDIN E <sub>2</sub> . <i>Endocrinology</i> , 1981, 109, 2267-2269.	1.4	7
88	Guanosine triphosphate: An endogenous compound in the rabbit cerebellar cortex which couples the beta-adrenergic receptor to adenylate cyclase. <i>Brain Research</i> , 1980, 181, 127-138.	1.1	16
89	Endogenous components of the striatum confer dopamine-sensitivity upon adenylate cyclase activity: The role of endogenous guanyl nucleotides. <i>Brain Research</i> , 1980, 181, 139-149.	1.1	18
90	Effects of calcium on a parathyroid hormone-sensitive adenylate cyclase inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 1980, 94, 1227-1232.	1.0	10

#	ARTICLE	IF	CITATIONS
91	24,25-Dihydroxyvitamin D3. Synthesis and biological activity. <i>Biochemistry</i> , 1973, 12, 4851-4855.	1.2	50
92	Metabolism and subcellular location of 25-hydroxycholecalciferol in intestinal mucosa. <i>Biochemistry</i> , 1970, 9, 1453-1459.	1.2	68