Carsten Carlberg

List of Publications by Year in Descending Order

309 papers	11,087 citations	57 h-index	89 g-index
329 ext. papers	12,226 ext. citations	6.8 avg, IF	6.74 L-index

#	Paper	IF	Citations
309	T Cell Immunity: T Cell Receptors and Their Effector Functions **2022**, 89-107		0
308	B Cell Immunity: BCRs, Antibodies and Their Effector Functions **2022**, 59-76		
307	Immunity to Viral Pathogens and the Virome **2022**, 135-154		
306	Innate Immunity and Inflammation **2022**, 19-40		
305	Immunity to Bacterial Pathogens and the Microbiome **2022**, 109-133		
304	Antigen-Presenting Cells and the Major Histocompatibility Complex **2022**, 77-88		
303	Tolerance and Transplantation Immunology **2022**, 155-169		
302	Adaptive Immunity and Antigen Receptor Diversity **2022**, 41-57		
301	Immunological Hypersensitivities: Allergy and Autoimmunity **2022**, 171-196		
300	Cancer Immunology **2022**, 197-213		0
299	Cells and Tissues of the Immune System **2022**, 1-18		
298	Vitamin D Treatment Sequence Is Critical for Transcriptome Modulation of Immune Challenged Primary Human Cells.. *Frontiers in Immunology*, **2021**, 12, 754056	8.4	1
297	Replacing Saturated Fat with Polyunsaturated Fat Modulates Peripheral Blood Mononuclear Cell Gene Expression and Pathways Related to Cardiovascular Disease Risk Using a Whole Transcriptome Approach. *Molecular Nutrition and Food Research*, **2021**, e2100633	5.9	1
296	Cancer Genomics **2021**, 55-66		
295	Tumor Suppressor Genes and Cell Fate Control **2021**, 29-40		
294	Cancer Immunity **2021**, 129-146		
293	Architecture of Cancer Therapies **2021**, 147-161		

292	Tumor Microenvironment **2021**, 101-114		
291	Cancer Epigenomics **2021**, 67-85		
290	Multi-step Tumorigenesis and Genome Instability **2021**, 41-53		
289	Oncogenes and Signal Transduction **2021**, 17-28		
288	Introduction to Cancer **2021**, 1-16		
287	A hierarchical regulatory network analysis of the vitamin D induced transcriptome reveals novel regulators and complete VDR dependency in monocytes. *Scientific Reports*, **2021**, 11, 6518	4.9	7
286	Vitamin D and the risk for cancer: A molecular analysis. *Biochemical Pharmacology*, **2021**, 196, 114735	6	8
285	Aging and Cancer **2021**, 87-99		
284	Metastasis and Cachexia **2021**, 115-128		
283	An update on vitamin D signaling and cancer. *Seminars in Cancer Biology*, **2020**, 79, 217-217	12.7	33
282	Impact of Epigenetics on Complications of Fanconi Anemia: The Role of Vitamin D-Modulated Immunity. *Nutrients*, **2020**, 12,	6.7	1
281	Skin colour and vitamin D: An update. *Experimental Dermatology*, **2020**, 29, 864-875	4	14
280	Nutrigenomics: How Science Works **2020**,		3
279	Key Vitamin D Target Genes with Functions in the Immune System. *Nutrients*, **2020**, 12,	6.7	32
278	Genome-wide effects of chromatin on vitamin D signaling. *Journal of Molecular Endocrinology*, **2020**, 64, R45-R56	4.5	14
277	Chromatin Modifiers **2020**, 83-98		
276	Insulin Resistance and Diabetes **2020**, 131-151		
275	Interference of the Human Genome with Nutrients **2020**, 49-63		

