

Hector F Deluca

List of Publications by Year in descending order

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300
papers

24,118
citations

5896

81
h-index

8396

147
g-index

305
all docs

305
docs citations

305
times ranked

11763
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of general physiologic features and functions of vitamin D. American Journal of Clinical Nutrition, 2004, 80, 1689S-1696S.	4.7	1,764
2	Current Understanding of the Molecular Actions of Vitamin D. Physiological Reviews, 1998, 78, 1193-1231.	28.8	1,122
3	Intestinal Calcium Absorption and Serum Vitamin D Metabolites in Normal Subjects and Osteoporotic Patients. Journal of Clinical Investigation, 1979, 64, 729-736.	8.2	804
4	Vitamin D: its role and uses in immunology. FASEB Journal, 2001, 15, 2579-2585.	0.5	720
5	Expression of 1,25-Dihydroxyvitamin D ₃ Receptor in the Immune System. Archives of Biochemistry and Biophysics, 2000, 374, 334-338.	3.0	615
6	A sensitive, precise, and convenient method for determination of 1,25-dihydroxyvitamin D in human plasma. Archives of Biochemistry and Biophysics, 1976, 176, 235-243.	3.0	538
7	The vitamin D story: a collaborative effort of basic science and clinical medicine. FASEB Journal, 1988, 2, 224-236.	0.5	495
8	Where is the vitamin D receptor?. Archives of Biochemistry and Biophysics, 2012, 523, 123-133.	3.0	468
9	Pathogenesis of Hereditary Vitamin-D-Dependent Rickets. New England Journal of Medicine, 1973, 289, 817-822.	27.0	412
10	Vitamin D, disease and therapeutic opportunities. Nature Reviews Drug Discovery, 2010, 9, 941-955.	46.4	378
11	1,25-Dihydroxycholecalciferol Inhibits the Progression of Arthritis in Murine Models of Human Arthritis. Journal of Nutrition, 1998, 128, 68-72.	2.9	340
12	Vitamin-D-Dependent Rickets Type II. New England Journal of Medicine, 1978, 298, 996-999.	27.0	323
13	Biologically active metabolite of vitamin D ₃ from bone, liver, and blood serum. Journal of Lipid Research, 1966, 7, 739-744.	4.2	288
14	25-Hydroxycholecalciferol-1-hydroxylase. Journal of Biological Chemistry, 1972, 247, 7528-7532.	3.4	262
15	CYP2R1 is a major, but not exclusive, contributor to 25-hydroxyvitamin D production in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15650-15655.	7.1	258
16	Cloning of the human 1,25-dihydroxyvitamin D ₃ 24-hydroxylase gene promoter and identification of two vitamin D-responsive elements. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1263, 1-9.	2.4	257
17	Serum 1,25-Dihydroxyvitamin D Levels in Normal Subjects and in Patients with Hereditary Rickets or Bone Disease. New England Journal of Medicine, 1978, 299, 976-979.	27.0	232
18	Is the Vitamin D Receptor Found in Muscle?. Endocrinology, 2011, 152, 354-363.	2.8	228

