

# Martin Hewison

## List of Publications by Citations

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187  
papers

19,730  
citations

68  
h-index

139  
g-index

206  
ext. papers

22,176  
ext. citations

6.7  
avg, IF

6.95  
L-index

#	Paper	IF	Citations
187	Toll-like receptor triggering of a vitamin D-mediated human antimicrobial response. <i>Science</i> , <b>2006</b> , 311, 1770-3	33.3	2845
186	Distribution of the vitamin D receptor and 1 alpha-hydroxylase in human brain. <i>Journal of Chemical Neuroanatomy</i> , <b>2005</b> , 29, 21-30	3.2	964
185	11beta-hydroxysteroid dehydrogenase type 1: a tissue-specific regulator of glucocorticoid response. <i>Endocrine Reviews</i> , <b>2004</b> , 25, 831-66	27.2	782
184	Extrarenal expression of 25-hydroxyvitamin d(3)-1 alpha-hydroxylase. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 888-94	5.6	668
183	Update in vitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 471-8	5.6	634
182	Unexpected actions of vitamin D: new perspectives on the regulation of innate and adaptive immunity. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , <b>2008</b> , 4, 80-90		542
181	1,25-Dihydroxyvitamin D3 and IL-2 combine to inhibit T cell production of inflammatory cytokines and promote development of regulatory T cells expressing CTLA-4 and FoxP3. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5458-67	5.3	531
180	Vitamin D is required for IFN-gamma-mediated antimicrobial activity of human macrophages. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 104ra102	17.5	363
179	Differential regulation of vitamin D receptor and its ligand in human monocyte-derived dendritic cells. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5382-90	5.3	348
178	Vitamin D and the immune system: new perspectives on an old theme. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2010</b> , 39, 365-79, table of contents	5.5	338
177	An update on vitamin D and human immunity. <i>Clinical Endocrinology</i> , <b>2012</b> , 76, 315-25	3.4	334
176	Extra-renal 25-hydroxyvitamin D3-1alpha-hydroxylase in human health and disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2007</b> , 103, 316-21	5.1	307
175	Type I interferon suppresses type II interferon-triggered human anti-mycobacterial responses. <i>Science</i> , <b>2013</b> , 339, 1448-53	33.3	283
174	Vitamin d-directed rheostatic regulation of monocyte antibacterial responses. <i>Journal of Immunology</i> , <b>2009</b> , 182, 4289-95	5.3	280
173	Vitamin D and DBP: the free hormone hypothesis revisited. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 144 Pt A, 132-7	5.1	279
172	Antibacterial effects of vitamin D. <i>Nature Reviews Endocrinology</i> , <b>2011</b> , 7, 337-45	15.2	259
171	Mutations in the genes encoding 11beta-hydroxysteroid dehydrogenase type 1 and hexose-6-phosphate dehydrogenase interact to cause cortisone reductase deficiency. <i>Nature Genetics</i> , <b>2003</b> , 34, 434-9	36.3	255

