

# Daniel Bikle

## List of Publications by Citations

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174  
papers

11,612  
citations

60  
h-index

104  
g-index

213  
ext. papers

13,259  
ext. citations

4.9  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
174	Vitamin D metabolism, mechanism of action, and clinical applications. <i>Chemistry and Biology</i> , <b>2014</b> , 21, 319-29		793
173	Nonclassic actions of vitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 26-34	5.6	615
172	The nonskeletal effects of vitamin D: an Endocrine Society scientific statement. <i>Endocrine Reviews</i> , <b>2012</b> , 33, 456-92	27.2	500
171	Injury enhances TLR2 function and antimicrobial peptide expression through a vitamin D-dependent mechanism. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 803-11	15.9	494
170	Assessment of the free fraction of 25-hydroxyvitamin D in serum and its regulation by albumin and the vitamin D-binding protein. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1986</b> , 63, 954-9	5.6	446
169	Skeletal and Extraskeletal Actions of Vitamin D: Current Evidence and Outstanding Questions. <i>Endocrine Reviews</i> , <b>2019</b> , 40, 1109-1151	27.2	304
168	Cloning of human 25-hydroxyvitamin D-1 alpha-hydroxylase and mutations causing vitamin D-dependent rickets type 1. <i>Molecular Endocrinology</i> , <b>1997</b> , 11, 1961-70		291
167	Calcium regulation of growth and differentiation of normal human keratinocytes: modulation of differentiation competence by stages of growth and extracellular calcium. <i>Journal of Cellular Physiology</i> , <b>1990</b> , 143, 294-302	7	216
166	Vitamin D, calcium, and epidermal differentiation. <i>Endocrine Reviews</i> , <b>1993</b> , 14, 3-19	27.2	194
165	Neonatal human foreskin keratinocytes produce 1,25-dihydroxyvitamin D3. <i>Biochemistry</i> , <b>1986</b> , 25, 1545-8	3.2	186
164	The response of bone to unloading. <i>Journal of Bone and Mineral Metabolism</i> , <b>1999</b> , 17, 233-44	2.9	178
163	Biochemical and morphological characterization of growth and differentiation of normal human neonatal keratinocytes in a serum-free medium. <i>Journal of Cellular Physiology</i> , <b>1988</b> , 134, 229-37	7	152
162	Calcium regulation of keratinocyte differentiation. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2012</b> , 7, 461-472	4.1	145
161	MECHANISMS IN ENDOCRINOLOGY: Vitamin D and COVID-19. <i>European Journal of Endocrinology</i> , <b>2020</b> , 183, R133-R147	6.5	143
160	Vitamin D metabolism and function in the skin. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 347, 80-9	4.4	142
159	Vitamin D and bone. <i>Current Osteoporosis Reports</i> , <b>2012</b> , 10, 151-9	5.4	138
158	Role of IGF-I signaling in regulating osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 1350-8	6.3	135

