

Mark R Haussler

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167
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17,391
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172
ext. papers

18,411
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
167	The nuclear vitamin D receptor: biological and molecular regulatory properties revealed. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 325-49	6.3	1036
166	Vitamin D receptor as an intestinal bile acid sensor. <i>Science</i> , 2002 , 296, 1313-6	33.3	899
165	Cloning and expression of full-length cDNA encoding human vitamin D receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 3294-8	11.5	790
164	Estrogen binding, receptor mRNA, and biologic response in osteoblast-like osteosarcoma cells. <i>Science</i> , 1988 , 241, 81-4	33.3	748
163	Molecular mechanisms of vitamin D action. <i>Calcified Tissue International</i> , 2013 , 92, 77-98	3.9	464
162	Molecular cloning of complementary DNA encoding the avian receptor for vitamin D. <i>Science</i> , 1987 , 235, 1214-7	33.3	454
161	Basic and clinical concepts related to vitamin D metabolism and action (first of two parts). <i>New England Journal of Medicine</i> , 1977 , 297, 974-83	59.2	451
160	Vitamin D receptor (VDR)-mediated actions of 1,25(OH) ₂ vitamin D ₃ : genomic and non-genomic mechanisms. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011 , 25, 543-59	6.5	403
159	1,25-Dihydroxyvitamin D ₃ -induced differentiation in a human promyelocytic leukemia cell line (HL-60): receptor-mediated maturation to macrophage-like cells. <i>Journal of Cell Biology</i> , 1984 , 98, 391-8	7.3	385
158	Regulation of serum 1alpha,25-dihydroxyvitamin D ₃ by calcium and phosphate in the rat. <i>Science</i> , 1975 , 190, 578-80	33.3	335
157	Functionally relevant polymorphisms in the human nuclear vitamin D receptor gene. <i>Molecular and Cellular Endocrinology</i> , 2001 , 177, 145-59	4.4	309
156	1alpha,25-Dihydroxyvitamin D ₃ upregulates FGF23 gene expression in bone: the final link in a renal-gastrointestinal-skeletal axis that controls phosphate transport. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, G1036-42	5.1	301
155	The polymorphic N terminus in human vitamin D receptor isoforms influences transcriptional activity by modulating interaction with transcription factor IIB. <i>Molecular Endocrinology</i> , 2000 , 14, 401-20		291
154	Identification and regulation of 1,25-dihydroxyvitamin D ₃ receptor activity and biosynthesis of 1,25-dihydroxyvitamin D ₃ . Studies in cultured bovine aortic endothelial cells and human dermal capillaries. <i>Journal of Clinical Investigation</i> , 1989 , 83, 1903-15	15.9	260
153	Effects of retinoic acid (RA) on the growth and phenotypic expression of several human neuroblastoma cell lines. <i>Experimental Cell Research</i> , 1983 , 148, 21-30	4.2	256
152	The role of 1 alpha, 25-dihydroxyvitamin D in the mediation of intestinal hyperabsorption of calcium in primary hyperparathyroidism and absorptive hypercalciuria. <i>Journal of Clinical Investigation</i> , 1977 , 59, 756-60	15.9	220
151	Molecular nature of the vitamin D receptor and its role in regulation of gene expression. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2001 , 2, 203-16	10.5	216

150	Induction of intestinal brush border alkaline phosphatase by vitamin D and identity with ca-ATPase. <i>Nature</i> , 1970 , 228, 1199-201	50.4	214
149	Vitamin D receptor: molecular signaling and actions of nutritional ligands in disease prevention. <i>Nutrition Reviews</i> , 2008 , 66, S98-112	6.4	211
148	Radioligand receptor assay for 25-hydroxyvitamin D ₂ /D ₃ and 1 alpha, 25-dihydroxyvitamin D ₂ /D ₃ . <i>Journal of Clinical Investigation</i> , 1976 , 58, 61-70	15.9	199