170	Expression of 25-hydroxyvitamin D3-1alpha-hydroxylase in pancreatic islets. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2004</b> , 89-90, 121-5	5.1	251
169	Vitamin D and immune function: an overview. <i>Proceedings of the Nutrition Society</i> , <b>2012</b> , 71, 50-61	2.9	240
168	Vitamin D and placental-decidual function. <i>Journal of the Society for Gynecologic Investigation</i> , <b>2004</b> , 11, 263-71		239
167	Synthesis of 1,25-dihydroxyvitamin D(3) by human endothelial cells is regulated by inflammatory cytokines: a novel autocrine determinant of vascular cell adhesion. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 621-629	12.7	236
166	Differentiation of adipose stromal cells: the roles of glucocorticoids and 11beta-hydroxysteroid dehydrogenase. <i>Endocrinology</i> , <b>1999</b> , 140, 3188-96	4.8	219
165	Impact of vitamin D on immune function: lessons learned from genome-wide analysis. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 151	4.6	215
164	Vitamin D: beyond bone. <i>Annals of the New York Academy of Sciences</i> , <b>2013</b> , 1287, 45-58	6.5	188
163	Modulation of 11beta-hydroxysteroid dehydrogenase isozymes by proinflammatory cytokines in osteoblasts: an autocrine switch from glucocorticoid inactivation to activation. <i>Journal of Bone and Mineral Research</i> , <b>2001</b> , 16, 1037-44	6.3	188
162	Suppression of iron-regulatory hepcidin by vitamin D. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 564-72	12.7	186
161	The ontogeny of 25-hydroxyvitamin D(3) 1alpha-hydroxylase expression in human placenta and decidua. <i>American Journal of Pathology</i> , <b>2002</b> , 161, 105-14	5.8	181
160	Vitamin D deficiency in mice impairs colonic antibacterial activity and predisposes to colitis. <i>Endocrinology</i> , <b>2010</b> , 151, 2423-32	4.8	178
159	Vitamin D-binding protein directs monocyte responses to 25-hydroxy- and 1,25-dihydroxyvitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3368-76	5.6	178
158	Effects of 25-hydroxyvitamin D3 and 1,25-dihydroxyvitamin D3 on cytokine production by human decidual cells. <i>Biology of Reproduction</i> , <b>2006</b> , 75, 816-22	3.9	175
157	IL-15 links TLR2/1-induced macrophage differentiation to the vitamin D-dependent antimicrobial pathway. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7115-20	5.3	170
156	T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 22593-8	11.5	167
155	Vitamin D and barrier function: a novel role for extra-renal 1 alpha-hydroxylase. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 215, 31-8	4.4	165
154	Vitamin D and the intracrinology of innate immunity. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 321, 103-11	4.4	155
153	25-hydroxyvitamin D(3)-1alpha-hydroxylase expression in normal and pathological parathyroid glands. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 2967-72	5.6	153

152	1alpha,25-dihydroxyvitamin D3 interacts with curcuminoids to stimulate amyloid-beta clearance by macrophages of Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , <b>2009</b> , 17, 703-17	4.3	149
151	Osteoblastic 11beta-hydroxysteroid dehydrogenase type 1 activity increases with age and glucocorticoid exposure. <i>Journal of Bone and Mineral Research</i> , <b>2002</b> , 17, 979-86	6.3	148
150	Autocrine metabolism of vitamin D in normal and malignant breast tissue. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 3579-86	12.9	147
149	Vitamin D and the regulation of placental inflammation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 5968-74	5.3	143
148	MECHANISMS IN ENDOCRINOLOGY: Vitamin D and COVID-19. <i>European Journal of Endocrinology</i> , <b>2020</b> , 183, R133-R147	6.5	143
147	Expression of 25-hydroxyvitamin D3-1alpha-hydroxylase in the human kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>1999</b> , 10, 2465-73	12.7	142
146	Divergence of macrophage phagocytic and antimicrobial programs in leprosy. <i>Cell Host and Microbe</i> , <b>2009</b> , 6, 343-53	23.4	141
145	Vitamin D and innate and adaptive immunity. <i>Vitamins and Hormones</i> , <b>2011</b> , 86, 23-62	2.5	138
144	Fibroblast growth factor 23 inhibits extrarenal synthesis of 1,25-dihydroxyvitamin D in human monocytes. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 46-55	6.3	132
143	Altered endocrine and autocrine metabolism of vitamin D in a mouse model of gastrointestinal inflammation. <i>Endocrinology</i> , <b>2008</b> , 149, 4799-808	4.8	128
142	Free 25-Hydroxyvitamin D: Impact of Vitamin D Binding Protein Assays on Racial-Genotypic Associations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2226-34	5.6	123
141	Biological actions of extra-renal 25-hydroxyvitamin D-1alpha-hydroxylase and implications for chemoprevention and treatment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2005</b> , 97, 103-9	5.1	122
140	Vitamin D in defense of the human immune response. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1117, 94-105	6.5	121
139	Constitutive expression of 25-hydroxyvitamin D3-1alpha-hydroxylase in a transformed human proximal tubule cell line: evidence for direct regulation of vitamin D metabolism by calcium. <i>Endocrinology</i> , <b>1999</b> , 140, 2027-34	4.8	112
138	The aldo-keto reductase AKR1C3 is a novel suppressor of cell differentiation that provides a plausible target for the non-cyclooxygenase-dependent antineoplastic actions of nonsteroidal anti-inflammatory drugs. <i>Cancer Research</i> , <b>2003</b> , 63, 505-12	10.1	106
137	Heterogeneous nuclear ribonucleoprotein (hnRNP) binding to hormone response elements: a cause of vitamin D resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 6109-14	11.5	104
136	Increased expression of mineralocorticoid effector mechanisms in kidney biopsies of patients with heavy proteinuria. <i>Circulation</i> , <b>2005</b> , 112, 1435-43	16.7	104
135	Reduction of the vitamin D hormonal system in kidney disease is associated with increased renal inflammation. <i>Kidney International</i> , <b>2008</b> , 74, 1343-53	9.9	103