157	Lack of the vitamin D receptor is associated with reduced epidermal differentiation and hair follicle growth. <i>Journal of Investigative Dermatology</i> , <b>2002</b> , 118, 11-6	4.3	134
156	Role of intracellular-free calcium in the cornified envelope formation of keratinocytes: differences in the mode of action of extracellular calcium and 1,25 dihydroxyvitamin D3. <i>Journal of Cellular Physiology</i> , <b>1991</b> , 146, 94-100	7	127
155	Histone acetylation in keratinocytes enables control of the expression of cathelicidin and CD14 by 1,25-dihydroxyvitamin D3. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 816-24	4.3	124
154	25 Hydroxyvitamin D 1 alpha-hydroxylase is required for optimal epidermal differentiation and permeability barrier homeostasis. <i>Journal of Investigative Dermatology</i> , <b>2004</b> , 122, 984-92	4.3	121
153	Vitamin D and the immune system: role in protection against bacterial infection. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2008</b> , 17, 348-52	3.5	120
152	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> , <b>2018</b> , 84, 2194-2207	3.8	120
151	Vitamin D regulated keratinocyte differentiation. <i>Journal of Cellular Biochemistry</i> , <b>2004</b> , 92, 436-44	4.7	119
150	IGF-I receptor is required for the anabolic actions of parathyroid hormone on bone. <i>Journal of Bone and Mineral Research</i> , <b>2007</b> , 22, 1329-37	6.3	114
149	Free, and not total, 1,25-dihydroxyvitamin D regulates 25-hydroxyvitamin D metabolism by keratinocytes. <i>Endocrinology</i> , <b>1989</b> , 124, 649-54	4.8	114
148	Vitamin D and the skin: Physiology and pathophysiology. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2012</b> , 13, 3-19	10.5	113
147	Vitamin D: newly discovered actions require reconsideration of physiologic requirements. <i>Trends in Endocrinology and Metabolism</i> , <b>2010</b> , 21, 375-84	8.8	113
146	Vitamin D: an ancient hormone. <i>Experimental Dermatology</i> , <b>2011</b> , 20, 7-13	4	112
145	The extracellular calcium-sensing receptor is required for calcium-induced differentiation in human keratinocytes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 41079-85	5.4	112
144	Vitamin D and immune function: understanding common pathways. <i>Current Osteoporosis Reports</i> , <b>2009</b> , 7, 58-63	5.4	101
143	Vitamin D metabolites in captivity? Should we measure free or total 25(OH)D to assess vitamin D status?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 173, 105-116	5.1	97
142	Inactivation of the calcium sensing receptor inhibits E-cadherin-mediated cell-cell adhesion and calcium-induced differentiation in human epidermal keratinocytes. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 3519-3528	5.4	96
141	The role of the calcium-sensing receptor in epidermal differentiation. <i>Cell Calcium</i> , <b>2004</b> , 35, 265-73	4	93
140	1,25-Dihydroxyvitamin D3 potentiates the keratinocyte response to calcium.. <i>Journal of Biological Chemistry</i> , <b>1994</b> , 269, 14723-14729	5.4	93

139	Independence of 1,25-dihydroxyvitamin D <sub>3</sub> -mediated calcium transport from de novo RNA and protein synthesis.. <i>Journal of Biological Chemistry</i> , <b>1978</b> , 253, 484-488	5.4	92
138	Calcium and 1,25(OH) <sub>2</sub> D: interacting drivers of epidermal differentiation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2004</b> , 89-90, 355-60	5.1	88
137	Extraskeletal actions of vitamin D. <i>Annals of the New York Academy of Sciences</i> , <b>2016</b> , 1376, 29-52	6.5	87
136	The recruitment of phosphatidylinositol 3-kinase to the E-cadherin-catenin complex at the plasma membrane is required for calcium-induced phospholipase C-gamma1 activation and human keratinocyte differentiation. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 8695-703	5.4	87
135	IGF-1R signaling in chondrocytes modulates growth plate development by interacting with the PTHrP/Ihh pathway. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1437-46	6.3	82
134	Calcium-induced human keratinocyte differentiation requires src- and fyn-mediated phosphatidylinositol 3-kinase-dependent activation of phospholipase C-gamma1. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 3236-46	3.5	81
133	Vitamin D regulation of immune function. <i>Vitamins and Hormones</i> , <b>2011</b> , 86, 1-21	2.5	80
132	Vitamin D receptor and coactivators SRC2 and 3 regulate epidermis-specific sphingolipid production and permeability barrier formation. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 1367-78 <sup>43</sup>		79
131	New aspects of vitamin D metabolism and action - addressing the skin as source and target. <i>Nature Reviews Endocrinology</i> , <b>2020</b> , 16, 234-252	15.2	76
130	Two distinct coactivators, DRIP/mediator and SRC/p160, are differentially involved in vitamin D receptor transactivation during keratinocyte differentiation. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 2329-39		75
129	Current Controversies: Are Free Vitamin Metabolite Levels a More Accurate Assessment of Vitamin D Status than Total Levels?. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2017</b> , 46, 901-918	5.5	73
128	Regulation of 1,25-dihydroxyvitamin D production in human keratinocytes by interferon-gamma. <i>Endocrinology</i> , <b>1989</b> , 124, 655-60	4.8	72
127	Overexpression of hedgehog signaling is associated with epidermal tumor formation in vitamin D receptor-null mice. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 2289-97	4.3	71
126	Phospholipase cgamma1 is required for activation of store-operated channels in human keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 124, 187-97	4.3	71
125	Development and progression of alopecia in the vitamin D receptor null mouse. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 207, 340-53	7	69
124	LncRNA profiling reveals new mechanism for VDR protection against skin cancer formation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 144 Pt A, 87-90	5.1	66
123	Hairless suppresses vitamin D receptor transactivation in human keratinocytes. <i>Endocrinology</i> , <b>2006</b> , 147, 314-23	4.8	66
122	Phospholipase C-gamma1 is required for calcium-induced keratinocyte differentiation. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 20421-4	5.4	65