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19	Vitamin D assays and the definition of hypovitaminosis D: results from the First International Conference on Controversies in Vitamin D. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 2194-2207.	2.4	211
20	Evolution of our understanding of vitamin D. <i>Nutrition Reviews</i> , 2008, 66, S73-S87.	5.8	205
21	In vitro production of 25-hydroxycholecalciferol. <i>Biochemical and Biophysical Research Communications</i> , 1969, 36, 251-256.	2.1	204
22	25-Hydroxyvitamin D ₃ -24-hydroxylase. Subcellular location and properties. <i>Biochemistry</i> , 1974, 13, 1543-1548.	2.5	194
23	Effect of Vitamin D Deficiency on Fertility and Reproductive Capacity in the Female Rat. <i>Journal of Nutrition</i> , 1980, 110, 1573-1580.	2.9	193
24	A new analog of calcitriol, 19-nor-1,25-(OH) ₂ D ₂ , suppresses parathyroid hormone secretion in uremic rats in the absence of hypercalcemia. <i>American Journal of Kidney Diseases</i> , 1995, 26, 852-860.	1.9	193
25	THE RELATIONSHIP BETWEEN VITAMIN D AND PARATHYROID HORMONE*. <i>Journal of Clinical Investigation</i> , 1963, 42, 1940-1946.	8.2	191
26	Human 25-Hydroxyvitamin D ₃ -24-Hydroxylase, a Multicatalytic Enzyme. <i>Biochemistry</i> , 1996, 35, 8465-8472.	2.5	188
27	UV radiation suppresses experimental autoimmune encephalomyelitis independent of vitamin D production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6418-6423.	7.1	187
28	Molecular Structure of the Rat Vitamin D Receptor Ligand Binding Domain Complexed with 2-Carbon-Substituted Vitamin D ₃ Hormone Analogues and a LXXLL-Containing Coactivator Peptide., <i>Biochemistry</i> , 2004, 43, 4101-4110.	2.5	179
29	Two Vitamin D Response Elements Function in the Rat 1,25-Dihydroxyvitamin D ₃ 24-Hydroxylase Promoter. <i>Journal of Biological Chemistry</i> , 1995, 270, 1675-1678.	3.4	178
30	Vitamin D Homeostasis in the Perinatal Period. <i>New England Journal of Medicine</i> , 1980, 302, 315-319.	27.0	177
31	Cellular Mechanisms of Insulin Release: The Effects of Vitamin D Deficiency and Repletion on Rat Insulin Secretion*. <i>Endocrinology</i> , 1983, 113, 1511-1518.	2.8	175
32	Role of Vitamin D Metabolites in Phosphate Transport of Rat Intestine. <i>Journal of Nutrition</i> , 1974, 104, 1056-1060.	2.9	174
33	The Synthesis of [1,2- ³ H] Vitamin D ₃ and the Tissue Localization of a 0.25- μ g (10 IU) Dose per Rat*. <i>Biochemistry</i> , 1966, 5, 2201-2207.	2.5	173
34	A potent analog of 1,25-dihydroxyvitamin D ₃ selectively induces bone formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13487-13491.	7.1	173
35	Molecular Cloning of cDNA and Genomic DNA for Human 25-hydroxyvitamin D ₃ 1 α -hydroxylase. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 527-533.	2.1	172
36	History of the discovery of vitamin D and its active metabolites. <i>BoneKEy Reports</i> , 2014, 3, 479.	2.7	170