147	1,25-Dihydroxycholecalciferol Receptors in Intestine. <i>Journal of Biological Chemistry</i> , 1974 , 249, 1251-1254	5.4	191
146	Human vitamin D receptor is selectively phosphorylated by protein kinase C on serine 51, a residue crucial to its trans-activation function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 9315-9	11.5	188
145	Basic and clinical concepts related to vitamin D metabolism and action (second of two parts). <i>New England Journal of Medicine</i> , 1977 , 297, 1041-50	59.2	187
144	The pathophysiology of altered calcium metabolism in rhabdomyolysis-induced acute renal failure. Interactions of parathyroid hormone, 25-hydroxycholecalciferol, and 1,25-dihydroxycholecalciferol. <i>New England Journal of Medicine</i> , 1981 , 305, 117-23	59.2	182
143	Transcription factor TFIIIB and the vitamin D receptor cooperatively activate ligand-dependent transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1535-9	11.5	180
142	1,25-Dihydroxycholecalciferol Receptors in Intestine. <i>Journal of Biological Chemistry</i> , 1974 , 249, 1258-1264	5.4	178
141	Radioreceptor assay for 1 alpha,25-dihydroxyvitamin D ₃ . <i>Science</i> , 1974 , 183, 1089-91	33.3	176
140	Immunocytochemical detection of 1,25-dihydroxyvitamin D receptors in normal human tissues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 607-13	5.6	173
139	Immunocytochemical localization of the 1,25-dihydroxyvitamin D ₃ receptor in target cells. <i>Endocrinology</i> , 1988 , 122, 1224-30	4.8	173
138	Physical and functional interaction between the vitamin D receptor and hairless corepressor, two proteins required for hair cycling. <i>Journal of Biological Chemistry</i> , 2003 , 278, 38665-74	5.4	171
137	Chromosomal receptor for a vitamin D metabolite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1969 , 62, 155-62	11.5	171
136	Vitamin D 3 -25-hydroxylase: tissue occurrence and apparent lack of regulation. <i>Archives of Biochemistry and Biophysics</i> , 1973 , 155, 47-57	4.1	159
135	Cytoplasmic and nuclear binding components for 1alpha25-dihydroxyvitamin D ₃ in chick parathyroid glands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1975 , 72, 4871-5	11.5	151
134	Filter assay for 1alpha, 25-dihydroxyvitamin D ₃ . Utilization of the hormone's target tissue chromatin receptor. <i>Biochemistry</i> , 1974 , 13, 4091-7	3.2	147
133	Effect of growth hormone on vitamin D metabolism. <i>Nature</i> , 1978 , 273, 246-7	50.4	146

132	Experimental diabetes reduces circulating 1,25-dihydroxyvitamin D in the rat. <i>Science</i> , 1977 , 196, 1452-433,3	145
131	Reduction of vitamin D hormone receptor mRNA levels in Alzheimer as compared to Huntington hippocampus: correlation with calbindin-28k mRNA levels. <i>Molecular Brain Research</i> , 1992 , 13, 239-50	138
130	A rapidly acting metabolite of vitamin D3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1971 , 68, 177-81	11.5 135
129	1,25-Dihydroxyvitamin D3/VDR-mediated induction of FGF23 as well as transcriptional control of other bone anabolic and catabolic genes that orchestrate the regulation of phosphate and calcium mineral metabolism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 381-8	5.1 134
128	The nuclear vitamin D receptor controls the expression of genes encoding factors which feed the "Fountain of Youth" to mediate healthful aging. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 88-97	5.1 128
127	The vitamin D-responsive element in the rat bone Gla protein gene is an imperfect direct repeat that cooperates with other cis-elements in 1,25-dihydroxyvitamin D3- mediated transcriptional activation. <i>Molecular Endocrinology</i> , 1991 , 5, 373-85	128