121	Regulation of human epidermal keratinocyte differentiation by the vitamin D receptor and its coactivators DRIP205, SRC2, and SRC3. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 874-80	4.3	64
120	Ablation of the calcium-sensing receptor in keratinocytes impairs epidermal differentiation and barrier function. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2350-2359	4.3	63
119	Alcohol-induced bone disease: relationship to age and parathyroid hormone levels. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1993</b> , 17, 690-5	3.7	63
118	The role of the calcium sensing receptor in regulating intracellular calcium handling in human epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 1074-83	4.3	62
117	Tumor necrosis factor-alpha regulation of 1,25-dihydroxyvitamin D production by human keratinocytes. <i>Endocrinology</i> , <b>1991</b> , 129, 33-8	4.8	61
116	Vitamin D and the skin. <i>Journal of Bone and Mineral Metabolism</i> , <b>2010</b> , 28, 117-30	2.9	60
115	Cloning of the human phospholipase C-gamma1 promoter and identification of a DR6-type vitamin D-responsive element. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 6573-7	5.4	60
114	What is new in vitamin D: 2006-2007. <i>Current Opinion in Rheumatology</i> , <b>2007</b> , 19, 383-8	5.3	60
113	Epidermal expression of the full-length extracellular calcium-sensing receptor is required for normal keratinocyte differentiation. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 192, 45-54	7	60
112	The mechanism of 1,25-dihydroxyvitamin D(3) autoregulation in keratinocytes. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 36987-90	5.4	59
111	Determination of Free 25(OH)D Concentrations and Their Relationships to Total 25(OH)D in Multiple Clinical Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3278-3288	5.6	55
110	Association of prediagnostic serum vitamin D levels with the development of basal cell carcinoma. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 1438-43	4.3	53
109	Quantification of the vitamin D receptor-coregulator interaction. <i>Biochemistry</i> , <b>2009</b> , 48, 1454-61	3.2	53
108	Vitamin D insufficiency/deficiency in gastrointestinal disorders. <i>Journal of Bone and Mineral Research</i> , <b>2007</b> , 22 Suppl 2, V50-4	6.3	53
107	Alendronate increases skeletal mass of growing rats during unloading by inhibiting resorption of calcified cartilage. <i>Journal of Bone and Mineral Research</i> , <b>1994</b> , 9, 1777-87	6.3	52
106	LncRNA: a new player in 1,25(OH) <sub>2</sub> vitamin D(3) /VDR protection against skin cancer formation. <i>Experimental Dermatology</i> , <b>2014</b> , 23, 147-50	4	51
105	Phosphatidylinositol-4-phosphate 5-kinase 1alpha mediates extracellular calcium-induced keratinocyte differentiation. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 1695-704	3.5	51
104	Physiologic and pathophysiologic roles of extra renal CYP27b1: Case report and review. <i>Bone Reports</i> , <b>2018</b> , 8, 255-267	2.6	50

