

Mark B Meyer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/771757/mark-b-meyer-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

2,543
citations

29
h-index

50
g-index

61
ext. papers

2,954
ext. citations

5.5
avg, IF

5.29
L-index

#	Paper	IF	Citations
60	Deletion of a putative promoter-proximal <i>Tnfsf11</i> regulatory region in mice does not alter bone mass or <i>Tnfsf11</i> expression in vivo. <i>PLoS ONE</i> , 2021 , 16, e0250974	3.7	2
59	Genomic Mechanisms Governing Mineral Homeostasis and the Regulation and Maintenance of Vitamin D Metabolism. <i>JBMR Plus</i> , 2021 , 5, e10433	3.9	1
58	Assessment of Mosaicism and Detection of Cryptic Alleles in CRISPR/Cas9-Engineered Neurofibromatosis Type 1 and Mutant Porcine Models Reveals Overlooked Challenges in Precision Modeling of Human Diseases. <i>Frontiers in Genetics</i> , 2021 , 12, 721045	4.5	1
57	β-Catenin Preserves the Stem State of Murine Bone Marrow Stromal Cells Through Activation of EZH2. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1149-1162	6.3	22
56	The unsettled science of nonrenal calcitriol production and its clinical relevance. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4519-4521	15.9	3
55	Deletion of Mediator 1 suppresses TGFβ signaling leading to changes in epidermal lineages and regeneration. <i>PLoS ONE</i> , 2020 , 15, e0238076	3.7	1
54	Mechanistic homeostasis of vitamin D metabolism in the kidney through reciprocal modulation of <i>Cyp27b1</i> and <i>Cyp24a1</i> expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 196, 105500	5.1	17
53	Deletion of Mediator 1 suppresses TGFβ signaling leading to changes in epidermal lineages and regeneration 2020 , 15, e0238076		
52	Deletion of Mediator 1 suppresses TGFβ signaling leading to changes in epidermal lineages and regeneration 2020 , 15, e0238076		
51	Deletion of Mediator 1 suppresses TGFβ signaling leading to changes in epidermal lineages and regeneration 2020 , 15, e0238076		
50	Deletion of Mediator 1 suppresses TGFβ signaling leading to changes in epidermal lineages and regeneration 2020 , 15, e0238076		
49	A chromatin-based mechanism controls differential regulation of the cytochrome P450 gene in renal and non-renal tissues. <i>Journal of Biological Chemistry</i> , 2019 , 294, 14467-14481	5.4	17
48	Targeted genomic deletions identify diverse enhancer functions and generate a kidney-specific, endocrine-deficient pseudo-null mouse. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9518-9535	5.4	19
47	A Control Region Near the Fibroblast Growth Factor 23 Gene Mediates Response to Phosphate, 1,25(OH) ₂ D ₃ , and LPS In Vivo. <i>Endocrinology</i> , 2019 , 160, 2877-2891	4.8	5
46	The Phosphorylated Estrogen Receptor (ER) Cistrome Identifies a Subset of Active Enhancers Enriched for Direct ER-DNA Binding and the Transcription Factor GRHL2. <i>Molecular and Cellular Biology</i> , 2019 , 39,	4.8	14
45	A Novel Distal Enhancer Mediates Inflammation-, PTH-, and Early Onset Murine Kidney Disease-Induced Expression of the Mouse Gene. <i>JBMR Plus</i> , 2018 , 2, 32-47	3.9	31
44	The impact of VDR expression and regulation in vivo. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 177, 36-45	5.1	17

43	Genome-Wide Perspectives on Vitamin D Receptor-Mediated Control of Gene Expression in Target Cells 2018 , 141-174		
42	Mesenchymal Differentiation, Epigenetic Dynamics, and Interactions With VDR 2018 , 227-243		
41	Class 3 semaphorins are transcriptionally regulated by 1,25(OH)D in osteoblasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 185-193	5.1	8
40	A kidney-specific genetic control module in mice governs endocrine regulation of the cytochrome P450 gene essential for vitamin D activation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 17541-17558	5.4	53
39	The vitamin D receptor: contemporary genomic approaches reveal new basic and translational insights. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1146-1154	15.9	81
38	Selective regulation of Mmp13 by 1,25(OH)D, PTH, and Osterix through distal enhancers. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 258-264	5.1	16
37	Epigenetic Plasticity Drives Adipogenic and Osteogenic Differentiation of Marrow-derived Mesenchymal Stem Cells. <i>Journal of Biological Chemistry</i> , 2016 , 291, 17829-47	5.4	109
36	Genomic Determinants of Vitamin D-Regulated Gene Expression. <i>Vitamins and Hormones</i> , 2016 , 100, 21-44	2.5	45
35	1,25-Dihydroxyvitamin D3 Controls a Cohort of Vitamin D Receptor Target Genes in the Proximal Intestine That Is Enriched for Calcium-regulating Components. <i>Journal of Biological Chemistry</i> , 2015 , 290, 18199-18215	5.4	65
34	Selective Distal Enhancer Control of the Mmp13 Gene Identified through Clustered Regularly Interspaced Short Palindromic Repeat (CRISPR) Genomic Deletions. <i>Journal of Biological Chemistry</i> , 2015 , 290, 11093-107	5.4	47
33	Epigenetic histone modifications and master regulators as determinants of context dependent nuclear receptor activity in bone cells. <i>Bone</i> , 2015 , 81, 757-764	4.7	28
32	Mechanisms of Enhancer-mediated Hormonal Control of Vitamin D Receptor Gene Expression in Target Cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 30573-86	5.4	19
31	The parathyroid hormone-regulated transcriptome in osteocytes: parallel actions with 1,25-dihydroxyvitamin D3 to oppose gene expression changes during differentiation and to promote mature cell function. <i>Bone</i> , 2015 , 72, 81-91	4.7	27
30	Transcriptional regulation of the human TNFSF11 gene in T cells via a cell type-selective set of distal enhancers. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 320-30	4.7	23
29	1,25-Dihydroxyvitamin D regulates expression of the tryptophan hydroxylase 2 and leptin genes: implication for behavioral influences of vitamin D. <i>FASEB Journal</i> , 2015 , 29, 4023-35	0.9	103
28	Profiling histone modifications by chromatin immunoprecipitation coupled to deep sequencing in skeletal cells. <i>Methods in Molecular Biology</i> , 2015 , 1226, 61-70	1.4	4
27	Fundamentals of vitamin D hormone-regulated gene expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 5-11	5.1	86
26	The RUNX2 cistrome in osteoblasts: characterization, down-regulation following differentiation, and relationship to gene expression. <i>Journal of Biological Chemistry</i> , 2014 , 289, 16016-31	5.4	86