134	Vitamin D metabolism and innate immunity. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 347, 97-105	4.4	100
133	Regulation of the extrarenal CYP27B1-hydroxylase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 144 Pt A, 22-7	5.1	96
132	Alternative splicing of vitamin D-24-hydroxylase: a novel mechanism for the regulation of extrarenal 1,25-dihydroxyvitamin D synthesis. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 20604-11	5.4	93
131	Vitamin D-mediated hypercalcemia in lymphoma: evidence for hormone production by tumor-adjacent macrophages. <i>Journal of Bone and Mineral Research</i> , <b>2003</b> , 18, 579-82	6.3	91
130	IL-32 is a molecular marker of a host defense network in human tuberculosis. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 250ra114	17.5	87
129	Vitamin D and the immune system: new perspectives on an old theme. <i>Rheumatic Disease Clinics of North America</i> , <b>2012</b> , 38, 125-39	2.4	84
128	Rare causes of calcitriol-mediated hypercalcemia: a case report and literature review. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3111-7	5.6	83
127	Gene targeting by the vitamin D response element binding protein reveals a role for vitamin D in osteoblast mTOR signaling. <i>FASEB Journal</i> , <b>2011</b> , 25, 937-47	0.9	82
126	Vitamin D binding protein and monocyte response to 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D: analysis by mathematical modeling. <i>PLoS ONE</i> , <b>2012</b> , 7, e30773	3.7	81
125	11beta-hydroxysteroid dehydrogenase type 1 activity predicts the effects of glucocorticoids on bone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3874-7	5.6	81
124	Role of Assay Type in Determining Free 25-Hydroxyvitamin D Levels in Diverse Populations. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1695-6	59.2	75
123	Hormones and immune function: implications of aging. <i>Aging Cell</i> , <b>2004</b> , 3, 209-16	9.9	73
122	Vitamin D and SARS-CoV-2 virus/COVID-19 disease. <i>BMJ Nutrition, Prevention and Health</i> , <b>2020</b> , 3, 106-110	10.7	72
121	Prereceptor regulation of glucocorticoid action by 11beta-hydroxysteroid dehydrogenase: a novel determinant of cell proliferation. <i>FASEB Journal</i> , <b>2002</b> , 16, 36-44	0.9	72
120	The Role of Vitamin D in Inflammatory Bowel Disease: Mechanism to Management. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	69
119	Back to the future: a new look at Vitamin D. <i>Journal of Endocrinology</i> , <b>2008</b> , 198, 261-9	4.7	68
118	Differential expression, function and response to inflammatory stimuli of 11beta-hydroxysteroid dehydrogenase type 1 in human fibroblasts: a mechanism for tissue-specific regulation of inflammation. <i>Arthritis Research and Therapy</i> , <b>2006</b> , 8, R108	5.7	67
117	Increased expression of 25-hydroxyvitamin D-1alpha-hydroxylase in dysgerminomas: a novel form of humoral hypercalcemia of malignancy. <i>American Journal of Pathology</i> , <b>2004</b> , 165, 807-13	5.8	67