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37	The role of 1,25-dihydroxyvitamin D ₃ and parathyroid hormone in the regulation of chick renal 25-hydroxyvitamin D ₃ -24-hydroxylase. Archives of Biochemistry and Biophysics, 1975, 171, 521-526.	3.0	168
38	Rickets with alopecia: An inborn error of vitamin D metabolism. Journal of Pediatrics, 1979, 94, 729-735.	1.8	166
39	Metabolism of Vitamin D ₃ -3H in Human Subjects: Distribution in Blood, Bile, Feces, and Urine*. Journal of Clinical Investigation, 1967, 46, 983-992.	8.2	164
40	The Regulation of Rat Liver Calciferol-25-hydroxylase. Journal of Biological Chemistry, 1973, 248, 2969-2973.	3.4	163
41	Oral administration of 1,25-dihydroxyvitamin D ₃ completely protects NOD mice from insulin-dependent diabetes mellitus. Archives of Biochemistry and Biophysics, 2003, 417, 77-80.	3.0	159
42	Intestinal cytosol binders of 1,25-dihydroxyvitamin D ₃ and 25-hydroxyvitamin D ₃ . Archives of Biochemistry and Biophysics, 1976, 176, 779-787.	3.0	158
43	1 α ,25-dihydroxy-19-nor-vitamin D ₃ , a novel vitamin D-related compound with potential therapeutic activity. Tetrahedron Letters, 1990, 31, 1823-1824.	1.4	158
44	Mechanism of Action and Metabolic Fate of Vitamin D. Vitamins and Hormones, 1967, 25, 315-367.	1.7	157
45	Evidence That 1,25-Dihydroxyvitamin D ₃ Is the Physiologically Active Metabolite of Vitamin D ₃ *. Endocrine Reviews, 1985, 6, 491-511.	20.1	157
46	New 1 α ,25-Dihydroxy-19-norvitamin D ₃ Compounds of High Biological Activity: Synthesis and Biological Evaluation of 2-Hydroxymethyl, 2-Methyl, and 2-Methylene Analogues. Journal of Medicinal Chemistry, 1998, 41, 4662-4674.	6.4	157
47	Absence of Seasonal Variation in Serum Concentrations of 1,25-Dihydroxyvitamin D Despite a Rise in 25-Hydroxyvitamin D in Summer*. Journal of Clinical Endocrinology and Metabolism, 1981, 53, 139-142.	3.6	151
48	Mechanisms and Functions of Vitamin D. Nutrition Reviews, 1998, 56, S4-S10.	5.8	150
49	Regulation of 25-Hydroxyvitamin D ₃ 1 α -Hydroxylase Gene Expression by Parathyroid Hormone and 1,25-Dihydroxyvitamin D ₃ . Archives of Biochemistry and Biophysics, 2000, 381, 143-152.	3.0	145
50	Plasma concentrations of vitamin D ₃ and its metabolites in the rat as influenced by vitamin D ₃ or 25-hydroxyvitamin D ₃ intakes. Archives of Biochemistry and Biophysics, 1980, 202, 43-53.	3.0	135
51	Gene expression profiles in rat intestine identify pathways for 1,25-dihydroxyvitamin D ₃ stimulated calcium absorption and clarify its immunomodulatory properties. Archives of Biochemistry and Biophysics, 2004, 432, 152-166.	3.0	133
52	21,25-Dihydroxycholecalciferol. A metabolite of vitamin D ₃ preferentially active on bone. Biochemistry, 1970, 9, 2917-2922.	2.5	132
53	Vitamin D Receptor Null Mutant Mice Fed High Levels of Calcium Are Fertile. Journal of Nutrition, 2001, 131, 1787-1791.	2.9	131
54	Monoclonal antibodies to the porcine intestinal receptor for 1,25-dihydroxyvitamin D ₃ : interaction with distinct receptor domains. Biochemistry, 1986, 25, 4523-4534.	2.5	128

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55	1 α -Hydroxylated Cholecalciferol Compounds Act Additively with Microbial Phytase to Improve Phosphorus, Zinc and Manganese Utilization in Chicks Fed Soy-Based Diets ¹ . <i>Journal of Nutrition</i> , 1995, 125, 2407-2416.	2.9	125
56	Isolation and characterization of 1.alpha.-hydroxy-23-carboxytetranorvitamin D: a major metabolite of 1,25-dihydroxyvitamin D ₃ . <i>Biochemistry</i> , 1979, 18, 3977-3983.	2.5	124
57	Dietary Calcium Is a Major Factor in 1,25-Dihydroxycholecalciferol Suppression of Experimental Autoimmune Encephalomyelitis in Mice. <i>Journal of Nutrition</i> , 1999, 129, 1966-1971.	2.9	123
58	The Preparation of H ³ -Vitamins D ₂ and D ₃ and Their Localization in the Rat*. <i>Biochemistry</i> , 1963, 2, 1160-1168.	2.5	122
59	Vitamin D and autoimmune diabetes. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 216-222.	2.6	122
60	The synthesis of 25-hydroxycholecalciferol. A biologically active metabolite of vitamin D ₃ . <i>Biochemistry</i> , 1969, 8, 671-675.	2.5	114
61	Vitamin A Antagonizes the Action of Vitamin D in Rats. <i>Journal of Nutrition</i> , 1999, 129, 2246-2250.	2.9	114
62	Isolation and identification of 1,25-dihydroxyvitamin D ₂ . <i>Biochemistry</i> , 1975, 14, 1250-1256.	2.5	113
63	Calcium transport and the role of vitamin D. <i>Archives of Biochemistry and Biophysics</i> , 1969, 134, 139-148.	3.0	110
64	26,26,26,27,27,27-Hexafluoro-1,25-dihydroxyvitamin D ₃ : A highly potent, long-lasting analog of 1,25-dihydroxyvitamin D ₃ . <i>Archives of Biochemistry and Biophysics</i> , 1984, 229, 348-354.	3.0	110
65	The vitamin D receptor is necessary for 1 α ,25-dihydroxyvitamin D ₃ to suppress experimental autoimmune encephalomyelitis in mice. <i>Archives of Biochemistry and Biophysics</i> , 2002, 408, 200-204.	3.0	110
66	PROLONGATION OF ALLOGRAFT SURVIVAL BY 1,25-DIHYDROXYVITAMIN D ₃ ¹ . <i>Transplantation</i> , 1998, 66, 824-828.	1.0	107
67	Regulation of 25-hydroxyvitamin D ₃ -24-hydroxylase mRNA by 1,25-dihydroxyvitamin D ₃ and parathyroid hormone. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 234-237.	2.6	106
68	Novel synthesis of 19-nor-vitamin D compounds. <i>Tetrahedron Letters</i> , 1991, 32, 7663-7666.	1.4	103
69	Hypophosphatemia is responsible for skeletal muscle weakness of vitamin D deficiency. <i>Archives of Biochemistry and Biophysics</i> , 2010, 500, 157-161.	3.0	102
70	Tissue distribution of the 1,25-dihydroxyvitamin D ₃ receptor in the male rat. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 611-616.	2.1	96
71	Intestinal 1,25-dihydroxyvitamin D ₃ binding protein: Specificity of binding. <i>Steroids</i> , 1977, 30, 245-257.	1.8	94
72	Isolation and identification of 25-hydroxyergocalciferol. <i>Biochemistry</i> , 1969, 8, 3515-3520.	2.5	93

