Daniel Bikle

List of Publications by Year
in descending order

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178	15,160	15504 65	19190 118
papers	citations	h-index	g-index

213	213	213	13963
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin D Metabolism, Mechanism of Action, and Clinical Applications. Chemistry and Biology, 2014, 21, 319-329.	6.0	1,221
2	Nonclassic Actions of Vitamin D. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 26-34.	3.6	773
3	The Nonskeletal Effects of Vitamin D: An Endocrine Society Scientific Statement. Endocrine Reviews, 2012, 33, 456-492.	20.1	611
4	Skeletal and Extraskeletal Actions of Vitamin D: Current Evidence and Outstanding Questions. Endocrine Reviews, 2019, 40, 1109-1151.	20.1	611
5	Injury enhances TLR2 function and antimicrobial peptide expression through a vitamin Dâ€“dependent mechanism. Journal of Clinical Investigation, 2007, 117, 803-811.	8.2	576
6	Assessment of the Free Fraction of 25-Hydroxyvitamin D in Serum and Its Regulation by Albumin and the Vitamin D-Binding Protein *. Journal of Clinical Endocrinology and Metabolism, 1986, 63, 954-959.	3.6	527
7	Cloning of Human 25-Hydroxyvitamin D-1Î±-Hydroxylase and Mutations Causing Vitamin D-Dependent Rickets Type 1. Molecular Endocrinology, 1997, 11, 1961-1970.	3.7	325
8	MECHANISMS IN ENDOCRINOLOGY: Vitamin D and COVID-19. European Journal of Endocrinology, 2020, 183, R133-R147.	3.7	259
9	Calcium regulation of keratinocyte differentiation. Expert Review of Endocrinology and Metabolism, 2012, 7, 461-472.	2.4	245
10	Vitamin D, Calcium, and Epidermal Differentiation*. Endocrine Reviews, 1993, 14, 3-19.	20.1	237
11	Calcium regulation of growth and differentiation of normal human keratinocytes: Modulation of differentiation competence by stages of growth and extracellular calcium. Journal of Cellular Physiology, 1990, 143, 294-302.	4.1	229
12	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
13	The response of bone to unloading. Journal of Bone and Mineral Metabolism, 1999, 17, 233-244.	2.7	207
14	Neonatal human foreskin keratinocytes produce 1,25-dihydroxyvitamin D3. Biochemistry, 1986, 25, 1545-1548.	2.5	206
15	Vitamin D and Bone. Current Osteoporosis Reports, 2012, 10, 151-159.	3.6	192
16	New aspects of vitamin D metabolism and action â€” addressing the skin as source and target. Nature Reviews Endocrinology, 2020, 16, 234-252.	9.6	181
17	Vitamin D metabolism and function in the skin. Molecular and Cellular Endocrinology, 2011, 347, 80-89.	3.2	180
18	Lack of the Vitamin D Receptor is Associated with Reduced Epidermal Differentiation and Hair Follicle Growth. Journal of Investigative Dermatology, 2002, 118, 11-16.	0.7	167

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19	Biochemical and morphological characterization of growth and differentiation of normal human neonatal keratinocytes in a serum-free medium. Journal of Cellular Physiology, 1988, 134, 229-237.	4.1	165
20	Vitamin D and the skin: Physiology and pathophysiology. Reviews in Endocrine and Metabolic Disorders, 2012, 13, 3-19.	5.7	162
21	Role of IGF-I Signaling in Regulating Osteoclastogenesis. Journal of Bone and Mineral Research, 2006, 21, 1350-1358.	2.8	158
22	Vitamin D and the immune system: role in protection against bacterial infection. Current Opinion in Nephrology and Hypertension, 2008, 17, 348-352.	2.0	150
23	Vitamin D: an ancient hormone. Experimental Dermatology, 2011, 20, 7-13.	2.9	140
24	Vitamin D regulated keratinocyte differentiation. Journal of Cellular Biochemistry, 2004, 92, 436-444.	2.6	138
25	Histone Acetylation in Keratinocytes Enables Control of the Expression of Cathelicidin and CD14 by 1,25-Dihydroxyvitamin D3. Journal of Investigative Dermatology, 2008, 128, 816-824.	0.7	137