274	Heart Disease and the Metabolic Syndrome **2020**, 153-172		
273	Genome-Wide Principles of Gene Regulation **2020**, 71-82		
272	Basal Transcriptional Machinery **2020**, 19-33		
271	A Key Transcription Factor Family: Nuclear Receptors **2020**, 59-70		
270	Sensing Nutrition **2020**, 31-48		
269	Nutritional Epigenetics **2020**, 65-79		
268	Regulatory Impact of Non-coding RNA **2020**, 129-142		
267	Genes and Chromatin **2020**, 1-17		
266	Transcription Factors and Signal Transduction **2020**, 35-57		
265	Chromatin Remodeling and Organization **2020**, 115-128		
264	Monitoring genome-wide chromatin accessibility by formaldehyde-assisted isolation of regulatory elements sequencing (FAIRE-seq) **2020**, 353-369		
263	Vitamin D receptor(s): In the nucleus but also at membranes?. *Experimental Dermatology*, **2020**, 29, 876-884		23
262	Common and personal target genes of the micronutrient vitamin D in primary immune cells from human peripheral blood. *Scientific Reports*, **2020**, 10, 21051	4.9	8
261	Randomized controlled trial on the effectiveness of web-based Genomics Nursing Education Intervention for undergraduate nursing students: a study protocol. *Journal of Advanced Nursing*, **2020**, 76, 3136-3146	3.1	2
260	Vitamin D and evolution: Pharmacologic implications. *Biochemical Pharmacology*, **2020**, 173, 113595	6	37
259	Human Epigenetics: How Science Works **2019**,		2
258	Epigenome-Wide Effects of Vitamin D. *Proceedings (mdpi)*, **2019**, 11, 17	0.3	
257	Vitamin D Signaling Suppresses Early Prostate Carcinogenesis in TgAPT Mice. *Cancer Prevention Research*, **2019**, 12, 343-356	3.2	11

256	Nutrigenomics of Vitamin D. *Nutrients*, **2019**, 11,	6.7	70
255	Primary Vitamin D Target Genes of Human Monocytes. *Frontiers in Physiology*, **2019**, 10, 194	4.6	42
254	Vitamin D and Its Synthetic Analogs. *Journal of Medicinal Chemistry*, **2019**, 62, 6854-6875	8.3	32
253	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome-A SYSDIET Sub-Study. *Molecular Nutrition and Food Research*, **2019**, 63, e1801405	5.9	8
252	Machine learning approaches infer vitamin D signaling: Critical impact of vitamin D receptor binding within topologically associated domains. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 185, 103-109	5.1	13
251	Vitamin D Signaling in the Context of Innate Immunity: Focus on Human Monocytes. *Frontiers in Immunology*, **2019**, 10, 2211	8.4	35
250	Vitamin D: A Micronutrient Regulating Genes. *Current Pharmaceutical Design*, **2019**, 25, 1740-1746	3.3	16
249	Epigenome-Environment Interactions and Their Therapy **2019**, 135-144		
248	Chromatin Modifying Proteins and RNAs **2019**, 51-62		
247	Population Epigenetics and Aging **2019**, 75-87		
246	Epigenetics of Immune Function **2019**, 123-134		
245	Histone Modifications **2019**, 41-49		
244	DNA Methylation **2019**, 29-39		
243	Chromatin **2019**, 15-28		1
242	An Isocaloric Nordic Diet Modulates and Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome-A SYSDIET Sub-Study. *Nutrients*, **2019**, 11,	6.7	9
241	Modulation of vitamin D signaling by the pioneer factor CEBPA. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2019**, 1862, 96-106	6	18
240	In vivo transcriptome changes of human white blood cells in response to vitamin D. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 188, 71-76	5.1	28
239	What Is Epigenomics? **2018**, 3-18		0

238	Epigenomics of Immune Function **2018**, 191-204		
237	Nutritional Epigenomics **2018**, 205-217		
236	Methods and Applications of Epigenomics **2018**, 19-38		
235	The Structure of Chromatin **2018**, 41-56		
234	DNA Methylation **2018**, 57-73		1
233	The Histone Code **2018**, 75-88		2
232	Chromatin Modifiers **2018**, 89-102		
231	Chromatin Remodelers and Organizers **2018**, 103-120		
230	Embryogenesis and Cellular Differentiation **2018**, 123-140		
229	Population Epigenomics and Aging **2018**, 141-158		
228	In vivo response of the human epigenome to vitamin D: A Proof-of-principle study. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 180, 142-148	5.1	37
227	The concept of the personal vitamin D response index. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 175, 12-17	5.1	80
226	ETS transcription factor family member GABPA contributes to vitamin D receptor target gene regulation. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 177, 46-52	5.1	17
225	Vitamin D Genomics: From to. *Frontiers in Endocrinology*, **2018**, 9, 250	5.7	27
224	Vitamin D and Chromatin **2018**, 217-225		
223	Human Epigenomics **2018**,		12
222	The impact of the vitamin D-modulated epigenome on VDR target gene regulation. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2018**, 1861, 697-705	6	35
221	Molecular evaluation of vitamin D responsiveness of healthy young adults. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 174, 314-321	5.1	24

