

Annemieke Verstuyf

List of Publications by Year in Descending Order

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

65
papers

3,488
citations

20
h-index

59
g-index

70
ext. papers

4,155
ext. citations

5.8
avg, IF

5.21
L-index

#	Paper	IF	Citations
65	Local nebulization of 1,25(OH) ₂ D attenuates LPS-induced acute lung inflammation.. <i>Respiratory Research</i> , 2022 , 23, 76	7.3	2
64	The role of vitamin D in breast cancer risk and progression.. <i>Endocrine-Related Cancer</i> , 2021 ,	5.7	5
63	Lithocholic acid-based design of noncalcemic vitamin D receptor agonists. <i>Bioorganic Chemistry</i> , 2021 , 111, 104878	5.1	1
62	The curious fate of bone following bariatric surgery: bone effects of sleeve gastrectomy (SG) and Roux-en-Y gastric bypass (RYGB) in mice. <i>International Journal of Obesity</i> , 2020 , 44, 2165-2176	5.5	0
61	Vitamin D Effect on Immune Function. <i>Nutrients</i> , 2020 , 12,	6.7	87
60	Vitamin D Modulates the Response of Bronchial Epithelial Cells Exposed to Cigarette Smoke Extract. <i>Nutrients</i> , 2019 , 11,	6.7	7
59	Vdr expression in osteoclast precursors is not critical in bone homeostasis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 195, 105478	5.1	7
58	WY 1048, a 17-methyl 19-nor D-ring analog of vitamin D, in combination with risedronate restores bone mass in a mouse model of postmenopausal osteoporosis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 188, 124-130	5.1	2
57	Thin bones: Vitamin D and calcium handling after bariatric surgery. <i>Bone Reports</i> , 2018 , 8, 57-63	2.6	28
56	Analogs of Calcitriol 2018 , 583-614		2
55	Enzymatic Desymmetrization of 19-nor-Vitamin D ₃ A-Ring Synthon Precursor: Synthesis, Structure Elucidation, and Biological Activity of 1,25-Dihydroxy-3-epi-19-nor-vitamin D ₃ and 1,25-Dihydroxy-19-nor-vitamin D ₃ . <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2762-2772	5.6	4
54	A-Ring-Modified 2-Hydroxyethylidene Previtamin D ₃ Analogues: Synthesis and Biological Evaluation. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 504-513	3.2	4
53	1,25-Dihydroxyvitamin D: A new vitamin D metabolite in human serum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 341-348	5.1	14
52	Class 3 semaphorins are transcriptionally regulated by 1,25(OH) ₂ D in osteoblasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 185-193	5.1	8
51	Impact on Experimental Colitis of Vitamin D Receptor Deletion in Intestinal Epithelial or Myeloid Cells. <i>Endocrinology</i> , 2017 , 158, 2354-2366	4.8	19
50	Semaphorin signaling in bone. <i>Molecular and Cellular Endocrinology</i> , 2016 , 432, 66-74	4.4	27
49	Effect of a transcriptional inactive or absent vitamin D receptor on beta-cell function and glucose homeostasis in mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 309-317	5.1	9

48	Vitamin D: Metabolism, Molecular Mechanism of Action, and Pleiotropic Effects. <i>Physiological Reviews</i> , 2016 , 96, 365-408	47.9	804
47	Is Vitamin D2 Really Bioequivalent to Vitamin D3?. <i>Endocrinology</i> , 2016 , 157, 3384-7	4.8	13
46	The proapoptotic protein Bim is up regulated by 1 α ,25-dihydroxyvitamin D3 and its receptor agonist in endothelial cells and transformed by viral GPCR associated to Kaposi sarcoma. <i>Steroids</i> , 2015 , 102, 85-91	2.8	7
45	Remodeling of phospholipid composition in colon cancer cells by 1 α ,25(OH) ₂ D ₃ and its analogs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 148, 172-8	5.1	9
44	Vitamin D3 Induces Tolerance in Human Dendritic Cells by Activation of Intracellular Metabolic Pathways. <i>Cell Reports</i> , 2015 , 10, 711-725	10.6	147
43	Vitamin D and energy homeostasis: of mice and men. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 79-87	15.2	83
42	The future of vitamin D analogs. <i>Frontiers in Physiology</i> , 2014 , 5, 122	4.6	95
41	Dietary supplementation with high doses of regular vitamin D3 safely reduces diabetes incidence in NOD mice when given early and long term. <i>Diabetes</i> , 2014 , 63, 2026-36	0.9	53
40	Cell cycle arrest and apoptosis induced by 1 α ,25(OH) ₂ D ₃ and TX 527 in Kaposi sarcoma is VDR dependent. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 197-200	5.1	15
39	1,25-Dihydroxyvitamin D3 and its analog TX527 promote a stable regulatory T cell phenotype in T cells from type 1 diabetes patients. <i>PLoS ONE</i> , 2014 , 9, e109194	3.7	39
38	Synthesis of 2-Ethyl-19-nor Analogs of 1 α ,25-Dihydroxyvitamin D3. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 728-735	3.2	4
37	Vitamin D and cancer. <i>Cell Cycle</i> , 2013 , 12, 1018	4.7	1
36	The vitamin d receptor in thyroid development and function. <i>European Thyroid Journal</i> , 2012 , 1, 168-75	4.2	10
35	Analogues of Calcitriol 2011 , 1461-1487		4
34	CD-ring modified vitamin D3 analogs and their superagonistic action. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 417-9	5.1	16
33	Vitamin D: a pleiotropic hormone. <i>Kidney International</i> , 2010 , 78, 140-5	9.9	216
32	Vitamin D and Bone 2010 , 243-253		
31	Synthesis of 1 α ,25-dihydroxyvitamin D analogues featuring a S(2)-symmetric CD-ring core. <i>Molecules</i> , 2009 , 14, 894-903	4.8	3