116	Effects of High-Dose Vitamin D2 Versus D3 on Total and Free 25-Hydroxyvitamin D and Markers of Calcium Balance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3070-8	5.6	63
115	Loss of estrogen inactivation in colonic cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 2080-5	5.6	62
114	Vitamin D activation of functionally distinct regulatory miRNAs in primary human osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 1478-88	6.3	60
113	Dietary vitamin D restriction in pregnant female mice is associated with maternal hypertension and altered placental and fetal development. <i>Endocrinology</i> , <b>2013</b> , 154, 2270-80	4.8	59
112	Vitamin D deficiency modulates GravesThyperthyroidism induced in BALB/c mice by thyrotropin receptor immunization. <i>Endocrinology</i> , <b>2009</b> , 150, 1051-60	4.8	59
111	Vitamin D in rheumatoid arthritis-towards clinical application. <i>Nature Reviews Rheumatology</i> , <b>2016</b> , 12, 201-10	8.1	57
110	High throughput LC-MS/MS method for the simultaneous analysis of multiple vitamin D analytes in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1014, 56-63	3.2	56
109	Vitamin D, Autoimmune Disease and Rheumatoid Arthritis. <i>Calcified Tissue International</i> , <b>2020</b> , 106, 58-75.9	5.9	56
108	Mutations in the vitamin D receptor gene in three kindreds associated with hereditary vitamin D resistant rickets. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 3156-60	5.6	55
107	11Beta-hydroxysteroid dehydrogenase type 1 in differentiating omental human preadipocytes: from de-activation to generation of cortisol. <i>Endocrine Research</i> , <b>2002</b> , 28, 449-61	1.9	53
106	Androgen receptor-mediated regulation of the alpha-subunit of the epithelial sodium channel in human kidney. <i>Hypertension</i> , <b>2005</b> , 46, 787-98	8.5	51
105	Vitamin D, the placenta and early pregnancy: effects on trophoblast function. <i>Journal of Endocrinology</i> , <b>2018</b> , 236, R93-R103	4.7	51
104	Late-onset apparent mineralocorticoid excess caused by novel compound heterozygous mutations in the HSD11B2 gene. <i>Hypertension</i> , <b>2003</b> , 42, 123-9	8.5	49
103	Role of vitamin D in cytotoxic T lymphocyte immunity to pathogens and cancer. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2016</b> , 53, 132-45	9.4	46
102	Vitamin D Binding Protein and the Biological Activity of Vitamin D. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 718	5.7	44
101	Vitamin D as a cytokine and hematopoietic factor. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2001</b> , 2, 217-27	10.5	44
100	Vitamin D and immune regulation: antibacterial, antiviral, anti-inflammatory. <i>JBMR Plus</i> , <b>2020</b> , 5, e104053.9	5.9	44
99	The renal function of 25-hydroxyvitamin D3-1alpha-hydroxylase. <i>Molecular and Cellular Endocrinology</i> , <b>1999</b> , 151, 213-20	4.4	43