126	Expression of 1,25-dihydroxyvitamin D3 receptors in normal and psoriatic skin. <i>Journal of Investigative Dermatology</i> , 1991 , 97, 230-9	4.3 125
125	Biochemical evidence for 1,25-dihydroxyvitamin D receptor macromolecules in parathyroid, pancreatic, pituitary, and placental tissues. <i>Life Sciences</i> , 1980 , 26, 407-14	6.8 124
124	Steroid hormone receptors: evolution, ligands, and molecular basis of biologic function. <i>Journal of Cellular Biochemistry</i> , 1999 , Suppl 32-33, 110-22	4.7 122
123	High-affinity androgen binding and androgenic regulation of alpha 1(I)-procollagen and transforming growth factor-beta steady state messenger ribonucleic acid levels in human osteoblast-like osteosarcoma cells. <i>Endocrinology</i> , 1991 , 128, 2723-30	4.8 122
122	Vitamin D receptor controls expression of the anti-aging klotho gene in mouse and human renal cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 557-62	3.4 116
121	1,25-Dihydroxycholecalciferol deficiency: the probable cause of hypocalcemia and metabolic bone disease in pseudohypoparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1976 , 42, 621-8	5.6 116
120	Liganded VDR induces CYP3A4 in small intestinal and colon cancer cells via DR3 and ER6 vitamin D responsive elements. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 730-8	3.4 110
119	Plasma 1,25-dihydroxyvitamin D levels in patients receiving anticonvulsant drugs. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1977 , 44, 617-21	5.6 109
118	Vitamin D receptor: key roles in bone mineral pathophysiology, molecular mechanism of action, and novel nutritional ligands. <i>Journal of Bone and Mineral Research</i> , 2007 , 22 Suppl 2, V2-10	6.3 108
117	1,25-Dihydroxyvitamin D regulates expression of the tryptophan hydroxylase 2 and leptin genes: implication for behavioral influences of vitamin D. <i>FASEB Journal</i> , 2015 , 29, 4023-35	0.9 103
116	Purification of chicken intestinal receptor for 1,25-dihydroxyvitamin D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979 , 76, 5485-9	11.5 102
115	Dynamic changes in circulating 1,25-dihydroxyvitamin D during reproduction in rats. <i>Science</i> , 1979 , 204, 1427-9	33.3 96

114	The role of vitamin D in the FGF23, klotho, and phosphate bone-kidney endocrine axis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2012 , 13, 57-69	10.5	94
113	Elevated serum levels of 1alpha, 25-dihydroxycholecalciferol in lactating rats. <i>Nature</i> , 1977 , 267, 630-2	50.4	94
112	Hypophosphatemic osteomalacia: association with prostatic carcinoma. <i>Annals of Internal Medicine</i> , 1980 , 93, 275-8	8	92
111	Circulating 1alpha,25-dihydroxyvitamin D in the chicken: enhancement by injection of prolactin and during egg laying. <i>Life Sciences</i> , 1976 , 19, 1751-6	6.8	91
110	Calcinogenic factor in Solanum malacoxylon: evidence that it is 1,25-dihydroxyvitamin D3-glycoside. <i>Science</i> , 1976 , 194, 853-5	33.3	91
109	Curcumin: a novel nutritionally derived ligand of the vitamin D receptor with implications for colon cancer chemoprevention. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 1153-61	6.3	89
108	Human vitamin D receptor phosphorylation by casein kinase II at Ser-208 potentiates transcriptional activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 3519-24	11.5	88
107	Evaluation of a role for 1,25-dihydroxyvitamin D3 in the pathogenesis and treatment of X-linked hypophosphatemic rickets and osteomalacia. <i>Journal of Clinical Investigation</i> , 1980 , 66, 1020-32	15.9	88
106	Cloning of a functional vitamin D receptor from the lamprey (<i>Petromyzon marinus</i>), an ancient vertebrate lacking a calcified skeleton and teeth. <i>Endocrinology</i> , 2003 , 144, 2704-16	4.8	86
