Hector F Deluca

List of Publications by Year
in descending order

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	Novel superagonist analogs of 2-methylene calcitriol: Design, molecular docking, synthesis and biological evaluation. Bioorganic Chemistry, 2022, 118, 105416.	4.1	2
2	Vitamin D esters are the major form of vitamin D produced by UV irradiation in mice. Photochemical and Photobiological Sciences, 2022, 21, 1399-1404.	2.9	6
3	Vitamin D receptor absence does not enhance intestinal tumorigenesis in ApcPirc/+rats. Biology Open, 2022, 11, .	1.2	5
4	Vitamins | Vitamin D. , 2021, , 1115-1120.		0
5	Vitamin D binding protein greatly improves bioactivity but is not essential for orally administered vitamin D. Physiological Reports, 2021, 9, e15138.	1.7	2
6	A New 1,25 Dihydroxy Vitamin D Analog with Strong Bone Anabolic Activity in OVX Rats with Little or no Bone Resorptive Activity. Journal of Bone and Mineral Research, 2020, 35, 623-630.	2.8	2
7	Nonskeletal effects of vitamin D. , 2020, , 757-774.		0
8	Synthesis and Biological Activity of 2,22-Dimethylene Analogues of 19-Norcalcitriol and Related Compounds. Journal of Medicinal Chemistry, 2020, 63, 7355-7368.	6.4	6
9	UV light suppression of EAE (a mouse model of multiple sclerosis) is independent of vitamin D and its receptor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22552-22555.	7.1	19
10	Vitamin D is not required for adaptive immunity to listeria. Physiological Reports, 2019, 7, e14209.	1.7	3
11	Vitamin D binding protein is required to utilize skin-generated vitamin D. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24527-24532.	7.1	23
12	Vitamin D deficiency in the ApcPirc/+ rat does not exacerbate colonic tumorigenesis, while low dietary calcium might be protective. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	8
13	Vitamin D assays and the definition of hypovitaminosis D: results from the First International Conference on Controversies in Vitamin D. British Journal of Clinical Pharmacology, 2018, 84, 2194-2207.	2.4	211
14	Historical Overview of Vitamin D. , 2018, , 3-12.		1
15	Design, synthesis and biological properties of seco-d-ring modified 1Î±,25-dihydroxyvitamin D3 analogues. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 144-154.	2.5	6
16			

#	Article	IF	Citations
19	Synthesis and Biological Evaluation of Cyclopropylamine Vitamin Dâ€Like CYP24A1 Inhibitors. ChemistrySelect, 2017, 2, 8346-8353.	1.5	2
20	D- seco -Vitamin D analogs having reversed configurations at C-13 and C-14: Synthesis, docking studies and biological evaluation. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 57-63.	2.5	1
21	Pharmacokinetics of a New Oral Vitamin D Receptor Activator (2-Methylene-19-Nor-(20S)-1Î±,25-Dihydroxyvitamin D3) in Patients with Chronic Kidney Disease and Secondary Hyperparathyroidism on Hemodialysis. Drugs in R and D, 2017, 17, 597-605.	2.2	3
22	Differential activity of 2-methylene-19-nor vitamin D analogs on growth factor gene expression in rhino mouse skin and comparison to all-trans retinoic acid. PLoS ONE, 2017, 12, e0188887.	2.5	2
23	Suppression of experimental autoimmune encephalomyelitis by ultraviolet light is not mediated by isomerization of urocanic acid. BMC Neuroscience, 2017, 18, 8.	1.9	8
24	Salate derivatives found in sunscreens block experimental autoimmune encephalomyelitis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8528-8531.	7.1	10
25	The absence of 25-hydroxyvitamin D 3 -1Î±-hydroxylase potentiates the suppression of EAE in mice by ultraviolet light. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 98-102.	2.5	11