26	Vitamin D: newly discovered actions require reconsideration of physiologic requirements. Trends in Endocrinology and Metabolism, 2010, 21, 375-384.	7.1	135
27	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. Journal of Cellular Physiology, 1991, 146, 94-100.	4.1	134
28	25 Hydroxyvitamin D 1 Î±-Hydroxylase Is Required for Optimal Epidermal Differentiation and Permeability Barrier Homeostasis. Journal of Investigative Dermatology, 2004, 122, 984-992.	0.7	133
29	Independence of 1,25-dihydroxyvitamin D3-mediated calcium transport from de novo RNA and protein synthesis.. Journal of Biological Chemistry, 1978, 253, 484-488.	3.4	133
30	Free, and Not Total, 1,25-Dihydroxyvitamin D Regulates 25-Hydroxyvitamin D Metabolism by Keratinocytes. Endocrinology, 1989, 124, 649-654.	2.8	132
31	The Extracellular Calcium-sensing Receptor Is Required for Calcium-induced Differentiation in Human Keratinocytes. Journal of Biological Chemistry, 2001, 276, 41079-41085.	3.4	130
32	IGF-I Receptor Is Required for the Anabolic Actions of Parathyroid Hormone on Bone. Journal of Bone and Mineral Research, 2007, 22, 1329-1337.	2.8	130
33	Extraskeletal actions of vitamin D. Annals of the New York Academy of Sciences, 2016, 1376, 29-52.	3.8	127
34	Vitamin D metabolites in captivity? Should we measure free or total 25(OH)D to assess vitamin D status?. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 105-116.	2.5	125
35	Vitamin D and immune function: Understanding common pathways. Current Osteoporosis Reports, 2009, 7, 58-63.	3.6	122
36	Vitamin D Regulation of Immune Function. Vitamins and Hormones, 2011, 86, 1-21.	1.7	110

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37	The role of the calcium-sensing receptor in epidermal differentiation. Cell Calcium, 2004, 35, 265-273.	2.4	109
38	Inactivation of the Calcium Sensing Receptor Inhibits E-cadherin-mediated Cell-Cell Adhesion and Calcium-induced Differentiation in Human Epidermal Keratinocytes. Journal of Biological Chemistry, 2008, 283, 3519-3528.	3.4	109
39	1,25-Dihydroxyvitamin D3 potentiates the keratinocyte response to calcium.. Journal of Biological Chemistry, 1994, 269, 14723-14729.	3.4	107
40	IGF-1R signaling in chondrocytes modulates growth plate development by interacting with the PTHrP/Ihh pathway. Journal of Bone and Mineral Research, 2011, 26, 1437-1446.	2.8	105
41	Current Controversies. Endocrinology and Metabolism Clinics of North America, 2017, 46, 901-918.	3.2	105
42	Calcium and 1,25(OH)2D: interacting drivers of epidermal differentiation. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 355-360.	2.5	103
43	Vitamin D Receptor and Coactivators SRC2 and 3 Regulate Epidermis-Specific Sphingolipid Production and Permeability Barrier Formation. Journal of Investigative Dermatology, 2009, 129, 1367-1378.	0.7	98
44	The Recruitment of Phosphatidylinositol 3-Kinase to the E-cadherin-Catenin Complex at the Plasma Membrane Is Required for Calcium-induced Phospholipase C-Î³1 Activation and Human Keratinocyte Differentiation. Journal of Biological Chemistry, 2007, 282, 8695-8703.	3.4	97
45	Editorial: Vitamin D Binding Protein, Total and Free Vitamin D Levels in Different Physiological and Pathophysiological Conditions. Frontiers in Endocrinology, 2020, 11, 40.	3.5	93
46	Overexpression of Hedgehog Signaling Is Associated with Epidermal Tumor Formation in Vitamin D Receptorâ€“Null Mice. Journal of Investigative Dermatology, 2011, 131, 2289-2297.	0.7	91
47	Calcium-induced Human Keratinocyte Differentiation Requires src- and fyn-mediated Phosphatidylinositol 3-Kinaseâ€“dependent Activation of Phospholipase C-Î³1. Molecular Biology of the Cell, 2005, 16, 3236-3246.	2.1	90