105	Heterodimeric DNA binding by the vitamin D receptor and retinoid X receptors is enhanced by 1,25-dihydroxyvitamin D3 and inhibited by 9-cis-retinoic acid. Evidence for allosteric receptor interactions. <i>Journal of Biological Chemistry</i> , 1998 , 273, 8483-91	5.4	85
104	The ovary: a target organ for 1,25-dihydroxyvitamin D3. <i>Endocrinology</i> , 1983 , 112, 200-6	4.8	85
103	Avian and mammalian receptors for 1,25-dihydroxyvitamin D3: in vitro translation to characterize size and hormone-dependent regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 354-8	11.5	82
102	An improved radioreceptor assay for 1,25-dihydroxyvitamin D in human plasma. <i>Analytical Biochemistry</i> , 1981 , 116, 211-22	3.1	82
101	Vitamin D receptors from patients with resistance to 1,25-dihydroxyvitamin D3: point mutations confer reduced transactivation in response to ligand and impaired interaction with the retinoid X receptor heterodimeric partner. <i>Molecular Endocrinology</i> , 1996 , 10, 1617-1631		78
100	Biological activity of 1alpha-hydroxycholecalciferol, a synthetic analog of the hormonal form of vitamin D3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1973 , 70, 2248-52	11.5	77
99	Development of hybridomas secreting monoclonal antibodies to the chicken intestinal 1 alpha,25-dihydroxyvitamin D3 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982 , 79, 7719-23	11.5	75
98	Nutritional effectiveness of 1,25-dihydroxycholecalciferol in preventing rickets in chicks. <i>Journal of Nutrition</i> , 1973 , 103, 681-9	4.1	74
97	1,25-Dihydroxyvitamin D3 receptors in rat kidney cytosol. <i>Biochemical and Biophysical Research Communications</i> , 1979 , 90, 1057-63	3.4	73

96	Molecular and functional comparison of 1,25-dihydroxyvitamin D(3) and the novel vitamin D receptor ligand, lithocholic acid, in activating transcription of cytochrome P450 3A4. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 917-43	4.7	71
95	Molecular biology of the vitamin D hormone. <i>Endocrine Reviews</i> , 1988 , 44, 263-305		71
94	Nuclear and cytoplasmic binding components for vitamin D metabolites. <i>Life Sciences</i> , 1975 , 16, 353-62	6.8	70
93	Nuclear and cytoplasmic receptors for 1,25-dihydroxycholecalciferol in intestinal mucosa. <i>Biochemical and Biophysical Research Communications</i> , 1973 , 51, 74-80	3.4	70
92	Evidence for the Biologically Active Form of Cholecalciferol in the Intestine. <i>Journal of Biological Chemistry</i> , 1970 , 245, 1190-1196	5.4	70
91	1Alpha,25-dihydroxyvitamin D3 receptor: competitive binding of vitamin D analogs. <i>Life Sciences</i> , 1973 , 13, 1737-46	6.8	67
90	Mutations in the 1,25-dihydroxyvitamin D3 receptor identifying C-terminal amino acids required for transcriptional activation that are functionally dissociated from hormone binding, heterodimeric DNA binding, and interaction with basal transcription factor IIB, in vitro. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14592-9	5.4	66
89	1,25-dihydroxyvitamin D(3) regulation of fibroblast growth factor-23 expression in bone cells: evidence for primary and secondary mechanisms modulated by leptin and interleukin-6. <i>Calcified Tissue International</i> , 2013 , 92, 339-53	3.9	65
88	Novel nuclear localization signal between the two DNA-binding zinc fingers in the human vitamin D receptor. <i>Journal of Cellular Biochemistry</i> , 1998 , 70, 94-109	4.7	65
87	Calcium metabolism during lactation: enhanced intestinal calcium absorption in vitamin D-deprived, hypocalcemic rats. <i>Endocrinology</i> , 1981 , 109, 900-7	4.8	64
86	1Alpha-hydroxyvitamin D3. An analog of vitamin D which apparently acts by metabolism to 1alpha, 25-dihydroxyvitamin D3. <i>Biochemistry</i> , 1974 , 13, 4097-102	3.2	64