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73	Minireview: Vitamin D: Is There a Role in Extraskkeletal Health?. <i>Endocrinology</i> , 2011, 152, 2930-2936.	2.8	92
74	TRPV6 is not required for 1,25-dihydroxyvitamin D ₃ -induced intestinal calcium absorption in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19655-19659.	7.1	90
75	1,25-Dihydroxyvitamin D is not responsible for toxicity caused by vitamin D or 25-hydroxyvitamin D. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 226-230.	3.0	90
76	The influence of dietary calcium and phosphorus on intestinal calcium transport in rats given vitamin D metabolites. <i>Archives of Biochemistry and Biophysics</i> , 1975, 170, 529-535.	3.0	89
77	Assessment of 25-Hydroxyvitamin D 1-Hydroxylase Reserve in Postmenopausal Osteoporosis by Administration of Parathyroid Extract. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1981, 53, 833-835.	3.6	88
78	1,25-Dihydroxyvitamin D ₃ Controls a Cohort of Vitamin D Receptor Target Genes in the Proximal Intestine That Is Enriched for Calcium-regulating Components. <i>Journal of Biological Chemistry</i> , 2015, 290, 18199-18215.	3.4	87
79	Biologically active forms of vitamin D ₃ in kidney and intestine. <i>Archives of Biochemistry and Biophysics</i> , 1964, 108, 12-21.	3.0	86
80	Vitamin D. <i>Vitamins and Hormones</i> , 2016, 100, 1-20.	1.7	86
81	Intestinal Calcium Absorption in the Aged Rat: Evidence of Intestinal Resistance to 1,25(OH) ₂ Vitamin D*. <i>Endocrinology</i> , 1998, 139, 3843-3848.	2.8	84
82	In Vivo Upregulation of Interleukin-4 Is One Mechanism Underlying the Immunoregulatory Effects of 1,25-Dihydroxyvitamin D ₃ . <i>Archives of Biochemistry and Biophysics</i> , 2000, 377, 135-138.	3.0	84
83	2-Methylene-19-nor-(20S)-1,25-dihydroxyvitamin D ₃ Potently Stimulates Gene-specific DNA Binding of the Vitamin D Receptor in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2003, 278, 31756-31765.	3.4	84
84	Calbindin D _{9k} knockout mice are indistinguishable from wild-type mice in phenotype and serum calcium level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12377-12381.	7.1	83
85	Response to Crystalline 1,25-Hydroxyvitamin D ₃ in Vitamin D Dependency. <i>Pediatric Research</i> , 1975, 9, 593-599.	2.3	80
86	Calbindin D _{9k} is not required for 1,25-dihydroxyvitamin D ₃ -mediated Ca ²⁺ absorption in small intestine. <i>Archives of Biochemistry and Biophysics</i> , 2007, 460, 227-232.	3.0	80
87	1,25-DIHYDROXYVITAMIN D ₃ PROLONGS GRAFT SURVIVAL WITHOUT COMPROMISING HOST RESISTANCE TO INFECTION OR BONE MINERAL DENSITY ¹ . <i>Transplantation</i> , 1998, 66, 828-831.	1.0	79
88	Synthesis, Biological Evaluation, and Conformational Analysis of A-Ring Diastereomers of 2-Methyl-1,25-dihydroxyvitamin D ₃ and Their 20-Epimers: Unique Activity Profiles Depending on the Stereochemistry of the A-Ring and at C-20. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4247-4265.	6.4	78
89	Direct chemical synthesis of 1.alpha.,25-dihydroxy[26,27-3H]vitamin D ₃ with high specific activity: its use in receptor studies. <i>Biochemistry</i> , 1980, 19, 2515-2521.	2.5	77
90	Association Between Intestinal Vitamin D Receptor, Calcium Absorption, and Serum 1,25 Dihydroxyvitamin D in Normal Young and Elderly Women. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 922-928.	2.8	75