220	Epigenomic PU.1-VDR crosstalk modulates vitamin D signaling. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2017**, 1860, 405-415	6	30
219	Molecular endocrinology of vitamin D on the epigenome level. *Molecular and Cellular Endocrinology* , **2017**, 453, 14-21	4.4	42
218	Selective regulation of biological processes by vitamin D based on the spatio-temporal cistrome of its receptor. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2017**, 1860, 952-961	6	32
217	Integration of VDR genome wide binding and GWAS genetic variation data reveals co-occurrence of VDR and NF-B binding that is linked to immune phenotypes. *BMC Genomics*, **2017**, 18, 132	4.5	27
216	Vitamin D-dependent chromatin association of CTCF in human monocytes. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2016**, 1859, 1380-1388	6	26
215	Mechanisms of Gene Regulation **2016**,		14
214	Chronic Inflammation and Metabolic Stress **2016**, 121-137		
213	Nutrigenomics **2016**,		2
212	Adaption of the Human Genome to Dietary Changes **2016**, 71-86		
211	Nutritional Epigenomics **2016**, 87-104		
210	Glucose Homeostasis, Insulin Resistance and Cell Failure **2016**, 163-180		
209	Mapping the Genome **2016**, 109-125		
208	Nutritional Signaling and Aging **2016**, 105-120		
207	Overview: What Is Gene Expression? **2016**, 3-16		
206	Effects of a healthy Nordic diet on gene expression changes in peripheral blood mononuclear cells in response to an oral glucose tolerance test in subjects with metabolic syndrome: a SYSDIET sub-study. *Genes and Nutrition*, **2016**, 11, 3	4.3	16
205	Epigenome-wide effects of vitamin D and their impact on the transcriptome of human monocytes involve CTCF. *Nucleic Acids Research*, **2016**, 44, 4090-104	20.1	65
204	The vitamin D-dependent transcriptome of human monocytes. *Journal of Steroid Biochemistry and Molecular Biology*, **2016**, 164, 180-187	5.1	26
203	Vitamin D receptor signaling improves Hutchinson-Gilford progeria syndrome cellular phenotypes. *Oncotarget*, **2016**, 7, 30018-31	3.3	37

202	Hypertension, Atherosclerosis and Dyslipidemias **2016**, 195-208		1
201	The Metabolic Syndrome **2016**, 209-222		
200	Switching Genes On and Off: The Example of Nuclear Receptors **2016**, 95-108		
199	Human Genomic Variation **2016**, 25-44		
198	The Impact of Chromatin **2016**, 17-34		
197	Linking Signal Transduction and Gene Regulation **2016**, 75-93		
196	Molecular Approaches for Optimizing Vitamin D Supplementation. *Vitamins and Hormones*, **2016**, 100, 255-71	2.5	23
195	Nutrition and Common Diseases **2016**, 3-23		1
194	Sensing Nutrition **2016**, 47-69		
193	Vitamin D receptor 2016: novel ligands and structural insights. *Expert Opinion on Therapeutic Patents*, **2016**, 26, 1291-1306	6.8	38
192	Multiplex Eukaryotic Transcription (In)activation: Timing, Bursting and Cycling of a Ratchet Clock Mechanism. *PLoS Computational Biology*, **2015**, 11, e1004236	5	15
191	Dissecting high from low responders in a vitamin D3 intervention study. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 148, 275-82	5.1	28
190	Tracing the molecular basis of transcriptional dynamics in noisy data by using an experiment-based mathematical model. *Nucleic Acids Research*, **2015**, 43, 153-61	20.1	19
189	Vitamin D receptor signaling and its therapeutic implications: Genome-wide and structural view. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 311-8	2.4	30
188	Healthy Nordic diet downregulates the expression of genes involved in inflammation in subcutaneous adipose tissue in individuals with features of the metabolic syndrome. *American Journal of Clinical Nutrition*, **2015**, 101, 228-39	7	38
187	The transcriptional regulator BCL6 participates in the secondary gene regulatory response to vitamin D. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2015**, 1849, 300-8	6	20
186	Relevance of vitamin D receptor target genes for monitoring the vitamin D responsiveness of primary human cells. *PLoS ONE*, **2015**, 10, e0124339	3.7	44
185	What do we learn from the genome-wide perspective on vitamin D3?. *Anticancer Research*, **2015**, 35, 1143-51	2.3	11