85	Influence of dietary vitamin D3 on the circulating concentration of its active metabolites in the chick and rat. <i>Endocrinology</i> , 1977 , 100, 799-806	4.8	64
84	CYP24A1 and CYP27B1 polymorphisms modulate vitamin D metabolism in colon cancer cells. <i>Cancer Research</i> , 2013 , 73, 2563-73	10.1	58
83	Vitamin D3 induced alteration of microvillar membrane lipid composition. <i>Biochemical and Biophysical Research Communications</i> , 1972 , 46, 80-6	3.4	56
82	Control of mineral homeostasis during lactation: interrelationships of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol. <i>American Journal of Obstetrics and Gynecology</i> , 1981 , 139, 471-6	6.4	55
81	Vitamin D receptor ligands, adenomatous polyposis coli, and the vitamin D receptor FokI polymorphism collectively modulate beta-catenin activity in colon cancer cells. <i>Molecular Carcinogenesis</i> , 2010 , 49, 337-52	5	54
80	The subcellular distribution of physiological doses of vitamin D3. <i>Archives of Biochemistry and Biophysics</i> , 1967 , 118, 145-153	4.1	54
79	The Metabolism of Vitamin D3 in the Chick. <i>Journal of Biological Chemistry</i> , 1972 , 247, 2328-2335	5.4	53

78	1, 25-dihydroxyvitamin D ₃ -glycoside: identification of a calcinogenic principle of Solanum malocoxylon. <i>Life Sciences</i> , 1976 , 18, 1049-56	6.8	50
77	Vitamin D: mode of action and biomedical applications. <i>Nutrition Reviews</i> , 1974 , 32, 257-66	6.4	46
76	Effect of the menstrual cycle on calcium-regulating hormones in the normal young woman. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1980 , 50, 377-9	5.6	44
75	Normocalcemic pseudohypoparathyroidism. Association with normal vitamin D ₃ metabolism. <i>American Journal of Medicine</i> , 1979 , 66, 503-8	2.4	41
74	Optimal vitamin D spurs serotonin: 1,25-dihydroxyvitamin D represses serotonin reuptake transport () and degradation () gene expression in cultured rat serotonergic neuronal cell lines. <i>Genes and Nutrition</i> , 2018 , 13, 19	4.3	40
73	Characterization of unique DNA-binding and transcriptional-activation functions in the carboxyl-terminal extension of the zinc finger region in the human vitamin D receptor. <i>Biochemistry</i> , 1999 , 38, 16347-58	3.2	38
72	Effect of parathyroidectomy on serum 1 alpha,25-dihydroxyvitamin D and intestinal calcium absorption in primary hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1979 , 48, 877-9	5.6	38
71	Presence of 1,25-dihydroxyvitamin D ₃ -glycoside in the calcinogenic plant <i>Cestrum diurnum</i> . <i>Nature</i> , 1977 , 268, 347-9	50.4	38
70	1,25-dihydroxyvitamin D ₃ down-regulation of PHEX gene expression is mediated by apparent repression of a 110 kDa transfactor that binds to a polyadenine element in the promoter. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46406-14	5.4	36
69	Resveratrol potentiates vitamin D and nuclear receptor signaling. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1130-43	4.7	35
68	FGF23 gene regulation by 1,25-dihydroxyvitamin D: opposing effects in adipocytes and osteocytes. <i>Journal of Endocrinology</i> , 2015 , 226, 155-66	4.7	34
67	Biological activity of CD-ring modified 1alpha,25-dihydroxyvitamin D analogues: C-ring and five-membered D-ring analogues. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 237-52	6.3	34
66	Vitamin D receptor phosphorylation in transfected ROS 17/2.8 cells is localized to the N-terminal region of the hormone-binding domain. <i>Molecular Endocrinology</i> , 1991 , 5, 1137-46		34
65	Estrogen binding and estrogenic responses in normal human osteoblast-like cells. <i>Journal of Bone and Mineral Research</i> , 1991 , 6, 531-41	6.3	33