26	Analogs of 1Î±,25-Dihydroxyvitamin D3 in Clinical Use. Vitamins and Hormones, 2016, 100, 151-164.	1.7	12
27	Vitamin D Metabolism in Normal and Chronic Kidney Disease States. , 2016, , 3-17.		0
28	The Association of Mineral Metabolism with Vascular Access Patency. Journal of Vascular Access, 2016, 17, 392-396.	0.9	6
29	Use of 2MD, a Novel Oral Calcitriol Analog, in Hemodialysis Patients with Secondary Hyperparathyroidism. American Journal of Nephrology, 2016, 43, 213-220.	3.1	10
30	A new suprasterol by photochemical reaction of 1Î±,25-dihydroxy-9-methylene-19-norvitamin D3. Organic and Biomolecular Chemistry, 2016, 14, 1646-1652.	2.8	1
31	A novel, fully-automated, chemiluminescent assay for the detection of 1,25-dihydroxyvitamin D in biological samples. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 120-126.	2.5	26
32	Vitamin D. Vitamins and Hormones, 2016, 100, 1-20.	1.7	86
33	A Methylene Group on C-2 of 24,24-Difluoro-19-nor-1Î±,25-dihydroxyvitamin D₃ Markedly Increases Bone Calcium Mobilization in Vivo. Journal of Medicinal Chemistry, 2015, 58, 9731-9741.	6.4	9
34	Cholecalciferol or 25-Hydroxycholecalciferol Neither Prevents Nor Treats Adenomas in a Rat Model of Familial Colon Cancer. Journal of Nutrition, 2015, 145, 291-298.	2.9	14
35	UV light selectively inhibits spinal cord inflammation and demyelination in experimental autoimmune encephalomyelitis. Archives of Biochemistry and Biophysics, 2015, 567, 75-82.	3.0	24
36	Novel 9-Alkyl- and 9-Alkylidene-Substituted 1Î±,25-Dihydroxyvitamin D₃ Analogues: Synthesis and Biological Examinations. Journal of Medicinal Chemistry, 2015, 58, 6237-6247.	6.4	10

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37	1,25-Dihydroxyvitamin D3 Controls a Cohort of Vitamin D Receptor Target Genes in the Proximal Intestine That Is Enriched for Calcium-regulating Components. Journal of Biological Chemistry, 2015, 290, 18199-18215.	3.4	87
38	Vitamin D deficiency independent of hypocalcemia elevates blood pressure in rats. Biochemical and Biophysical Research Communications, 2015, 461, 589-591.	2.1	14
39	Synthesis and Biological Activity of 2-Methylene Analogues of Calcitriol and Related Compounds. Journal of Medicinal Chemistry, 2015, 58, 9653-9662.	6.4	6
40	The vitamin D receptor in the proximal renal tubule is a key regulator of serum 1Î±,25-dihydroxyvitamin D₃. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E201-E205.	3.5	35
41	Is there more to learn about functional vitamin D metabolism?. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 3-6.	2.5	12
42	History of the discovery of vitamin D and its active metabolites. BoneKEy Reports, 2014, 3, 479.	2.7	170
43	Synthesis and Biological Activity of 25-Hydroxy-2-methylene-vitamin D₃ Analogues Monohydroxylated in the A-ring. Journal of Medicinal Chemistry, 2014, 57, 8319-8331.	6.4	10
44	Identification of the Vitamin D Receptor in Osteoblasts and Chondrocytes But Not Osteoclasts in Mouse Bone. Journal of Bone and Mineral Research, 2014, 29, 685-692.	2.8	55
45	Small-Molecule Inhibitors of 25-Hydroxyvitamin D-24-Hydroxylase (CYP24A1): Synthesis and Biological Evaluation. Journal of Medicinal Chemistry, 2014, 57, 7702-7715.	6.4	17
46	The development of a bone- and parathyroid-specific analog of vitamin D: 2-methylene-19-Nor-(20S)-1Î±,25-dihydroxyvitamin D3. BoneKEy Reports, 2014, 3, 514.	2.7	10
47	Novel styryl-indoles as small molecule inhibitors of 25-hydroxyvitamin D-24-hydroxylase (CYP24A1): Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2014, 87, 39-51.	5.5	5