103	Variability in free 25(OH) vitamin D levels in clinical populations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 144 Pt A, 156-8	5.1	46
102	Endoplasmic reticulum Ca <sup>2+</sup> depletion activates XBP1 and controls terminal differentiation in keratinocytes and epidermis. <i>British Journal of Dermatology</i> , <b>2011</b> , 164, 16-25	4	46
101	Squamous carcinoma cell lines produce 1,25 dihydroxyvitamin D, but fail to respond to its prodifferentiating effect. <i>Journal of Investigative Dermatology</i> , <b>1991</b> , 97, 435-41	4.3	45
100	Vitamin D and calcium regulation of epidermal wound healing. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 164, 379-385	5.1	44
99	Novel mechanisms for the vitamin D receptor (VDR) in the skin and in skin cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 148, 47-51	5.1	43
98	The calcium-sensing receptor-dependent regulation of cell-cell adhesion and keratinocyte differentiation requires Rho and filamin A. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 1119-28	4.3	42
97	Ephrin B2/EphB4 mediates the actions of IGF-I signaling in regulating endochondral bone formation. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1900-13	6.3	41
96	1,25(OH) <sub>2</sub> -dihydroxyvitamin D <sub>3</sub> /VDR protects the skin from UVB-induced tumor formation by interacting with the Eatenin pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 136, 229-32	5.1	40
95	Osteoblast-Specific Loss of IGF1R Signaling Results in Impaired Endochondral Bone Formation During Fracture Healing. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1572-84	6.3	40
94	Discovery of the first irreversible small molecule inhibitors of the interaction between the vitamin D receptor and coactivators. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 4640-51	8.3	40
93	Autocrine and Paracrine Actions of IGF-I Signaling in Skeletal Development. <i>Bone Research</i> , <b>2013</b> , 1, 249-53	5.3	40
92	Extra Renal Synthesis of 1,25-dihydroxyvitamin D and its Health Implications. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , <b>2009</b> , 7, 114-125	2.5	40
91	Disruption of the hedgehog signaling pathway contributes to the hair follicle cycling deficiency in Vdr knockout mice. <i>Journal of Cellular Physiology</i> , <b>2010</b> , 225, 482-9	7	40
90	PTH/PTHrP and vitamin D control antimicrobial peptide expression and susceptibility to bacterial skin infection. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 135ra66	17.5	39
89	Differential role of two VDR coactivators, DRIP205 and SRC-3, in keratinocyte proliferation and differentiation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2007</b> , 103, 776-80	5.1	39
88	Vitamin D and skin cancer. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 3472S-3478S	4.1	39
87	1,25 dihydroxyvitamin D <sub>3</sub> enhances the calcium response of keratinocytes. <i>Journal of Cellular Physiology</i> , <b>1999</b> , 178, 188-96	7	38
86	Evidence That Loss-of-Function Gene Mutations Evolved in Northern Europeans to Favor Intracutaneous Vitamin D <sub>3</sub> Production. <i>Evolutionary Biology</i> , <b>2014</b> , 41, 388-396	3	37