48	Two Distinct Coactivators, DRIP/Mediator and SRC/p160, Are Differentially Involved in Vitamin D Receptor Transactivation during Keratinocyte Differentiation. Molecular Endocrinology, 2003, 17, 2329-2339.	3.7	82
49	Phospholipase CÎ³1 Is Required for Activation of Store-Operated Channels in Human Keratinocytes. Journal of Investigative Dermatology, 2005, 124, 187-197.	0.7	81
50	Regulation of 1,25-Dihydroxyvitamin D Production in Human Keratinocytes by Interferon-Î³*. Endocrinology, 1989, 124, 655-660.	2.8	79
51	Development and progression of alopecia in the vitamin D receptor null mouse. Journal of Cellular Physiology, 2006, 207, 340-353.	4.1	79
52	Vitamin D: Newer Concepts of Its Metabolism and Function at the Basic and Clinical Level. Journal of the Endocrine Society, 2020, 4, bvz038.	0.2	77
53	Regulation of Human Epidermal Keratinocyte Differentiation by the Vitamin D Receptor and its Coactivators DRIP205, SRC2, and SRC3. Journal of Investigative Dermatology, 2007, 127, 874-880.	0.7	76
54	Hairless Suppresses Vitamin D Receptor Transactivation in Human Keratinocytes. Endocrinology, 2006, 147, 314-323.	2.8	75

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55	The Role of the Calcium Sensing Receptor in Regulating Intracellular Calcium Handling in Human Epidermal Keratinocytes. Journal of Investigative Dermatology, 2007, 127, 1074-1083.	0.7	74
56	Determination of Free 25(OH)D Concentrations and Their Relationships to Total 25(OH)D in Multiple Clinical Populations. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3278-3288.	3.6	74
57	Ablation of the Calcium-Sensing Receptor in Keratinocytes Impairs Epidermal Differentiation and Barrier Function. Journal of Investigative Dermatology, 2012, 132, 2350-2359.	0.7	73
58	LncRNA profiling reveals new mechanism for VDR protection against skin cancer formation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 87-90.	2.5	73
59	Alcohol-Induced Bone Disease: Relationship to Age and Parathyroid Hormone Levels. Alcoholism: Clinical and Experimental Research, 1993, 17, 690-695.	2.4	72
60	Vitamin D and the skin. Journal of Bone and Mineral Metabolism, 2010, 28, 117-130.	2.7	72
61	Physiologic and pathophysiologic roles of extra renal CYP27b1: Case report and review. Bone Reports, 2018, 8, 255-267.	0.4	72
62	What is new in vitamin D: 2006â€“2007. Current Opinion in Rheumatology, 2007, 19, 383-388.	4.3	71
63	Phospholipase C-Î³1 Is Required for Calcium-induced Keratinocyte Differentiation. Journal of Biological Chemistry, 1999, 274, 20421-20424.	3.4	69
64	Tumor Necrosis Factor-Î± Regulation of 1,25-Dihydroxy vitamin D Production by Human Keratinocytes*. Endocrinology, 1991, 129, 33-38.	2.8	68
65	Association of Prediagnostic Serum Vitamin D Levels with the Development of Basal Cell Carcinoma. Journal of Investigative Dermatology, 2010, 130, 1438-1443.	0.7	68
66	Lnc<scp>RNA</scp>: a new player in 1Î±, 25(<scp>OH</scp>)₂ vitamin D₃/<scp>VDR</scp> protection against skin cancer formation. Experimental Dermatology, 2014, 23, 147-150.	2.9	67
67	Vitamin D Metabolism Revised: Fall of Dogmas. Journal of Bone and Mineral Research, 2019, 34, 1985-1992.	2.8	66
68	New developments in our understanding of vitamin D metabolism, action and treatment. Metabolism: Clinical and Experimental, 2019, 98, 112-120.	3.4	66
69	Cloning of the Human Phospholipase C-Î³1 Promoter and Identification of a DR6-type Vitamin D-responsive Element. Journal of Biological Chemistry, 1997, 272, 6573-6577.	3.4	65
70	The Mechanism of 1,25-Dihydroxyvitamin D3Autoregulation in Keratinocytes. Journal of Biological Chemistry, 2002, 277, 36987-36990.	3.4	65
71	Epidermal expression of the full-length extracellular calcium-sensing receptor is required for normal keratinocyte differentiation. Journal of Cellular Physiology, 2002, 192, 45-54.	4.1	65