98	Vitamin D and immune function: autocrine, paracrine or endocrine?. <i>Scandinavian Journal of Clinical and Laboratory Investigation, Supplement</i> , <b>2012</b> , 243, 92-102		43
97	Vitamin D and innate immunity. <i>Current Opinion in Investigational Drugs</i> , <b>2008</b> , 9, 485-90		43
96	25-hydroxyvitamin D3 and 1,25-dihydroxyvitamin D3 exert distinct effects on human skeletal muscle function and gene expression. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170665	3.7	42
95	Regulation of vitamin D-1alpha-hydroxylase in a human cortical collecting duct cell line. <i>Kidney International</i> , <b>2001</b> , 60, 1277-86	9.9	40
94	Vitamin D bioavailability and catabolism in pediatric chronic kidney disease. <i>Pediatric Nephrology</i> , <b>2013</b> , 28, 1843-53	3.2	39
93	Functional characterization of heterogeneous nuclear ribonuclear protein C1/C2 in vitamin D resistance: a novel response element-binding protein. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 39114-20	5.4	38
92	Dysregulation of maternal and placental vitamin D metabolism in preeclampsia. <i>Placenta</i> , <b>2017</b> , 50, 70-73	3.4	37
91	Inflammatory regulation of glucocorticoid metabolism in mesenchymal stromal cells. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2404-13		37
90	Vitamin D and microRNAs in bone. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2013</b> , 23, 195-214	1.3	36
89	Characterization of aromatase and 17 beta-hydroxysteroid dehydrogenase expression in rat osteoblastic cells. <i>Journal of Bone and Mineral Research</i> , <b>1998</b> , 13, 996-1004	6.3	34
88	Mechanisms of decreased Vitamin D 1alpha-hydroxylase activity in prostate cancer cells. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 221, 67-74	4.4	34
87	19-Nor-1,25(OH)2D2 (a novel, noncalcemic vitamin D analogue), combined with arsenic trioxide, has potent antitumor activity against myeloid leukemia. <i>Cancer Research</i> , <b>2005</b> , 65, 2488-97	10.1	33
86	Expression of 11 beta-hydroxysteroid dehydrogenase in rat osteoblastic cells: pre-receptor regulation of glucocorticoid responses in bone. <i>Journal of Cellular Biochemistry</i> , <b>2001</b> , 81, 453-62	4.7	33
85	Expression of 25-hydroxyvitamin D3-1alpha-hydroxylase along the nephron: new insights into renal vitamin D metabolism. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2000</b> , 9, 17-22	3.5	33
84	Expression of renal 11beta-hydroxysteroid dehydrogenase type 2 is decreased in patients with impaired renal function. <i>European Journal of Endocrinology</i> , <b>2005</b> , 153, 291-9	6.5	32
83	Down-regulation of vitamin D receptor in mammospheres: implications for vitamin D resistance in breast cancer and potential for combination therapy. <i>PLoS ONE</i> , <b>2013</b> , 8, e53287	3.7	31
82	Dynamic development of glucocorticoid resistance during autoimmune neuroinflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E1402-10	5.6	30
81	Effects of Cholecalciferol vs Calcifediol on Total and Free 25-Hydroxyvitamin D and Parathyroid Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1133-1140	5.6	29

80	Differential Responses to Vitamin D2 and Vitamin D3 Are Associated With Variations in Free 25-Hydroxyvitamin D. <i>Endocrinology</i> , <b>2016</b> , 157, 3420-30	4.8	28
79	Trends in the incidence of testing for vitamin D deficiency in primary care in the UK: a retrospective analysis of The Health Improvement Network (THIN), 2005-2015. <i>BMJ Open</i> , <b>2019</b> , 9, e028355	3	27
78	Immunomodulation by vitamin D: implications for TB. <i>Expert Review of Clinical Pharmacology</i> , <b>2011</b> , 4, 583-91	3.8	27
77	1alpha-hydroxylase and innate immune responses to 25-hydroxyvitamin D in colonic cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2010</b> , 121, 228-33	5.1	27
76	Vitamin D-mediated hypercalcemia in slack skin disease: evidence for involvement of extrarenal 25-hydroxyvitamin D 1alpha-hydroxylase. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 1496-9	6.3	27
75	Preventing vitamin D deficiency during the COVID-19 pandemic: UK definitions of vitamin D sufficiency and recommended supplement dose are set too low. <i>Clinical Medicine</i> , <b>2021</b> , 21, e48-e51	1.9	27
74	Glucocorticoid-induced apoptosis in human decidua: a novel role for 11beta-hydroxysteroid dehydrogenase in late gestation. <i>Journal of Endocrinology</i> , <b>2007</b> , 195, 7-15	4.7	26
73	Hormone response element binding proteins: novel regulators of vitamin D and estrogen signaling. <i>Steroids</i> , <b>2011</b> , 76, 331-9	2.8	25
72	Antibacterial responses by peritoneal macrophages are enhanced following vitamin D supplementation. <i>PLoS ONE</i> , <b>2014</b> , 9, e116530	3.7	24
71	Vitamin D and COVID-19: evidence and recommendations for supplementation. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 201912	3.3	24
70	Control of estradiol-directed gene transactivation by an intracellular estrogen-binding protein and an estrogen response element-binding protein. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 559-69		23
69	Vitamin D supplementation and antibacterial immune responses in adolescents and young adults with HIV/AIDS. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 148, 290-7	5.1	22
68	Estrone potentiates myeloid cell differentiation: a role for 17 beta-hydroxysteroid dehydrogenase in modulating hemopoiesis. <i>Experimental Hematology</i> , <b>1999</b> , 27, 451-60	3.1	22
67	Loss of Estrogen Inactivation in Colonic Cancer		21
66	Analysis of multiple vitamin D metabolites by ultra-performance supercritical fluid chromatography-tandem mass spectrometry (UPSFC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1087-1088, 43-48	3.2	19
65	Beyond mineral metabolism, is there an interplay between FGF23 and vitamin D in innate immunity?. <i>Pediatric Nephrology</i> , <b>2013</b> , 28, 577-82	3.2	19
64	Vitamin D insufficiency and skeletal development in utero. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 11-3	6.3	18
63	Serum- and glucocorticoid-regulated kinase isoform-1 and epithelial sodium channel subunits in human ocular ciliary epithelium. <i>Investigative Ophthalmology and Visual Science</i> , <b>2003</b> , 44, 1643-51		18