64	Isolation of baculovirus-expressed human vitamin D receptor: DNA responsive element interactions and phosphorylation of the purified receptor. <i>Journal of Cellular Biochemistry</i> , 2002 , 85, 435-57	4.7	33
63	Metabolic effects of diphosphonate in primary hyperparathyroidism. <i>Journal of Clinical Pharmacology</i> , 1977 , 17, 410-9	2.9	33
62	Dietary restriction of calcium, phosphorus, and vitamin D elicits differential regulation of the mRNAs for avian intestinal calbindin-D28k and the 1,25-dihydroxyvitamin D ₃ receptor. <i>Journal of Bone and Mineral Research</i> , 1992 , 7, 441-8	6.3	32
61	The 1,25-dihydroxy-vitamin D ₃ receptor is phosphorylated in response to 1,25-dihydroxy-vitamin D ₃ and 22-oxacalcitriol in rat osteoblasts, and by casein kinase II, in vitro. <i>Biochemistry</i> , 1993 , 32, 8184-92 ^{3,2}		32

60	1Alpha-hydroxyvitamin D3: a synthetic sterol which is highly active in preventing rickets in the chick. <i>Endocrinology</i> , 1974 , 94, 1337-45	4.8	32
59	1,25-Dihydroxyvitamin D and Klotho: A Tale of Two Renal Hormones Coming of Age. <i>Vitamins and Hormones</i> , 2016 , 100, 165-230	2.5	31
58	Molecular action of 1,25-dihydroxyvitamin D3: new cultured cell models. <i>Annals of the New York Academy of Sciences</i> , 1981 , 372, 502-17	6.5	31
57	Selective deficiency of 1,25-dihydroxycholecalciferol. A cause of isolated skeletal resistance to parathyroid hormone. <i>New England Journal of Medicine</i> , 1977 , 297, 1084-90	59.2	30
56	Suppression of ANP gene transcription by liganded vitamin D receptor: involvement of specific receptor domains. <i>Hypertension</i> , 1998 , 31, 1338-42	8.5	29
55	Characterization of the metabolites of vitamin D 3 in the chick. <i>Steroids</i> , 1972 , 20, 639-50	2.8	29
54	Normal vitamin D receptor concentration and responsiveness to 1, 25-dihydroxyvitamin D3 in skin fibroblasts from patients with absorptive hypercalciuria. <i>Mineral and Electrolyte Metabolism</i> , 1998 , 24, 307-13		28
53	Scintillation autoradiographic localization of 1,25-dihydroxyvitamin D3 in chick intestine. <i>Endocrinology</i> , 1979 , 104, 313-21	4.8	28
52	Immunoselection of cDNAs to avian intestinal calcium binding protein 28K and a novel calmodulin-like protein: assessment of mRNA regulation by the vitamin D hormone. <i>Biochemistry</i> , 1987 , 26, 8332-8	3.2	27
51	Molecular modeling, affinity labeling, and site-directed mutagenesis define the key points of interaction between the ligand-binding domain of the vitamin D nuclear receptor and 1 alpha,25-dihydroxyvitamin D3. <i>Biochemistry</i> , 2000 , 39, 12162-71	3.2	26
50	Examination of the Potential Functional Role of Conserved Cysteine Residues in the Hormone Binding Domain of the Human 1,25-Dihydroxyvitamin D3 Receptor. <i>Journal of Biological Chemistry</i> , 1996 , 271, 5143-5149	5.4	26
49	Postpartum resolution of hypocalcemia in a lactating hypoparathyroid patient. <i>Endocrinologia Japonica</i> , 1984 , 31, 227-33		25
48	Metabolites and Analogues of Vitamin D. <i>JAMA - Journal of the American Medical Association</i> , 1982 , 247, 841	27.4	25
47	Partial purification of the chick intestinal receptor for 1,25-dihydroxy vitamin D by ion exchange and blue dextran-Sepharose chromatography. <i>FEBS Letters</i> , 1978 , 86, 65-70	3.8	24
46	Basic studies on the mechanism of action of vitamin D. <i>American Journal of Clinical Nutrition</i> , 1969 , 22, 396-411	7	23
45	Vitamin D receptor displays DNA binding and transactivation as a heterodimer with the retinoid X receptor, but not with the thyroid hormone receptor 1999 , 75, 462-480		22
44	SIRT1 enzymatically potentiates 1,25-dihydroxyvitamin D signaling via vitamin D receptor deacetylation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 172, 117-129	5.1	21