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91	CYP27B1 null mice with LacZ reporter gene display no 25-hydroxyvitamin D ₃ -1 α -hydroxylase promoter activity in the skin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 75-80.	7.1	75
92	Identification of a highly specific and versatile vitamin D receptor antibody. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 166-177.	3.0	74
93	2-Ethyl and 2-Ethylidene Analogues of 1 α ,25-Dihydroxy-19-norvitamin D ₃ : α Synthesis, Conformational Analysis, Biological Activities, and Docking to the Modeled rVDR Ligand Binding Domain. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3366-3380.	6.4	70
94	Citrate and action of vitamin D on calcium and phosphorus metabolism. <i>American Journal of Physiology</i> , 1963, 204, 833-836.	5.0	69
95	Conformationally Restricted Analogs of 1 α ,25-Dihydroxyvitamin D ₃ and Its 20-Epimer: α Compounds for Study of the Three-Dimensional Structure of Vitamin D Responsible for Binding to the Receptor. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 2727-2737.	6.4	69
96	Retinoic acid is detected at relatively high levels in the CNS of adult rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E672-E678.	3.5	68
97	Isolation and characterization of unsaturated fatty acids as natural ligands for the retinoid-X receptor. <i>Archives of Biochemistry and Biophysics</i> , 2003, 420, 185-193.	3.0	67
98	Metabolism of 25-hydroxycholecalciferol in target and nontarget tissues. <i>Biochemistry</i> , 1970, 9, 3649-3652.	2.5	66
99	Thyrotropes in the pituitary are target cells for 1,25 dihydroxy vitamin D ₃ . <i>Cell and Tissue Research</i> , 1980, 209, 161-6.	2.9	66
100	Vitamin D Compounds in Cows' Milk. <i>Journal of Nutrition</i> , 1982, 112, 667-672.	2.9	66
101	Spleen serves as a reservoir of osteoclast precursors through vitamin D-induced IL-34 expression in osteopetrotic <i>op/op</i> mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10006-10011.	7.1	66
102	Synergistic Effect of Progesterone, Testosterone, and Estradiol in the Stimulation of Chick Renal 25-Hydroxyvitamin D ₃ -1 α -Hydroxylase*. <i>Endocrinology</i> , 1978, 103, 2035-2039.	2.8	65
103	Crystal Structures of Rat Vitamin D Receptor Bound to Adamantyl Vitamin D Analogs: Structural Basis for Vitamin D Receptor Antagonism and Partial Agonism. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5320-5329.	6.4	65
104	Regulation of the Porcine 1,25-Dihydroxyvitamin D ₃ -24-Hydroxylase (CYP24) by 1,25-Dihydroxyvitamin D ₃ and Parathyroid Hormone in AOK-B50 Cells. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 323-327.	3.0	61
105	Regulation of the murine renal vitamin D receptor by 1,25-dihydroxyvitamin D ₃ and calcium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9733-9737.	7.1	61
106	New 2-Alkylidene 1 α ,25-Dihydroxy-19-norvitamin D ₃ Analogues of High Intestinal Activity: α Synthesis and Biological Evaluation of 2-(3 α -Alkoxypropylidene) and 2-(3 α -Hydroxypropylidene) Derivatives. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2909-2920.	6.4	61
107	Effects of increasing doses of 1 α -hydroxyvitamin D ₂ on calcium homeostasis in postmenopausal osteopenic women. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 607-614.	2.8	60
108	Direct C(1) hydroxylation of vitamin D ₃ and related compounds. <i>Journal of Organic Chemistry</i> , 1980, 45, 3253-3258.	3.2	58