48	26-Desmethyl-2-methylene-22-ene-19-nor-1Î±,25-dihydroxyvitamin D3 compounds selectively active on intestine. Steroids, 2014, 83, 27-38.	1.8	0
49	Novel, Selective Vitamin D Analog Suppresses Parathyroid Hormone in Uremic Animals and Postmenopausal Women. American Journal of Nephrology, 2014, 39, 476-483.	3.1	13
50	Synthesis and biological activity of 25-hydroxy-2-methylene-vitamin D3 compounds. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 17-22.	2.5	6
51	Synthesis and biological evaluation of novel 6-substituted analogs of 1Î±,25-dihydroxy-19-norvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 30-33.	2.5	9
52	Highly potent 2-methylene analogs of 1Î±,25-dihydroxyvitamin D3: Synthesis and biological evaluation. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 9-13.	2.5	8
53	Ring-A-seco analogs of 1Î±,25-dihydroxy-19-norvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 39-43.	2.5	4
54	26- and 27-Methyl groups of 2-substituted, 19-nor-1Î±,25-dihydroxylated vitamin D compounds are essential for calcium mobilization in vivo. Bioorganic Chemistry, 2013, 47, 9-16.	4.1	4

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55	Suppression of experimental autoimmune encephalomyelitis by 300â€“315 nm ultraviolet light. Archives of Biochemistry and Biophysics, 2013, 536, 81-86.	3.0	34
56	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
57	VITAMIN D SCIENCE, WARF, AND UNIVERSITY OF WISCONSIN-MADISON. Technology and Innovation, 2013, 15, 187-195.	0.2	0
58	Identification of the vitamin D receptor in various cells of the mouse kidney. Kidney International, 2012, 81, 993-1001.	5.2	48
59	Development of experimental autoimmune encephalomyelitis (EAE) in mice requires vitamin D and the vitamin D receptor. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8501-8504.	7.1	57
60	Spleen serves as a reservoir of osteoclast precursors through vitamin D-induced IL-34 expression in osteopetrotic op/op mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10006-10011.	7.1	66
61	Efficient stable isotope labeling and purification of vitamin D receptor from inclusion bodies. Protein Expression and Purification, 2012, 85, 25-31.	1.3	2
62	A 20S Combined with a 22R Configuration Markedly Increases both in Vivo and in Vitro Biological Activity of 1Î±,25-Dihydroxy-22-methyl-2-methylene-19-norvitamin D₃. Journal of Medicinal Chemistry, 2012, 55, 4352-4366.	6.4	12
63	Synthesis and biological activities of vitamin D-like inhibitors of CYP24 hydroxylase. Steroids, 2012, 77, 212-223.	1.8	26
64	1Î±,25-Dihydroxyvitamin D3 and its analog, 2-methylene-19-nor-(20S)-1Î±,25-dihydroxyvitamin D3 (2MD), suppress intraocular pressure in non-human primates. Archives of Biochemistry and Biophysics, 2012, 518, 53-60.	3.0	43
65	Where is the vitamin D receptor?. Archives of Biochemistry and Biophysics, 2012, 523, 123-133.	3.0	468
66	Ligand-Specific Structural Changes in the Vitamin D Receptor in Solution. Biochemistry, 2011, 50, 11025-11033.	2.5	45
67	Synthesis and Biological Activity of 2-(3â€²-Hydroxypropylidene)-1Î±-hydroxy-19-norvitamin D Analogues with Shortened Alkyl Side Chains. Journal of Medicinal Chemistry, 2011, 54, 6832-6842.	6.4	12
68	1,25-Dihydroxyvitamin D is not responsible for toxicity caused by vitamin D or 25-hydroxyvitamin D. Archives of Biochemistry and Biophysics, 2011, 505, 226-230.	3.0	90
69	Vitamin D deficiency diminishes the severity and delays onset of experimental autoimmune encephalomyelitis. Archives of Biochemistry and Biophysics, 2011, 513, 140-143.	3.0	44