184	Effects of a healthy Nordic diet on plasma 25-hydroxyvitamin D concentration in subjects with metabolic syndrome: a randomized, [corrected] controlled trial (SYSDIET). *European Journal of Nutrition*, **2014**, 53, 1123-34	5.2	12
183	Mechanisms of Gene Regulation **2014**,		10
182	The ASAP2 gene is a primary target of 1,25-dihydroxyvitamin D3 in human monocytes and macrophages. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 144 Pt A, 12-8	5.1	17
181	Primary vitamin D receptor target genes as biomarkers for the vitamin D3 status in the hematopoietic system. *Journal of Nutritional Biochemistry*, **2014**, 25, 875-84	6.3	24
180	Patterns of genome-wide VDR locations. *PLoS ONE*, **2014**, 9, e96105	3.7	93
179	The physiology of vitamin D-far more than calcium and bone. *Frontiers in Physiology*, **2014**, 5, 335	4.6	40
178	Genome-wide (over)view on the actions of vitamin D. *Frontiers in Physiology*, **2014**, 5, 167	4.6	86
177	Changes in vitamin D target gene expression in adipose tissue monitor the vitamin D response of human individuals. *Molecular Nutrition and Food Research*, **2014**, 58, 2036-45	5.9	29
176	From pharmacogenomics to integrated personal omics profiling: a gap in implementation into healthcare. *Personalized Medicine*, **2014**, 11, 625-629	2.2	3
175	Characterization of genomic vitamin D receptor binding sites through chromatin looping and opening. *PLoS ONE*, **2014**, 9, e96184	3.7	24
174	Switching Genes on and off: The Example of Nuclear Receptors **2014**, 91-104		
173	Chromatin Remodeling **2014**, 169-182		
172	Dynamics of 1,25-dihydroxyvitamin D3-dependent chromatin accessibility of early vitamin D receptor target genes. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2013**, 1829, 1266-75	6	40
171	Vitamin D receptor signaling mechanisms: integrated actions of a well-defined transcription factor. *Steroids*, **2013**, 78, 127-36	2.8	178
170	The gene for the transcription factor BHLHE40/DEC1/stra13 is a dynamically regulated primary target of the vitamin D receptor. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 136, 62-7	5.1	15
169	Gene regulatory scenarios of primary 1,25-dihydroxyvitamin d3 target genes in a human myeloid leukemia cell line. *Cancers*, **2013**, 5, 1221-41	6.6	15
168	Chromatin acetylation at transcription start sites and vitamin D receptor binding regions relates to effects of 1,25-dihydroxyvitamin D3 and histone deacetylase inhibitors on gene expression. *Nucleic Acids Research*, **2013**, 41, 110-24	20.1	66
167	Primary 1,25-dihydroxyvitamin D3 response of the interleukin 8 gene cluster in human monocyte- and macrophage-like cells. *PLoS ONE*, **2013**, 8, e78170	3.7	36