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109	Synthesis and Biological Activity of 2-Hydroxy and 2-Alkoxy Analogs of 1.alpha.,25-Dihydroxy-19-norvitamin D ₃ . <i>Journal of Medicinal Chemistry</i> , 1994, 37, 3730-3738.	6.4	57
110	Development of experimental autoimmune encephalomyelitis (EAE) in mice requires vitamin D and the vitamin D receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8501-8504.	7.1	57
111	Biologically active noncalcemic analogs of 1,25-dihydroxyvitamin D with an abbreviated side chain containing no hydroxyl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6900-6904.	7.1	56
112	Stimulation of Lead Absorption by Vitamin D Administration. <i>Journal of Nutrition</i> , 1978, 108, 843-847.	2.9	55
113	1,25-dihydroxyvitamin D ₃ and 19-nor-1,25-dihydroxyvitamin D ₂ suppress immunoglobulin production and thymic lymphocyte proliferation in vivo. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1993, 1158, 279-286.	2.4	55
114	Identification of the Vitamin D Receptor in Osteoblasts and Chondrocytes But Not Osteoclasts in Mouse Bone. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 685-692.	2.8	55
115	The Regulation of 24,25-Dihydroxyvitamin D ₃ Production in Cultures of Monkey Kidney Cells. <i>Endocrinology</i> , 1977, 101, 1184-1193.	2.8	54
116	1,25-Dihydroxyvitamin D ₃ regulates genes responsible for detoxification in intestine. <i>Toxicology and Applied Pharmacology</i> , 2007, 218, 37-44.	2.8	54
117	CD8+ T cells are not necessary for 1,25-dihydroxyvitamin D ₃ to suppress experimental autoimmune encephalomyelitis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5557-5560.	7.1	53
118	Interaction between Vitamin D Receptor and Vitamin D Ligands. <i>Chemistry and Biology</i> , 2003, 10, 261-270.	6.0	51
119	Vitamin D and calcium metabolism. , 1979, 83, 1-65.		50
120	Molecular Biology of Vitamin D Action. <i>Vitamins and Hormones</i> , 1994, 49, 281-326.	1.7	50
121	Analysis of Binding of the 1,25-Dihydroxyvitamin D ₃ Receptor to Positive and Negative Vitamin D Response Elements. <i>Archives of Biochemistry and Biophysics</i> , 1996, 334, 223-234.	3.0	49
122	Mechanism of action of superactive vitamin D analogs through regulated receptor degradation. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 548-558.	2.6	49
123	A Bioassay Capable of Measuring 1 Picogram of 1,25-Dihydroxyvitamin D ₃ *. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1978, 46, 891-896.	3.6	48
124	Identification of the vitamin D receptor in various cells of the mouse kidney. <i>Kidney International</i> , 2012, 81, 993-1001.	5.2	48
125	The vitamin D-induced differentiation of HL-60 cells: Structural requirements. <i>Steroids</i> , 1987, 49, 73-102.	1.8	47
126	Recent Advances in the Molecular Biology of Vitamin D Action. <i>Progress in Molecular Biology and Translational Science</i> , 1996, 53, 321-344.	1.9	46