70	13,13-Dimethyl-des-C,D analogues of (20S)-1Î±,25-dihydroxy-2-methylene-19-norvitamin D3 (2MD): Total synthesis, docking to the VDR, and biological evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 7205-7220.	3.0	10
71	The Importance of Stereochemistry on the Actions of Vitamin D. Current Topics in Medicinal Chemistry, 2011, 11, 840-859.	2.1	14
72	The vitamin D analogue 2MD increases bone turnover but not BMD in postmenopausal women with osteopenia: Results of a 1-year phase 2 double-blind, placebo-controlled, randomized clinical trial. Journal of Bone and Mineral Research, 2011, 26, 538-545.	2.8	31

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73	Minireview: Vitamin D: Is There a Role in Extraskeletal Health?. Endocrinology, 2011, 152, 2930-2936.	2.8	92
74	Is the Vitamin D Receptor Found in Muscle?. Endocrinology, 2011, 152, 354-363.	2.8	228
75	Alterations in 1,25-Dihydroxyvitamin D 3 Structure that Produce Profound Changes in in Vivo Activity. , 2011, , 1429-1435.		2
76	Vitamin D, disease and therapeutic opportunities. Nature Reviews Drug Discovery, 2010, 9, 941-955.	46.4	378
77	UV radiation suppresses experimental autoimmune encephalomyelitis independent of vitamin D production. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6418-6423.	7.1	187
78	Identification of a Unique Subset of 2-Methylene-19-Nor Analogs of Vitamin D with Comedolytic Activity in the Rhino Mouse. Journal of Investigative Dermatology, 2010, 130, 2359-2367.	0.7	15
79	Removal of the 26-Methyl Group from 19-nor-1Î±,25-Dihydroxyvitamin D3Markedly Reduces in Vivo Calcemic Activity without Altering in Vitro VDR Binding, HL-60 Cell Differentiation, and Transcription. Journal of Medicinal Chemistry, 2010, 53, 8642-8649.	6.4	17
80	Synthesis and biological evaluation of 6-methyl analog of 1Î±,25-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 29-33.	2.5	9
81	New 1Î±,25-dihydroxy-19-norvitamin D3 analogs with a frozen A-ring conformation. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 46-50.	2.5	7
82	1-Desoxy analog of 2MD: Synthesis and biological activity of (20S)-25-hydroxy-2-methylene-19-norvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 51-55.	2.5	14
83	Identification of a highly specific and versatile vitamin D receptor antibody. Archives of Biochemistry and Biophysics, 2010, 494, 166-177.	3.0	74
84	Hypophosphatemia is responsible for skeletal muscle weakness of vitamin D deficiency. Archives of Biochemistry and Biophysics, 2010, 500, 157-161.	3.0	102
85	Screening of Selective Inhibitors of 1Î±,25-Dihydroxyvitamin D₃ 24-Hydroxylase Using Recombinant Human Enzyme Expressed in Escherichia coli. Biochemistry, 2010, 49, 10403-10411.	2.5	15
86	The Functional Metabolism and Molecular Biology of Vitamin D Action. , 2010, , 61-97.		6
87	Enhancement of 1,25-dihydroxyvitamin D₃-mediated suppression of experimental autoimmune encephalomyelitis by calcitonin. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5276-5281.	7.1	31
88	The Functional Metabolism and Molecular Biology of Vitamin D Action. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 20-41.	0.8	31
89	13-Methyl-substituted des-C,D analogs of (20S)-1Î±,25-dihydroxy-2-methylene-19-norvitamin D3 (2MD): Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry, 2009, 17, 1747-1763.	3.0	14
90	Removal of the 20-methyl group from 2-methylene-19-nor-(20S)-1Î±,25-dihydroxyvitamin D3 (2MD) selectively eliminates bone calcium mobilization activity. Bioorganic and Medicinal Chemistry, 2009, 17, 7658-7669.	3.0	23