72	Alendronate increases skeletal mass of growing rats during unloading by inhibiting resorption of calcified cartilage. Journal of Bone and Mineral Research, 1994, 9, 1777-1787.	2.8	63

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73	Quantification of the Vitamin D Receptorâ"Coregulator Interaction. Biochemistry, 2009, 48, 1454-1461.	2.5	62
74	Vitamin D and calcium regulation of epidermal wound healing. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 379-385.	2.5	62
75	Vitamin D Insufficiency/Deficiency in Gastrointestinal Disorders. Journal of Bone and Mineral Research, 2007, 22, V50-V54.	2.8	59
76	Endoplasmic reticulum Ca2+ depletion activates XBP1 and controls terminal differentiation in keratinocytes and epidermis. British Journal of Dermatology, 2011, 164, 16-25.	1.5	57
77	Novel mechanisms for the vitamin D receptor (VDR) in the skin and in skin cancer. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 47-51.	2.5	56
78	Phosphatidylinositol-4-phosphate 5-kinase 1Î± Mediates Extracellular Calcium-induced Keratinocyte Differentiation. Molecular Biology of the Cell, 2009, 20, 1695-1704.	2.1	55
79	Extra Renal Synthesis of 1,25-dihydroxyvitamin D and its Health Implications. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 114-125.	0.8	53
80	Disruption of the hedgehog signaling pathway contributes to the hair follicle cycling deficiency in Vdr knockout mice. Journal of Cellular Physiology, 2010, 225, 482-489.	4.1	53
81	Autocrine and Paracrine Actions of IGF-I Signaling in Skeletal Development. Bone Research, 2013, 1, 249-259.	11.4	52
82	Variability in free 25(OH) vitamin D levels in clinical populations. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 156-158.	2.5	52
83	The Calcium-Sensing Receptor-Dependent Regulation of Cellâ€"Cell Adhesion and Keratinocyte Differentiation Requires Rho and Filamin A. Journal of Investigative Dermatology, 2011, 131, 1119-1128.	0.7	51
84	Squamous Carcinoma Cell Lines Produce 1,25 Dihydroxyvitamin D, but Fail to Respond to Its Prodifferentiating Effect. Journal of Investigative Dermatology, 1991, 97, 435-441.	0.7	48
85	Osteoblast-Specific Loss of IGF1R Signaling Results in Impaired Endochondral Bone Formation During Fracture Healing. Journal of Bone and Mineral Research, 2015, 30, 1572-1584.	2.8	48
86	Maternal Hypercalcemia Due to Failure of 1,25-Dihydroxyvitamin-D₃Catabolism in a Patient WithCYP24A1Mutations. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2832-2836.	3.6	48
87	Disruption of Vitamin D and Calcium Signaling in Keratinocytes Predisposes to Skin Cancer. Frontiers in Physiology, 2016, 7, 296.	2.8	48
88	PTH/PTHrP and Vitamin D Control Antimicrobial Peptide Expression and Susceptibility to Bacterial Skin Infection. Science Translational Medicine, 2012, 4, 135ra66.	12.4	47
89	Ephrin B2/EphB4 Mediates the Actions of IGF-I Signaling in Regulating Endochondral Bone Formation. Journal of Bone and Mineral Research, 2014, 29, 1900-1913.	2.8	47
90	The Vitamin D Receptor as Tumor Suppressor in Skin. Advances in Experimental Medicine and Biology, 2020, 1268, 285-306.	1.6	47

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91	1,25 dihydroxyvitamin D3 enhances the calcium response of keratinocytes. , 1999, 178, 188-196.		46
92	IGFâ€1 signaling mediated cellâ€specific skeletal mechanoâ€transduction. Journal of Orthopaedic Research, 2018, 36, 576-583.	2.3	46
93	Vitamin D and Skin Cancer. Journal of Nutrition, 2004, 134, 3472S-3478S.	2.9	45
94	Evidence That Loss-of-Function Filaggrin Gene Mutations Evolved in Northern Europeans to Favor Intracutaneous Vitamin D3 Production. Evolutionary Biology, 2014, 41, 388-396.	1.1	45
95	Vitamin D Receptor Is Required for Proliferation, Migration, and Differentiation of Epidermal Stem Cells and Progeny duringÂCutaneous Wound Repair. Journal of Investigative Dermatology, 2018, 138, 2423-2431.	0.7	45