166	Primary vitamin D target genes allow a categorization of possible benefits of vitamin D supplementation. *PLoS ONE*, **2013**, 8, e71042	3.7	67
165	Inhibition of cytokine secretion from adipocytes by 1,25-dihydroxyvitamin D via the NF-B pathway. *FASEB Journal*, **2012**, 26, 4400-7	0.9	60
164	Vitamin D receptor ligands: the impact of crystal structures. *Expert Opinion on Therapeutic Patents*, **2012**, 22, 417-35	6.8	42
163	Genome-wide landscape of liver X receptor chromatin binding and gene regulation in human macrophages. *BMC Genomics*, **2012**, 13, 50	4.5	55
162	Differential effects of 1 25-dihydroxycholecalciferol on MCP-1 and adiponectin production in human white adipocytes. *European Journal of Nutrition*, **2012**, 51, 335-42	5.2	58
161	Dataset integration identifies transcriptional regulation of microRNA genes by PPAR in differentiating mouse 3T3-L1 adipocytes. *Nucleic Acids Research*, **2012**, 40, 4446-60	20.1	60
160	Current status of vitamin D signaling and its therapeutic applications. *Current Topics in Medicinal Chemistry*, **2012**, 12, 528-47	3	79
159	The need for education in personalized medicine. *Personalized Medicine*, **2012**, 9, 147-150	2.2	14
158	The first genome-wide view of vitamin D receptor locations and their mechanistic implications. *Anticancer Research*, **2012**, 32, 271-82	2.3	56
157	Mechanism of 1 25-dihydroxyvitamin D(3)-dependent repression of interleukin-12B. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2011**, 1813, 810-8	4.9	39
156	1,25-dihydroxyvitamin D3 influences cellular homocysteine levels in murine preosteoblastic MC3T3-E1 cells by direct regulation of cystathionine synthase. *Journal of Bone and Mineral Research*, **2011**, 26, 2991-3000	6.3	64
155	Epigenetic control of a VDR-governed feed-forward loop that regulates p21(waf1/cip1) expression and function in non-malignant prostate cells. *Nucleic Acids Research*, **2011**, 39, 2045-56	20.1	55
154	Cyclical regulation of the insulin-like growth factor binding protein 3 gene in response to 1alpha,25-dihydroxyvitamin D3. *Nucleic Acids Research*, **2011**, 39, 502-12	20.1	24
153	Dynamic nature of transcriptional regulation of nuclear receptor target genes in the context of chromatin organization. *Dermato-Endocrinology*, **2011**, 3, 125-129		1
152	Electrophilic nitro-fatty acids activate NRF2 by a KEAP1 cysteine 151-independent mechanism. *Journal of Biological Chemistry*, **2011**, 286, 14019-27	5.4	157
151	Cellular content of UDP-N-acetylhexosamines controls hyaluronan synthase 2 expression and correlates with O-linked N-acetylglucosamine modification of transcription factors YY1 and SP1. *Journal of Biological Chemistry*, **2011**, 286, 33632-40	5.4	53
150	Nuclear hormone 1 25-dihydroxyvitamin D3 elicits a genome-wide shift in the locations of VDR chromatin occupancy. *Nucleic Acids Research*, **2011**, 39, 9181-93	20.1	172
149	Target Genes of Vitamin D **2011**, 211-226		2

148	Dynamic nature of transcriptional regulation of nuclear receptor target genes in the context of chromatin organization. *Dermato-Endocrinology*, **2011**, 3, 125-9		1
147	Time-resolved expression profiling of the nuclear receptor superfamily in human adipogenesis. *PLoS ONE*, **2010**, 5, e12991	3.7	24
146	Design principles of nuclear receptor signaling: how complex networking improves signal transduction. *Molecular Systems Biology*, **2010**, 6, 446	12.2	26
145	Profiling of promoter occupancy by PPARalpha in human hepatoma cells via ChIP-chip analysis. *Nucleic Acids Research*, **2010**, 38, 2839-50	20.1	90
144	The Impact of Whole Genome In Silico Screening for Nuclear Receptor-Binding Sites in Systems Biology **2010**, 309-324		
143	The number of vitamin D receptor binding sites defines the different vitamin D responsiveness of the CYP24 gene in malignant and normal mammary cells. *Journal of Biological Chemistry*, **2010**, 285, 2417-83	5.4	31
142	The impact of transcriptional cycling on gene regulation. *Transcription*, **2010**, 1, 13-6	4.8	7
141	New Insights to Nuclear Receptor Gene Regulation from Analysis of their Response Elements in Target Genes **2010**, 419-437		
140	25-Hydroxyvitamin D(3) is an agonistic vitamin D receptor ligand. *Journal of Steroid Biochemistry and Molecular Biology*, **2010**, 118, 162-70	5.1	101
139	The down-regulation of the human MYC gene by the nuclear hormone 1alpha,25-dihydroxyvitamin D3 is associated with cycling of corepressors and histone deacetylases. *Journal of Molecular Biology* , **2010**, 400, 284-94	6.5	52
138	Dynamics of nuclear receptor target gene regulation. *Chromosoma*, **2010**, 119, 479-84	2.8	49
137	Primary effect of 1□25(OH)D□ on IL-10 expression in monocytes is short-term down-regulation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2010**, 1803, 1276-86	4.9	65
136	Molecular mechanism of allosteric communication in the human PPARalpha-RXRalpha heterodimer. *Proteins: Structure, Function and Bioinformatics*, **2010**, 78, 873-87	4.2	17
135	Diversity of Vitamin D Target Genes **2010**, 255-274		
134	Cyclical chromatin looping and transcription factor association on the regulatory regions of the p21 (CDKN1A) gene in response to 1alpha,25-dihydroxyvitamin D3. *Journal of Biological Chemistry*, **2009** , 284, 8073-82	5.4	85
133	Regulation of the hyaluronan synthase 2 gene by convergence in cyclic AMP response element-binding protein and retinoid acid receptor signaling. *Journal of Biological Chemistry*, **2009**, 284, 18270-81	5.4	39
132	Population-level transcription cycles derive from stochastic timing of single-cell transcription. *Cell*, **2009**, 138, 489-501	56.2	38
131	Cell cycle regulatory effects of retinoic Acid and forskolin are mediated by the cyclin C gene. *Journal of Molecular Biology*, **2009**, 393, 261-71	6.5	10