43	Affinity labeling of the 1 alpha,25-dihydroxyvitamin D3 receptor. <i>Journal of Biological Chemistry</i> , 1996 , 271, 2012-7	5.4	21

42	Effect of oral contraceptives on plasma clearance. <i>Clinical Pharmacology and Therapeutics</i> , 1975 , 18, 700-71	21
41	Analysis of hairless corepressor mutants to characterize molecular cooperation with the vitamin D receptor in promoting the mammalian hair cycle. <i>Journal of Cellular Biochemistry</i> , 2010 , 110, 671-86	4.7 20
40	Control of late cornified envelope genes relevant to psoriasis risk: upregulation by 1,25-dihydroxyvitamin D3 and plant-derived delphinidin. <i>Archives of Dermatological Research</i> , 2013 , 305, 867-78	3.3 17
39	Receptor mediated genomic action of the 1,25(OH)2D3 hormone: expression of the human vitamin D receptor in E. coli. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 53, 583-94	5.1 17
38	Nuclear Vitamin D Receptor: Structure-Function, Molecular Control of Gene Transcription, and Novel Bioactions 2005 , 219-261	16
37	Inhibition of ligand induced promoter occupancy in vivo by a dominant negative RXR. <i>Genes To Cells</i> , 1996 , 1, 209-21	2.3 16
36	Retinoic acid-induced differentiation of human neuroblastoma: a cell variant system showing two distinct responses. <i>Pathobiology</i> , 1986 , 54, 287-300	3.6 16
35	1,25-Dihydroxyvitamin D3 enhances the growth of tumors in athymic mice inoculated with receptor rich osteosarcoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 139, 1292-8	3.4 16
34	Use of chick kidney to enzymatically generate radiolabeled 1,25-dihydroxyvitamin D and other vitamin D metabolites. <i>Methods in Enzymology</i> , 1980 , 67, 529-42	1.7 16
33	Two basic amino acids C-terminal of the proximal box specify functional binding of the vitamin D receptor to its rat osteocalcin deoxyribonucleic acid-responsive element. <i>Endocrinology</i> , 2003 , 144, 5065-80	4.8 15
32	Phosphorylation of human vitamin D receptor serine-182 by PKA suppresses 1,25(OH)2D3-dependent transactivation. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 801-9	3.4 15
31	High pressure liquid chromatographic detection of intracellular retinoid binding proteins from cultured cell and tumor cytosols. <i>Biochemical and Biophysical Research Communications</i> , 1983 , 116, 75-81	3.4 15
30	Regulation of late cornified envelope genes relevant to psoriasis risk by plant-derived cyanidin. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 1275-9	3.4 14
29	Identification and quantitation of intracellular retinol and retinoic acid binding proteins in cultured cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1984 , 803, 54-62	4.9 12
28	C-terminal proteolysis of the avian 1,25-dihydroxyvitamin D3 receptor. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 147, 479-85	3.4 11
27	Vitamin D receptor-mediated control of Soggy, Wise, and Hairless gene expression in keratinocytes. <i>Journal of Endocrinology</i> , 2014 , 220, 165-78	4.7 10
26	Nuclear Vitamin D Receptor: Natural Ligands, Molecular Structure, Function, and Transcriptional Control of Vital Genes 2011 , 137-170	10
25	Saturation analysis of cellular retinoid binding proteins: application to retinoic acid resistant human neuroblastoma cells and to human tumors. <i>Biochemistry and Cell Biology</i> , 1987 , 65, 163-72	3.6 10

24	Characteristics and purification of the intestinal receptor for 1,25-dihydroxyvitamin D. <i>Methods in Enzymology</i> , 1980 , 67, 508-22	1.7	9
23	Bioactive Dietary VDR Ligands Regulate Genes Encoding Biomarkers of Skin Repair That Are Associated with Risk for Psoriasis. <i>Nutrients</i> , 2018 , 10,	6.7	8
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