25	The osteoblast to osteocyte transition: epigenetic changes and response to the vitamin D3 hormone. <i>Molecular Endocrinology</i> , 2014 , 28, 1150-65		86
24	CARM1 methylates chromatin remodeling factor BAF155 to enhance tumor progression and metastasis. <i>Cancer Cell</i> , 2014 , 25, 21-36	24.3	159
23	Regulation of gene expression by 1,25-dihydroxyvitamin D3 in bone cells: exploiting new approaches and defining new mechanisms. <i>BoneKey Reports</i> , 2014 , 3, 482		54
22	Genomic determinants of gene regulation by 1,25-dihydroxyvitamin D3 during osteoblast-lineage cell differentiation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19539-54	5.4	78
21	1,25-Dihydroxyvitamin D3 induced histone profiles guide discovery of VDR action sites. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 19-21	5.1	17
20	Corepressors (NCoR and SMRT) as well as coactivators are recruited to positively regulated 1,25-dihydroxyvitamin D3-responsive genes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 136, 120-4	5.1	37
19	1,25-Dihydroxyvitamin D3 and the aging-related forkhead box O and sestrin proteins in osteoblasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 136, 112-9	5.1	26
18	Regulation of target gene expression by the vitamin D receptor - an update on mechanisms. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2012 , 13, 45-55	10.5	81
17	Regulation of mouse Cyp24a1 expression via promoter-proximal and downstream-distal enhancers highlights new concepts of 1,25-dihydroxyvitamin D(3) action. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 523, 2-8	4.1	34
16	The learning curve of robotic lobectomy. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2012 , 8, 448-52	2.9	60
15	Mechanical strain downregulates C/EBP β in MSC and decreases endoplasmic reticulum stress. <i>PLoS ONE</i> , 2012 , 7, e51613	3.7	25
14	1,25-Dihydroxyvitamin D3 2012 , 1681-1709		1
13	VDR/RXR and TCF4/ β -catenin cisomes in colonic cells of colorectal tumor origin: impact on c-FOS and c-MYC gene expression. <i>Molecular Endocrinology</i> , 2012 , 26, 37-51		154
12	The mouse RANKL gene locus is defined by a broad pattern of histone H4 acetylation and regulated through distinct distal enhancers. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2030-45	4.7	30
11	Mouse Rankl expression is regulated in T cells by c-Fos through a cluster of distal regulatory enhancers designated the T cell control region. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20880-91	5.4	39
10	The Vitamin D Receptor: Biochemical, Molecular, Biological, and Genomic Era Investigations 2011 , 97-135		6
9	A downstream intergenic cluster of regulatory enhancers contributes to the induction of CYP24A1 expression by 1 α ,25-dihydroxyvitamin D3. <i>Journal of Biological Chemistry</i> , 2010 , 285, 15599-15610	5.4	109
8	Multifunctional enhancers regulate mouse and human vitamin D receptor gene transcription. <i>Molecular Endocrinology</i> , 2010 , 24, 128-47		109

7	Genome-wide analysis of the VDR/RXR cistrome in osteoblast cells provides new mechanistic insight into the actions of the vitamin D hormone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 136-41	5.1	96
6	Emerging regulatory paradigms for control of gene expression by 1,25-dihydroxyvitamin D3. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 130-5	5.1	41
5	The enhanced hypercalcemic response to 20-epi-1,25-dihydroxyvitamin D3 results from a selective and prolonged induction of intestinal calcium-regulating genes. <i>Endocrinology</i> , 2009 , 150, 3448-56	4.8	20
4	A novel distal enhancer mediates cytokine induction of mouse RANKL gene expression. <i>Molecular Endocrinology</i> , 2009 , 23, 2095-110		39
3	Molecular actions of 1,25-dihydroxyvitamin D3 on genes involved in calcium homeostasis. <i>Journal of Bone and Mineral Research</i> , 2007 , 22 Suppl 2, V16-9	6.3	55
2	Characterizing early events associated with the activation of target genes by 1,25-dihydroxyvitamin D3 in mouse kidney and intestine in vivo. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22344-52	5.4	69
1	The human transient receptor potential vanilloid type 6 distal promoter contains multiple vitamin D receptor binding sites that mediate activation by 1,25-dihydroxyvitamin D3 in intestinal cells. <i>Molecular Endocrinology</i> , 2006 , 20, 1447-61		168