62	Relationship between vitamin D status and the vaginal microbiome during pregnancy. <i>Journal of Perinatology</i> , <b>2019</b> , 39, 824-836	3.1	17
61	Report of the CCFA pediatric bone, growth and muscle health workshop, New York City, November 11-12, 2011, with updates. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 2919-26	4.5	17
60	Serum and synovial fluid vitamin D metabolites and rheumatoid arthritis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 187, 1-8	5.1	17
59	Pathway analysis of transcriptomic data shows immunometabolic effects of vitamin D. <i>Journal of Molecular Endocrinology</i> , <b>2018</b> , 60, 95-108	4.5	17
58	Decreased sensitivity to 1,25-dihydroxyvitamin D3 in T cells from the rheumatoid joint. <i>Journal of Autoimmunity</i> , <b>2018</b> , 88, 50-60	15.5	16
57	Vitamin D-deficiency and sex-specific dysregulation of placental inflammation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 177, 223-230	5.1	15
56	The heterodimeric structure of heterogeneous nuclear ribonucleoprotein C1/C2 dictates 1,25-dihydroxyvitamin D-directed transcriptional events in osteoblasts. <i>Bone Research</i> , <b>2014</b> , 2,	13.3	14
55	1,25-Dihydroxyvitamin D3 Regulates Estrogen Metabolism in Cultured Keratinocytes		14
54	Perspective: Vitamin D supplementation prevents rickets and acute respiratory infections when given as daily maintenance but not as intermittent bolus: implications for COVID-19. <i>Clinical Medicine</i> , <b>2021</b> , 21, e144-e149	1.9	14
53	Associations Between Change in Total and Free 25-Hydroxyvitamin D With 24,25-Dihydroxyvitamin D and Parathyroid Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3368-3375	5.6	14
52	Vitamin D status and its influence on outcomes following major burn injury and critical illness. <i>Burns and Trauma</i> , <b>2018</b> , 6, 11	5.3	13
51	An Hsp27-related, dominant-negative-acting intracellular estradiol-binding protein. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 29944-51	5.4	13
50	Vitamin D and alternative splicing of RNA. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 148, 310-7	5.1	12
49	Extra-renal 1 $\beta$ -Hydroxylase Activity and Human Disease <b>2005</b> , 1379-1400		11
48	Extrarenal 1 $\beta$ -Hydroxylase <b>2011</b> , 777-804		10
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