85	Vitamin D in cutaneous carcinogenesis: part I. <i>Journal of the American Academy of Dermatology</i> , <b>2012</b> , 67, 803.e1-12, quiz 815-6	4.5	37
84	Vitamin D receptor, UVR, and skin cancer: a potential protective mechanism. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 2357-61	4.3	37
83	Calmodulin may mediate 1,25-dihydroxyvitamin D-stimulated intestinal calcium transport. <i>FEBS Letters</i> , <b>1984</b> , 174, 30-3	3.8	37
82	Lanthanum influx into cultured human keratinocytes: effect on calcium flux and terminal differentiation. <i>Journal of Cellular Physiology</i> , <b>1992</b> , 151, 623-9	7	36
81	Maternal Hypercalcemia Due to Failure of 1,25-Dihydroxyvitamin-D3 Catabolism in a Patient With CYP24A1 Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2832-6	5.6	35
80	Vitamin D and skin cancer: a problem in gene regulation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2005</b> , 97, 83-91	5.1	35
79	Vitamin D Metabolism Revised: Fall of Dogmas. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1985-1992	6.3	34
78	Squamous carcinoma cell lines fail to respond to 1,25-Dihydroxyvitamin D despite normal levels of the vitamin D receptor. <i>Journal of Investigative Dermatology</i> , <b>1996</b> , 106, 522-5	4.3	34
77	IGF-1 signaling mediated cell-specific skeletal mechano-transduction. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 576-583	3.8	33
76	Coactivator MED1 ablation in keratinocytes results in hair-cycling defects and epidermal alterations. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 1075-83	4.3	33
75	Protective actions of vitamin D in UVB induced skin cancer. <i>Photochemical and Photobiological Sciences</i> , <b>2012</b> , 11, 1808-16	4.2	33
74	Calcium flux across chick duodenal brush border membrane vesicles: regulation by 1,25-dihydroxyvitamin D. <i>Endocrinology</i> , <b>1983</b> , 113, 2072-80	4.8	33
73	Disruption of Vitamin D and Calcium Signaling in Keratinocytes Predisposes to Skin Cancer. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 296	4.6	33
72	Total 25(OH) vitamin D, free 25(OH) vitamin D and markers of bone turnover in cirrhotics with and without synthetic dysfunction. <i>Liver International</i> , <b>2015</b> , 35, 2294-300	7.9	32
71	Protective role of vitamin D signaling in skin cancer formation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 136, 271-9	5.1	32
70	Vitamin D receptor mediates DNA repair and is UV inducible in intact epidermis but not in cultured keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2097-100	4.3	32
69	Response of Vitamin D Concentration to Vitamin D3 Administration in Older Adults without Sun Exposure: A Randomized Double-Blind Trial. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 65-72	5.6	32
68	New developments in our understanding of vitamin metabolism, action and treatment. <i>Metabolism: Clinical and Experimental</i> , <b>2019</b> , 98, 112-120	12.7	31



67	Vitamin D and cancer: the promise not yet fulfilled. <i>Endocrine</i> , <b>2014</b> , 46, 29-38	4	31
66	Regional responsiveness of the tibia to intermittent administration of parathyroid hormone as affected by skeletal unloading. <i>Journal of Bone and Mineral Research</i> , <b>1997</b> , 12, 1068-74	6.3	31
65	Vitamin D Receptor Is Required for Proliferation, Migration, and Differentiation of Epidermal Stem Cells and Progeny during Cutaneous Wound Repair. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 2423-2431 <sup>30</sup>	4.3	30
64	Vitamin D: Newer Concepts of Its Metabolism and Function at the Basic and Clinical Level. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvz038	0.4	29
63	Uncoupling of the calcium-sensing mechanism and differentiation in squamous carcinoma cell lines. <i>Experimental Cell Research</i> , <b>1991</b> , 192, 567-73	4.2	29
62	Reciprocal role of vitamin D receptor on $\beta$ -catenin regulated keratinocyte proliferation and differentiation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 144 Pt A, 237-41	5.1	27
61	The transcriptional coactivator DRIP/mediator complex is involved in vitamin D receptor function and regulates keratinocyte proliferation and differentiation. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 2377-88	4.3	26
60	Localization and quantitation of calcium pools and calcium binding sites in cultured human keratinocytes. <i>Journal of Cellular Physiology</i> , <b>1993</b> , 154, 101-12	7	26
59	Vitamin D receptor, a tumor suppressor in skin. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2015</b> , 93, 349-54	2.4	24
58	IGF-I Signaling in Osterix-Expressing Cells Regulates Secondary Ossification Center Formation, Growth Plate Maturation, and Metaphyseal Formation During Postnatal Bone Development. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 2239-48	6.3	24
57	All-trans retinoic acid blocks the antiproliferative prodifferentiating actions of 1,25-dihydroxyvitamin D3 in normal human keratinocytes. <i>Journal of Cellular Physiology</i> , <b>1998</b> , 174, 1-8	7	24
56	Inhibition of 1,25-dihydroxyvitamin-D-induced keratinocyte differentiation by blocking the expression of phospholipase C-gamma1. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 117, 1250-4	4.3	24
55	Regulation of Ligand and Shear Stress-induced Insulin-like Growth Factor 1 (IGF1) Signaling by the Integrin Pathway. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 8140-9	5.4	23
54	Gender differences in the response of CD-1 mouse bone to parathyroid hormone: potential role of IGF-I. <i>Journal of Endocrinology</i> , <b>2006</b> , 189, 279-87	4.7	22
53	Insulin like growth factor-I: a critical mediator of the skeletal response to parathyroid hormone. <i>Current Molecular Pharmacology</i> , <b>2012</b> , 5, 135-42	3.7	22
52	Selective Hyaluronan-CD44 Signaling Promotes miRNA-21 Expression and Interacts with Vitamin D Function during Cutaneous Squamous Cell Carcinomas Progression Following UV Irradiation. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 224	8.4	21
51	Combined Deletion of the Vitamin D Receptor and Calcium-Sensing Receptor Delays Wound Re-epithelialization. <i>Endocrinology</i> , <b>2017</b> , 158, 1929-1938	4.8	20
50	Differential regulation of epidermal function by VDR coactivators. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2010</b> , 121, 308-13	5.1	20