96	Vitamin D Receptor, UVR, and Skin Cancer: A Potential Protective Mechanism. Journal of Investigative Dermatology, 2008, 128, 2357-2361.	0.7	44
97	Vitamin D in cutaneous carcinogenesis. Journal of the American Academy of Dermatology, 2012, 67, 803.e1-803.e12.	1.2	44
98	Differential role of two VDR coactivators, DRIP205 and SRC-3, in keratinocyte proliferation and differentiation. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 776-780.	2.5	43
99	Discovery of the First Irreversible Small Molecule Inhibitors of the Interaction between the Vitamin D Receptor and Coactivators. Journal of Medicinal Chemistry, 2012, 55, 4640-4651.	6.4	43
100	1Î±,25(OH)2-Dihydroxyvitamin D3/VDR protects the skin from UVB-induced tumor formation by interacting with the Î²-catenin pathway. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 229-232.	2.5	43
101	Protective role of vitamin D signaling in skin cancer formation. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 271-279.	2.5	43
102	Vitamin D and cancer: the promise not yet fulfilled. Endocrine, 2014, 46, 29-38.	2.3	43
103	Response of Vitamin D Concentration to Vitamin D₃ Administration in Older Adults without Sun Exposure: A Randomized Doubleâ€Blind Trial. Journal of the American Geriatrics Society, 2016, 64, 65-72.	2.6	43
104	The Free Hormone Hypothesis: When, Why, and How to Measure the Free Hormone Levels to Assess Vitamin D, Thyroid, Sex Hormone, and Cortisol Status. JBMR Plus, 2021, 5, e10418.	2.7	43
105	Association of Vitamin D Status and COVID-19-Related Hospitalization and Mortality. Journal of General Internal Medicine, 2022, 37, 853-861.	2.6	43
106	Calmodulin may mediate 1,25-dihydroxyvitamin D-stimulated intestinal calcium transport. FEBS Letters, 1984, 174, 30-33.	2.8	42
107	Reciprocal role of vitamin D receptor on Î²-catenin regulated keratinocyte proliferation and differentiation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 237-241.	2.5	42
108	Vitamin D Receptor Mediates DNA Repair and Is UV Inducible in Intact Epidermis but Not in Cultured Keratinocytes. Journal of Investigative Dermatology, 2012, 132, 2097-2100.	0.7	41

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109	Coactivator MED1 Ablation in Keratinocytes Results in Hair-Cycling Defects and Epidermal Alterations. Journal of Investigative Dermatology, 2012, 132, 1075-1083.	0.7	40
110	Lanthanum influx into cultured human keratinocytes: Effect on calcium flux and terminal differentiation. Journal of Cellular Physiology, 1992, 151, 623-629.	4.1	39
111	Regional Responsiveness of the Tibia to Intermittent Administration of Parathyroid Hormone as Affected by Skeletal Unloading. Journal of Bone and Mineral Research, 1997, 12, 1068-1074.	2.8	39
112	Protective actions of vitamin D in UVB induced skin cancer. Photochemical and Photobiological Sciences, 2012, 11, 1808-1816.	2.9	39
113	Vitamin D and skin cancer: A problem in gene regulation. Journal of Steroid Biochemistry and Molecular Biology, 2005, 97, 83-91.	2.5	38
114	Total 25(<scp>OH</scp>) vitamin D, free 25(<scp>OH</scp>) vitamin D and markers of bone turnover in cirrhotics with and without synthetic dysfunction. Liver International, 2015, 35, 2294-2300.	3.9	37
115	Calcium Flux across Chick Duodenal Brush Border Membrane Vesicles: Regulation by 1,25-Dihydroxyvitamin D*. Endocrinology, 1983, 113, 2072-2080.	2.8	36
116	Squamous Carcinoma Cell Lines Fail to Respond to 1,25-Dihydroxyvitamin D Despite Normal Levels of the Vitamin D Receptor. Journal of Investigative Dermatology, 1996, 106, 522-525.	0.7	36
117	The Transcriptional Coactivator DRIP/Mediator Complex Is Involved in Vitamin D Receptor Function and Regulates Keratinocyte Proliferation and Differentiation. Journal of Investigative Dermatology, 2010, 130, 2377-2388.	0.7	33