130	A genomic perspective on vitamin D signaling. *Anticancer Research*, **2009**, 29, 3485-93	2.3	76
129	DICKKOPF-4 is induced by TCF/beta-catenin and upregulated in human colon cancer, promotes tumour cell invasion and angiogenesis and is repressed by 1alpha,25-dihydroxyvitamin D3. *Oncogene*, **2008**, 27, 4467-77	9.2	134
128	Coordinate induction of PPAR alpha and SREBP2 in multifunctional protein 2 deficient mice. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2008**, 1781, 694-702	5	31
127	Distinct HDACs regulate the transcriptional response of human cyclin-dependent kinase inhibitor genes to Trichostatin A and 1alpha,25-dihydroxyvitamin D3. *Nucleic Acids Research*, **2008**, 36, 121-32	20.1	56
126	Variations in the ghrelin receptor gene associate with obesity and glucose metabolism in individuals with impaired glucose tolerance. *PLoS ONE*, **2008**, 3, e2941	3.7	26
125	A Role for the PPARgamma in Cancer Therapy. *PPAR Research*, **2008**, 2008, 314974	4.3	29
124	Screening for PPAR Responsive Regulatory Modules in Cancer. *PPAR Research*, **2008**, 2008, 749073	4.3	3
123	The vitamin D receptor. *Dermatologic Clinics*, **2007**, 25, 515-23, viii	4.2	33
122	Integration of the activation of the human hyaluronan synthase 2 gene promoter by common cofactors of the transcription factors retinoic acid receptor and nuclear factor kappaB. *Journal of Biological Chemistry*, **2007**, 282, 11530-9	5.4	36
121	Vitamins as hormones. *Hormone and Metabolic Research*, **2007**, 39, 71-84	3.1	121
120	Selective use of multiple vitamin D response elements underlies the 1 alpha,25-dihydroxyvitamin D3-mediated negative regulation of the human CYP27B1 gene. *Nucleic Acids Research*, **2007**, 35, 2734-47	20.1	85
119	Comprehensive analysis of PPARalpha-dependent regulation of hepatic lipid metabolism by expression profiling. *PPAR Research*, **2007**, 2007, 26839	4.3	159
118	Functional characterization of vitamin D responding regions in the human 5-Lipoxygenase gene. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2007**, 1771, 864-72	5	50
117	Controlling the chromatin organization of vitamin D target genes by multiple vitamin D receptor binding sites. *Journal of Steroid Biochemistry and Molecular Biology*, **2007**, 103, 338-43	5.1	30
116	Three members of the human pyruvate dehydrogenase kinase gene family are direct targets of the peroxisome proliferator-activated receptor beta/delta. *Journal of Molecular Biology*, **2007**, 372, 341-55	6.5	74
115	Subcellular localisation of BAG-1 and its regulation of vitamin D receptor-mediated transactivation and involucrin expression in oral keratinocytes: implications for oral carcinogenesis. *Experimental Cell Research*, **2007**, 313, 3222-38	4.2	12
114	Meta-analysis of primary target genes of peroxisome proliferator-activated receptors. *Genome Biology*, **2007**, 8, R147	18.3	59
113	Detailed molecular understanding of agonistic and antagonistic vitamin D receptor ligands. *Current Topics in Medicinal Chemistry*, **2006**, 6, 1243-53	3	32