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91	Diaminobutane (DAB) Dendrimers Are Potent Binders of Oral Phosphate. Journal of Bone and Mineral Research, 2009, 24, 97-101.	2.8	2
92	The calcitonin/calcitonin gene related peptide-Î± gene is not required for 1Î±,25-dihydroxyvitamin D3-mediated suppression of experimental autoimmune encephalomyelitis. Archives of Biochemistry and Biophysics, 2009, 488, 105-108.	3.0	6
93	Vitamin D and the Parenteral Nutrition Patient. Gastroenterology, 2009, 137, S79-S91.	1.3	21
94	New 1Î±,25-Dihydroxy-19-norvitamin D₃ Compounds Constrained in a Single A-Ring Conformation: Synthesis of the Analogues by Ring-Closing Metathesis Route and Their Biological Evaluation. Journal of Medicinal Chemistry, 2009, 52, 3496-3504.	6.4	16
95	Synthesis and biological properties of 2-methylene-19-nor-25-dehydro-1Î±-hydroxyvitamin D3-26,23-lactonesâ€"weak agonists. Bioorganic and Medicinal Chemistry, 2008, 16, 8563-8573.	3.0	21
96	Evolution of our understanding of vitamin D. Nutrition Reviews, 2008, 66, S73-S87.	5.8	205
97	2-Methylene-19-nor-20(S)-1Î±-hydroxy-bishomopregnacalciferol [20(S)-2MbisP], an analog of vitamin D3 [1,25(OH)2D3], does not stimulate intestinal phosphate absorption at levels previously shown to suppress parathyroid hormone. Steroids, 2008, 73, 1277-1284.	1.8	7
98	Crystal Structures of Rat Vitamin D Receptor Bound to Adamantyl Vitamin D Analogs: Structural Basis for Vitamin D Receptor Antagonism and Partial Agonism. Journal of Medicinal Chemistry, 2008, 51, 5320-5329.	6.4	65
99	TRPV6 is not required for 1Î±,25-dihydroxyvitamin D ₃ -induced intestinal calcium absorption in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19655-19659.	7.1	90
100	Characterization of intestinal phosphate absorption using a novel in vivo method. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1917-E1921.	3.5	42
101	Methyl substitution of the 25-hydroxy group on 2-methylene-19-nor-1Î±,25-dihydroxyvitamin D3 (2MD) reduces potency but allows bone selectivity. Archives of Biochemistry and Biophysics, 2007, 460, 274-284.	3.0	18
102	Identification of a highly potent vitamin D receptor antagonist: (25S)-26-Adamantyl-25-hydroxy-2-methylene-22,23-didehydro-19,27-dinor-20-epi-vitamin D3 (ADMI3). Archives of Biochemistry and Biophysics, 2007, 460, 240-253.	3.0	35
103	Nuclear receptor 4A2 and C/EBPÎ² regulate the parathyroid hormone-mediated transcriptional regulation of the 25-hydroxyvitamin D3-1Î±-hydroxylase. Archives of Biochemistry and Biophysics, 2007, 460, 233-239.	3.0	41
104	New analogs of 2-methylene-19-nor-(20S)-1,25-dihydroxyvitamin D3 with conformationally restricted side chains: Evaluation of biological activity and structural determination of VDR-bound conformations. Archives of Biochemistry and Biophysics, 2007, 460, 161-165.	3.0	34
105	Calbindin D9k is not required for 1,25-dihydroxyvitamin D3-mediated Ca2+ absorption in small intestine. Archives of Biochemistry and Biophysics, 2007, 460, 227-232.	3.0	80
106	Differential recruitment of coactivators to the vitamin D receptor transcriptional complex by 1Î±,25-dihydroxyvitamin D3 analogs. Archives of Biochemistry and Biophysics, 2007, 465, 443-451.	3.0	9
107	New 19-nor-(20S)-1Î±,25-dihydroxyvitamin D3 analogs strongly stimulate osteoclast formation both in vivo and in vitro. Bone, 2007, 40, 293-304.	2.9	33
108	Selective analogs of 1Î±,25-dihydroxyvitamin D3 for the study of specific functions of Vitamin D. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 263-268.	2.5	19

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109	Synthesis and biological evaluation of a des-C,D-analog of 2-methylene-19-nor-1Î±,25-(OH)2D3. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 298-304.	2.5	9