30	Development of Analogues of 1 α ,25-Dihydroxyvitamin D ₃ with Biased Side-Chain Orientation: C20 Methylated Des-C,D-homo Analogues. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1720-1737	3-2	7
29	Synthesis of 22-oxaspiro[4.5]decane CD-ring modified analogs of 1 α ,25-dihydroxyvitamin D ₃ . <i>Tetrahedron Letters</i> , 2009 , 50, 4174-4177	2	8
28	Synthesis, conformational analysis, and biological evaluation of 19-nor-vitamin D ₃ analogues with A-ring modifications. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 6158-62	8.3	14
27	Antiproliferative and calcemic actions of trans-decalin CD-ring analogs of 1,25-dihydroxyvitamin D ₃ . <i>Anticancer Research</i> , 2009 , 29, 3579-84	2.3	8
26	Vitamin D and human health: lessons from vitamin D receptor null mice. <i>Endocrine Reviews</i> , 2008 , 29, 726-76	27.2	1172
25	Synthesis and biological activity of previtamin D(3) analogues with A-ring modifications. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 10244-50	3-4	7
24	Superagonistic fluorinated vitamin D ₃ analogs stabilize helix 12 of the vitamin D receptor. <i>Chemistry and Biology</i> , 2008 , 15, 1029-34		43
23	Synthesis and biological evaluation of new 6-s-cis locked 1,2,25-trihydroxyprevitamin D ₃ analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 4193-202	3-4	9
22	The development of CD-ring modified analogs of 1 α ,25-dihydroxyvitamin D. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 206-12	5.1	10
21	Synthesis of spiro[4.5]decane CF-ring analogues of 1 α ,25-dihydroxyvitamin D ₃ . <i>Organic Letters</i> , 2006 , 8, 4247-50	6.2	15
20	Novel A-ring homodimeric C-3-carbamate analogues of 1 α ,25-dihydroxyvitamin D ₃ : synthesis and preliminary biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 7512-9	3-4	8
19	Versatile synthesis and biological evaluation of 1,3-diamino-substituted 1 α ,25-dihydroxyvitamin D ₃ analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 928-37	3-4	4
18	The Vitamin D Hormone and its Nuclear Receptor: Mechanisms Involved in Bone Biology 2006 , 307-325		2
17	Superagonistic action of 14-epi-analogs of 1,25-dihydroxyvitamin D explained by vitamin D receptor-coactivator interaction. <i>Molecular Pharmacology</i> , 2005 , 67, 1566-73	4.3	63
16	Altered Vitamin D receptor-coactivator interactions reflect superagonism of Vitamin D analogs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 97, 65-8	5.1	10
15	Mechanisms for the selective action of Vitamin D analogs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 97, 21-30	5.1	49
14	Synthesis of 2-Methyl and Ethyl-Substituted 19-nor-1 α ,25-Dihydroxyvitamin D ₃ Analogues via the Cyclovitamin Strategy. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 4414-4427	3-2	3
13	Chemoenzymatic synthesis and biological evaluation of C-3 carbamate analogues of 1 α ,25-dihydroxyvitamin D ₃ . <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 5443-51	3-4	7

12	Synthesis and biological activity of 22-oxa CD-ring modified analogues of 1alpha,25-dihydroxyvitamin D3: spiro[5.5]undecane CF-ring analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3889-92	2.9	9
11	Synthesis and biological activity of 22-oxa CD-ring modified analogues of 1alpha,25-dihydroxyvitamin D3: cis-perhydrindane CE-ring analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3885-8	2.9	9
10	The effects of 1alpha,25-dihydroxyvitamin D3 on the expression of DNA replication genes. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 133-46	6.3	57
9	Previtamin D3 with a trans-fused decalin CD-ring has pronounced genomic activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 35476-82	5.4	13
8	Synthesis, biological activity, and conformational analysis of CD-ring modified trans-decalin 1 alpha,25-dihydroxyvitamin D analogs. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 257-67	3.9	34
7	Vitamin D(3): synthesis of seco C-9,11,21-trisnor-17-methyl-1 alpha, 25-dihydroxyvitamin D(3) analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1629-32	2.9	11
6	Vitamin D(3): synthesis of seco-C-9,11-bisnor-17-methyl-1 alpha,25-dihydroxyvitamin D(3) analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1633-6	2.9	13
5	Development of analogues of 1alpha,25-dihydroxyvitamin D3 with biased side chain orientation: methylated des-C,D-homo analogues. <i>Chemistry - A European Journal</i> , 2001 , 7, 520-32	4.8	17
4	Interaction of two novel 14-epivitamin D3 analogs with vitamin D3 receptor-retinoid X receptor heterodimers on vitamin D3 responsive elements. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 625-38	6.3	26
3	Biological activity of CD-ring modified 1alpha,25-dihydroxyvitamin D analogues: C-ring and five-membered D-ring analogues. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 237-52	6.3	34
2	Synthesis, biological activity, and conformational analysis of four seco-D-15,19-bisnor-1alpha,25-dihydroxyvitamin D analogues, diastereomeric at C17 and C20. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 3539-56	8.3	29
1	The biological activity of nonsteroidal vitamin D hormone analogs lacking both the C- and D-rings. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 549-58	6.3	50