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127	A Highly Sensitive Method for Large-Scale Measurements of 1,25-Dihydroxyvitamin D. <i>Analytical Biochemistry</i> , 1998, 255, 148-154.	2.4	46
128	Ligand-Specific Structural Changes in the Vitamin D Receptor in Solution. <i>Biochemistry</i> , 2011, 50, 11025-11033.	2.5	45
129	Retinol in Addition to Retinoic Acid is Required for Successful Gestation in Vitamin A-Deficient Rats ¹ . <i>Biology of Reproduction</i> , 1995, 53, 1392-1397.	2.7	44
130	Research Communication: Reproductive Defects Are Corrected in Vitamin D-Deficient Female Rats Fed a High Calcium, Phosphorus and Lactose Diet. <i>Journal of Nutrition</i> , 2002, 132, 2270-2273.	2.9	44
131	Vitamin D deficiency diminishes the severity and delays onset of experimental autoimmune encephalomyelitis. <i>Archives of Biochemistry and Biophysics</i> , 2011, 513, 140-143.	3.0	44
132	Effect of Lead Ingestion on Functions of Vitamin D and its Metabolites. <i>Journal of Nutrition</i> , 1981, 111, 1321-1329.	2.9	43
133	Stereoselective syntheses of (22R)- and (22S)-22-methyl-1.alpha.,25-dihydroxyvitamin D ₃ : active vitamin D ₃ analogs with restricted side-chain conformation. <i>Journal of Organic Chemistry</i> , 1993, 58, 2530-2537.	3.2	43
134	1,25-Dihydroxyvitamin D ₃ and its analog, 2-methylene-19-nor-(20S)-1,25-dihydroxyvitamin D ₃ (2MD), suppress intraocular pressure in non-human primates. <i>Archives of Biochemistry and Biophysics</i> , 2012, 518, 53-60.	3.0	43
135	Synthesis of 25-hydroxy[26,27- ³ H]vitamin D ₃ with high specific activity. <i>Analytical Biochemistry</i> , 1979, 96, 481-488.	2.4	42
136	1,25-Dihydroxyvitamin D ₃ up-regulates the renal vitamin D receptor through indirect gene activation and receptor stabilization. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 466-473.	3.0	42
137	Characterization of intestinal phosphate absorption using a novel in vivo method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1917-E1921.	3.5	42
138	17alpha-Hydroxy-25-fluorovitamin D ₃ : a potent analog of 1,25-dihydroxyvitamin D ₃ . <i>Biochemistry</i> , 1978, 17, 2387-2392.	2.5	41
139	A New Vitamin D Analog, 2MD, Restores Trabecular and Cortical Bone Mass and Strength in Ovariectomized Rats With Established Osteopenia. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1742-1755.	2.8	41
140	Nuclear receptor 4A2 and C/EBP β regulate the parathyroid hormone-mediated transcriptional regulation of the 25-hydroxyvitamin D ₃ -1-hydroxylase. <i>Archives of Biochemistry and Biophysics</i> , 2007, 460, 233-239.	3.0	41
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272	Vitamin D receptor absence does not enhance intestinal tumorigenesis in <i>ApcPirc/+</i> rats. <i>Biology Open</i> , 2022, 11, .	1.2	5
273	A new tritium-release assay for 25-hydroxyvitamin D-1 α -hydroxylase. <i>Analytical Biochemistry</i> , 1987, 164, 424-429.	2.4	4
274	Ring-A-seco analogs of 1 α ,25-dihydroxy-19-norvitamin D3. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 39-43.	2.5	4
275	26- and 27-Methyl groups of 2-substituted, 19-nor-1 α ,25-dihydroxylated vitamin D compounds are essential for calcium mobilization in vivo. <i>Bioorganic Chemistry</i> , 2013, 47, 9-16.	4.1	4

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293	2-Carbon-Modified Analogs of 19-Nor-1 α ,25-Dihydroxyvitamin D ₃ . , 2005, , 1543-1555.		1
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