110	22-Alkyl-20-epi-1Î±,25-dihydroxyvitamin D3Compounds of Superagonistic Activity:Â Syntheses, Biological Activities and Interaction with the Receptor. Journal of Medicinal Chemistry, 2007, 50, 932-939.	6.4	19
111	Design, Synthesis, and Biological Evaluation of a 1Î±,25-Dihydroxy-19-norvitamin D3Analogue with a Frozen A-Ring Conformation. Journal of Medicinal Chemistry, 2007, 50, 6154-6164.	6.4	20
112	1,25-Dihydroxyvitamin D3 regulates genes responsible for detoxification in intestine. Toxicology and Applied Pharmacology, 2007, 218, 37-44.	2.8	54
113	Effect of 2-Methylene-19-nor-(20S)-1Î±-Hydroxy-Bishomopregnacalciferol (2MbisP), an Analog of Vitamin D, on Secondary Hyperparathyroidism. Journal of Bone and Mineral Research, 2007, 22, 686-694.	2.8	14
114	New 2-Alkylidene 1Î±,25-Dihydroxy-19-norvitamin D3 Analogues of High Intestinal Activity:â€‰ Synthesis and Biological Evaluation of 2-(3â€˜-Alkoxypropylidene) and 2-(3â€˜-Hydroxypropylidene) Derivatives. Journal of Medicinal Chemistry, 2006, 49, 2909-2920.	6.4	61
115	2MD, a new anabolic agent for osteoporosis treatment. Osteoporosis International, 2006, 17, 704-715.	3.1	34
116	Calbindin D _{9k} knockout mice are indistinguishable from wild-type mice in phenotype and serum calcium level. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12377-12381.	7.1	83
117	CYP27B1 null mice with LacZreporter gene display no 25-hydroxyvitamin D3-1Â-hydroxylase promoter activity in the skin. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 75-80.	7.1	75
118	A New Vitamin D Analog, 2MD, Restores Trabecular and Cortical Bone Mass and Strength in Ovariectomized Rats With Established Osteopenia. Journal of Bone and Mineral Research, 2005, 20, 1742-1755.	2.8	41
119	NMR assignments of tryptophan residue in apo and holo LBD-rVDR. Proteins: Structure, Function and Bioinformatics, 2005, 61, 461-467.	2.6	17
120	All-trans Retinoic Acid Antagonizes the Action of Calciferol and Its Active Metabolite, 1,25-Dihydroxycholecalciferol, in Rats. Journal of Nutrition, 2005, 135, 1647-1652.	2.9	33
121	Parathyroid hormone decreases renal vitamin D receptor expression in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4724-4728.	7.1	34
122	Responsiveness of human retinoblastoma and neuroblastoma models to a non-calcemic 19-nor Vitamin D analog. Journal of Steroid Biochemistry and Molecular Biology, 2005, 97, 165-172.	2.5	15
123	1,25-Dihydroxyvitamin D3 up-regulates the renal vitamin D receptor through indirect gene activation and receptor stabilization. Archives of Biochemistry and Biophysics, 2005, 433, 466-473.	3.0	42
124	Hypercalcemia produced by parathyroid hormone suppresses experimental autoimmune encephalomyelitis in female but not male mice. Archives of Biochemistry and Biophysics, 2005, 442, 214-221.	3.0	29
125	2-Carbon-Modified Analogs of 19-Nor-1Î±,25-Dihydroxyvitamin D3. , 2005, , 1543-1555.		1
126	Biologically active noncalcemic analogs of 1Â,25-dihydroxyvitamin D with an abbreviated side chain containing no hydroxyl. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6900-6904.	7.1	56

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127	New derivative of 1$alpha;,25-dihydroxy-19-norvitamin D3 with 3$prime;-alkoxypropylidene moiety at C-2: synthesis, biological activity and conformational analysis*1. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 25-25.	2.5	0
128	2-Methylene analogs of 1$alpha;-hydroxy-19-norvitamin D3: synthesis, biological activities and docking to the ligand binding domain of the rat vitamin D receptor*1. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 13-13.	2.5	0