112	Vitamin D receptor agonists specifically modulate the volume of the ligand-binding pocket. *Journal of Biological Chemistry*, **2006**, 281, 10516-26	5.4	40
111	The insulin-like growth factor-binding protein 1 gene is a primary target of peroxisome proliferator-activated receptors. *Journal of Biological Chemistry*, **2006**, 281, 39607-19	5.4	52
110	Regulation of the human p21(waf1/cip1) gene promoter via multiple binding sites for p53 and the vitamin D3 receptor. *Nucleic Acids Research*, **2006**, 34, 543-54	20.1	198
109	Analysis of the 5-lipoxygenase promoter and characterization of a vitamin D receptor binding site. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2006**, 1761, 686-97	5	24
108	An integrated biological approach to nuclear receptor signaling in physiological control and disease. *Critical Reviews in Eukaryotic Gene Expression*, **2006**, 16, 1-22	1.3	41
107	Epigenetic corruption of VDR signalling in malignancy. *Anticancer Research*, **2006**, 26, 2557-66	2.3	42
106	The impact of chromatin organization of vitamin D target genes. *Anticancer Research*, **2006**, 26, 2637-45	2.3	23
105	Regulation of multiple insulin-like growth factor binding protein genes by 1alpha,25-dihydroxyvitamin D3. *Nucleic Acids Research*, **2005**, 33, 5521-32	20.1	79
104	Antagonist- and inverse agonist-driven interactions of the vitamin D receptor and the constitutive androstane receptor with corepressor protein. *Molecular Endocrinology*, **2005**, 19, 2258-72		37
103	Identification of pregnane X receptor binding sites in the regulatory regions of genes involved in bile acid homeostasis. *Journal of Molecular Biology*, **2005**, 346, 505-19	6.5	61
102	The human peroxisome proliferator-activated receptor delta gene is a primary target of 1alpha,25-dihydroxyvitamin D3 and its nuclear receptor. *Journal of Molecular Biology*, **2005**, 349, 248-60	6.5	152
101	Spatio-temporal activation of chromatin on the human CYP24 gene promoter in the presence of 1alpha,25-Dihydroxyvitamin D3. *Journal of Molecular Biology*, **2005**, 350, 65-77	6.5	118
100	Gene regulatory potential of nonsteroidal vitamin D receptor ligands. *Molecular Endocrinology*, **2005**, 19, 2060-73		41
99	Regulation of the human cyclin C gene via multiple vitamin D3-responsive regions in its promoter. *Nucleic Acids Research*, **2005**, 33, 2440-51	20.1	57
98	The human hyaluronan synthase 2 gene is a primary retinoic acid and epidermal growth factor responding gene. *Journal of Biological Chemistry*, **2005**, 280, 14636-44	5.4	82
97	A role of melatonin in neuroectodermal-mesodermal interactions: the hair follicle synthesizes melatonin and expresses functional melatonin receptors. *FASEB Journal*, **2005**, 19, 1710-2	0.9	99
96	Structural determinants of the agonist-independent association of human peroxisome proliferator-activated receptors with coactivators. *Journal of Biological Chemistry*, **2005**, 280, 26543-56	5.4	51
95	Molecular Basis of the Diversity of Vitamin D Target Genes **2005**, 313-325		5

94	The highly conserved region of the co-repressor Sin3A functionally interacts with the co-repressor Alien. *Nucleic Acids Research*, **2004**, 32, 2995-3004	20.1	27
93	Agonist-dependent and agonist-independent transactivations of the human constitutive androstane receptor are modulated by specific amino acid pairs. *Journal of Biological Chemistry*, **2004**, 279, 33558-66	5.4	19
92	A structural basis for the species-specific antagonism of 26,23-lactones on vitamin D signaling. *Chemistry and Biology*, **2004**, 11, 1147-56		29
91	Using chromatin immunoprecipitation to monitor 1alpha,25-dihydroxyvitamin D3-dependent chromatin activity on the human CYP24 promoter. *Journal of Steroid Biochemistry and Molecular Biology*, **2004**, 89-90, 277-9	5.1	15
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