49	Current Assays to Determine Free 25-Hydroxyvitamin D in Serum. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1323-1327	1.7	19
48	Ablation of coactivator Med1 switches the cell fate of dental epithelia to that generating hair. <i>PLoS ONE</i> , <b>2014</b> , 9, e99991	3.7	19
47	The villus gradient of brush border membrane calmodulin and the calcium-independent calmodulin-binding protein parallels that of calcium-accumulating ability. <i>Endocrinology</i> , <b>1986</b> , 118, 727-732	4.8	18
46	Chapter 28. Vitamin D: Production, Metabolism, Mechanism of Action, and Clinical Requirements	141-149	16
45	The Transient Role for Calcium and Vitamin D during the Developmental Hair Follicle Cycle. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 1337-1345	4.3	14
44	The protective role of vitamin d signaling in non-melanoma skin cancer. <i>Cancers</i> , <b>2013</b> , 5, 1426-38	6.6	14
43	The Free Hormone Hypothesis: When, Why, and How to Measure the Free Hormone Levels to Assess Vitamin D, Thyroid, Sex Hormone, and Cortisol Status. <i>JBMR Plus</i> , <b>2021</b> , 5, e10418	3.9	14
42	Squamous cell carcinomas fail to respond to the prodifferentiating actions of 1,25(OH)2D: why?. <i>Recent Results in Cancer Research</i> , <b>2003</b> , 164, 111-22	1.5	13
41	The vitamin D receptor: a tumor suppressor in skin. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 810, 282-302	3.6	11
40	Vitamin D Assays. <i>Frontiers of Hormone Research</i> , <b>2018</b> , 50, 14-30	3.5	10
39	Synthesis and evaluation of vitamin D receptor-mediated activities of cholesterol and vitamin D metabolites. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 109, 238-46	6.8	10
38	Gender-Specific Differences in the Skeletal Response to Continuous PTH in Mice Lacking the IGF1 Receptor in Mature Osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1064-76	6.3	10
37	A Case of Hypercalcemia and Overexpression of CYP27B1 in Skeletal Muscle Lesions in a Patient with HIV Infection After Cosmetic Injections with Polymethylmethacrylate (PMMA) for Wasting. <i>Calcified Tissue International</i> , <b>2015</b> , 97, 634-9	3.9	9
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1	Deletion of Mediator 1 suppresses TGF $\beta$ signaling leading to changes in epidermal lineages and regeneration <b>2020</b> , 15, e0238076		