129	Molecular Structure of the Rat Vitamin D Receptor Ligand Binding Domain Complexed with 2-Carbon-Substituted Vitamin D3 Hormone Analogues and a LXXLL-Containing Coactivator Peptide,. Biochemistry, 2004, 43, 4101-4110.	2.5	179
130	Model of three-dimensional structure of VDR bound with Vitamin D3 analogs substituted at carbon-2. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 107-110.	2.5	8
131	2-Methylene analogs of 1Î±-hydroxy-19-norvitamin D3: synthesis, biological activities and docking to the ligand binding domain of the rat vitamin D receptor. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 13-17.	2.5	7
132	Therapeutic potential of the 2-alkyl and 2-alkylidene-19-nor-(20S)-modified analogs of 1Î±,25-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 67-73.	2.5	11
133	New derivative of 1Î±,25-dihydroxy-19-norvitamin D3 with 3â€²-alkoxypropylidene moiety at C-2: synthesis, biological activity and conformational analysis. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 25-30.	2.5	8
134	Gene expression profiles in rat intestine identify pathways for 1,25-dihydroxyvitamin D3 stimulated calcium absorption and clarify its immunomodulatory properties. Archives of Biochemistry and Biophysics, 2004, 432, 152-166.	3.0	133
135	Overview of general physiologic features and functions of vitamin D. American Journal of Clinical Nutrition, 2004, 80, 1689S-1696S.	4.7	1,764
136	Regulation of 25-hydroxyvitamin D3-24-hydroxylase mRNA by 1,25-dihydroxyvitamin D3and parathyroid hormone. Journal of Cellular Biochemistry, 2003, 88, 234-237.	2.6	106
137	Vitamin D and autoimmune diabetes. Journal of Cellular Biochemistry, 2003, 88, 216-222.	2.6	122
138	Interaction between Vitamin D Receptor and Vitamin D Ligands. Chemistry and Biology, 2003, 10, 261-270.	6.0	51
139	Isolation and characterization of unsaturated fatty acids as natural ligands for the retinoid-X receptor. Archives of Biochemistry and Biophysics, 2003, 420, 185-193.	3.0	67
140	Oral administration of 1,25-dihydroxyvitamin D3 completely protects NOD mice from insulin-dependent diabetes mellitus. Archives of Biochemistry and Biophysics, 2003, 417, 77-80.	3.0	159
141	Regulation of the murine renal vitamin D receptor by 1,25-dihydroxyvitamin D3 and calcium. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9733-9737.	7.1	61
142	2-Methylene-19-nor-(20S)-1,25-dihydroxyvitamin D3 Potently Stimulates Gene-specific DNA Binding of the Vitamin D Receptor in Osteoblasts. Journal of Biological Chemistry, 2003, 278, 31756-31765.	3.4	84
143	Bone Resorption Activity of All-trans Retinoic Acid Is Independent of Vitamin D in Rats. Journal of Nutrition, 2003, 133, 777-783.	2.9	37
144	CD8+ T cells are not necessary for 1Â,25-dihydroxyvitamin D3 to suppress experimental autoimmune encephalomyelitis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5557-5560.	7.1	53

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145	A potent analog of 1Î±,25-dihydroxyvitamin D ₃ selectively induces bone formation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13487-13491.	7.1	173
146	Retinoic acid is detected at relatively high levels in the CNS of adult rats. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E672-E678.	3.5	68
147	Regulation of renal vitamin D receptor is an important determinant of 1Î±,25-dihydroxyvitamin D3 levels in vivo. Archives of Biochemistry and Biophysics, 2002, 401, 44-52.	3.0	27
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