118	Vitamin D receptor, a tumor suppressor in skin. Canadian Journal of Physiology and Pharmacology, 2015, 93, 349-354.	1.4	32
119	Ablation of Coactivator Med1 Switches the Cell Fate of Dental Epithelia to That Generating Hair. PLoS ONE, 2014, 9, e99991.	2.5	31
120	Uncoupling of the calcium-sensing mechanism and differentiation in squamous carcinoma cell lines. Experimental Cell Research, 1991, 192, 567-573.	2.6	30
121	Combined Deletion of the Vitamin D Receptor and Calcium-Sensing Receptor Delays Wound Re-epithelialization. Endocrinology, 2017, 158, 1929-1938.	2.8	30
122	Vitamin D Regulation of Immune Function. Current Osteoporosis Reports, 2022, 20, 186-193.	3.6	30
123	IGF-I Signaling in Osterix-Expressing Cells Regulates Secondary Ossification Center Formation, Growth Plate Maturation, and Metaphyseal Formation During Postnatal Bone Development. Journal of Bone and Mineral Research, 2015, 30, 2239-2248.	2.8	29
124	Regulation of Ligand and Shear Stress-induced Insulin-like Growth Factor 1 (IGF1) Signaling by the Integrin Pathway. Journal of Biological Chemistry, 2016, 291, 8140-8149.	3.4	29
125	Localization and quantitation of calcium pools and calcium binding sites in cultured human keratinocytes. Journal of Cellular Physiology, 1993, 154, 101-112.	4.1	27
126	All-trans retinoic acid blocks the antiproliferative prodifferentiating actions of 1,25-Dihydroxyvitamin D3 in normal human keratinocytes. Journal of Cellular Physiology, 1998, 174, 1-8.	4.1	27

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127	Inhibition of 1,25-Dihydroxyvitamin-D-Induced Keratinocyte Differentiation by Blocking the Expression of Phospholipase C-Î³1. Journal of Investigative Dermatology, 2001, 117, 1250-1254.	0.7	26
128	Selective HyaluronanÃ¢â‚¬â€œCD44 Signaling Promotes miRNA-21 Expression and Interacts with Vitamin D Function during Cutaneous Squamous Cell Carcinomas Progression Following UV Irradiation. Frontiers in Immunology, 2015, 6, 224.	4.8	26
129	Gender differences in the response of CD-1 mouse bone to parathyroid hormone: potential role of IGF-I. Journal of Endocrinology, 2006, 189, 279-287.	2.6	25
130	Insulin like growth factor-I: a critical mediator of the skeletal response to parathyroid hormone. Current Molecular Pharmacology, 2012, 5, 135-42.	1.5	25
131	Current Assays to Determine Free 25-Hydroxyvitamin D in Serum. Journal of AOAC INTERNATIONAL, 2017, 100, 1323-1327.	1.5	23
132	Vitamin D regulation of immune function during covid-19. Reviews in Endocrine and Metabolic Disorders, 2022, 23, 279-285.	5.7	23
133	Differential regulation of epidermal function by VDR coactivators. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 308-313.	2.5	22
134	Vitamin D Assays. Frontiers of Hormone Research, 2018, 50, 14-30.	1.0	21
135	The Villus Gradient of Brush Border Membrane Calmodulin and the Calcium-Independent Calmodulin-Binding Protein Parallels that of Calcium-Accumulating Ability*. Endocrinology, 1986, 118, 727-732.	2.8	18
136	The Protective Role of Vitamin D Signaling in Non-Melanoma Skin Cancer. Cancers, 2013, 5, 1426-1438.	3.7	17
137	The Transient Role for Calcium and VitaminÂD during the Developmental HairÂFollicle Cycle. Journal of Investigative Dermatology, 2016, 136, 1337-1345.	0.7	17
138	Mediator 1 contributes to enamel mineralization as a coactivator for Notch1 signaling and stimulates transcription of the alkaline phosphatase gene. Journal of Biological Chemistry, 2017, 292, 13531-13540.	3.4	16
139	Decreased Calcium-Sensing Receptor Expression Controls Calcium Signaling and Cell-To-Cell Adhesion Defects in Aged Skin. Journal of Investigative Dermatology, 2021, 141, 2577-2586.	0.7	15
140	Synthesis and evaluation of vitamin D receptor-mediated activities of cholesterol and vitamin D metabolites. European Journal of Medicinal Chemistry, 2016, 109, 238-246.	5.5	14
141	Squamous Cell Carcinomas Fail to Respond to the Prodifferentiating Actions of 1,25(OH)2D3: Why?. Recent Results in Cancer Research, 2003, 164, 111-122.	1.8	14
142	Gender-Specific Differences in the Skeletal Response to Continuous PTH in Mice Lacking the IGF1 Receptor in Mature Osteoblasts. Journal of Bone and Mineral Research, 2015, 30, 1064-1076.	2.8	13
143	Vitamin D and calcium signaling in epidermal stem cells and their regeneration. World Journal of Stem Cells, 2020, 12, 604-611.	2.8	13
144	Transcriptional Regulation of Dental Epithelial Cell Fate. International Journal of Molecular Sciences, 2020, 21, 8952.	4.1	12

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145	Growth Hormone/Insulin-Like Growth Factor-1/PTH Axis in Bone. Journal of Bone and Mineral Research, 2008, 23, 581-583.	2.8	11
146	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. Calcified Tissue International, 2015, 97, 634-639.	3.1	11
147	Vitamin D regulation of and by long non coding RNAs. Molecular and Cellular Endocrinology, 2021, 532, 111317.	3.2	11
148	The Tumor Suppressor Actions of the Vitamin D Receptor in Skin. , 2014, 810, 282-302.		11
149	Ligandâ€Independent Actions of the Vitamin D Receptor: More Questions Than Answers. JBMR Plus, 2021, 5, e10578.	2.7	11
150	Calcium, Orai1, and Epidermal Proliferation. Journal of Investigative Dermatology, 2014, 134, 1506-1508.	0.7	9
151	Hypercalcemia and Overexpression of CYP27B1 in a Patient With Nephrogenic Systemic Fibrosis: Clinical Vignette and Literature Review. Journal of Bone and Mineral Research, 2009, 24, 1135-1139.	2.8	8
152	The Endocrine Society Centennial: Extrarenal Production of 1,25 Dihyroxyvitamin D Is Now Proven. Endocrinology, 2016, 157, 1717-1718.	2.8	8
153	p120â€catenin suppresses proliferation and tumor growth of oral squamous cell carcinoma via inhibiting nuclear phospholipase Câ€Î³1 signaling. Journal of Cellular Physiology, 2020, 235, 9399-9413.	4.1	8
154	Vitamin D and bone and beyond. Bone Reports, 2018, 9, 120-121.	0.4	7
155	Vitamin D Prevents Sunburn: Tips for the Summer?. Journal of Investigative Dermatology, 2017, 137, 2045-2047.	0.7	6
156	Vitamin D: Mechanisms of Action and Clinical Applications. Endocrinology and Metabolism Clinics of North America, 2017, 46, xvii-xviii.	3.2	6
157	Hypercalcemia in non-Hodgkinâ€™s lymphoma due to cosecretion of PTHrP and 1,25-dihydroxyvitamin D. Osteoporosis International, 2021, 32, 2587-2592.	3.1	6
158	Myosin 1a Regulates Osteoblast Differentiation Independent of Intestinal Calcium Transport. Journal of the Endocrine Society, 2019, 3, 1993-2011.	0.2	5
159	The Fracture Callus Is Formed by Progenitors of Different Skeletal Origins in a Siteâ€Specific Manner. JBMR Plus, 2019, 3, e10193.	2.7	4
160	Rapid onset of hypercalcemia from high-grade lymphoma in the setting of HIV-related immune reconstitution inflammatory syndrome. Bone Reports, 2019, 10, 100194.	0.4	4
161	Ablation of Ephrin B2 in Col2 Expressing Cells Delays Fracture Repair. Endocrinology, 2020, 161, .	2.8	4
162	Deletion of Mediator 1 suppresses TGFÎ² signaling leading to changes in epidermal lineages and regeneration. PLoS ONE, 2020, 15, e0238076.	2.5	4

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163	Phosphoprotein Phosphatase 1 Is Required for Extracellular Calcium-Induced Keratinocyte Differentiation. BioMed Research International, 2016, 2016, 1-11.	1.9	3
164	Do sunscreens block vitamin D production? A critical review by an international panel of experts. British Journal of Dermatology, 2019, 181, 884-884.	1.5	3
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