

Martijn H J Van Den Bosch

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,214
citations

430874

18
h-index

395702

33
g-index

55
all docs

55
docs citations

55
times ranked

1543
citing authors

#	ARTICLE	IF	CITATIONS
1	A human in vitro 3D neo-cartilage model to explore the response of OA risk genes to hyper-physiological mechanical stress. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100231.	2.0	8
2	Osteoarthritis year in review 2020: biology. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 143-150.	1.3	111
3	The role of inflammation in mesenchymal stromal cell therapy in osteoarthritis, perspectives for post-traumatic osteoarthritis: a review. <i>Rheumatology</i> , 2021, 60, 1042-1053.	1.9	15
4	S100A8/A9 is not essential for the development of inflammation and joint pathology in interleukin-1 receptor antagonist knockout mice. <i>Arthritis Research and Therapy</i> , 2021, 23, 216.	3.5	3
5	Novel high-intensive cholesterol-lowering therapies do not ameliorate knee OA development in humanized dyslipidemic mice. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1314-1323.	1.3	6
6	A single dose of anti-IL-1 β antibodies prevents Western diet-induced immune activation during early stage collagenase-induced osteoarthritis, but does not ameliorate end-stage pathology. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1462-1473.	1.3	3
7	Nox2 Deficiency Reduces Cartilage Damage and Ectopic Bone Formation in an Experimental Model for Osteoarthritis. <i>Antioxidants</i> , 2021, 10, 1660.	5.1	7
8	High LDL levels lessen bone destruction during antigen-induced arthritis by inhibiting osteoclast formation and function. <i>Bone</i> , 2020, 130, 115140.	2.9	4
9	Increase in the Number of Bone Marrow Osteoclast Precursors at Different Skeletal Sites, Particularly in Long Bone and Jaw Marrow in Mice Lacking IL-1RA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3774.	4.1	6
10	Identifying effector molecules, cells, and cytokines of innate immunity in OA. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 532-543.	1.3	64
11	Macrophage-Derived Extracellular Vesicles as Carriers of Alarmins and Their Potential Involvement in Bone Homeostasis. <i>Frontiers in Immunology</i> , 2019, 10, 1901.	4.8	37
12	The alarmin S100A9 hampers osteoclast differentiation from human circulating precursors by reducing the expression of RANK. <i>FASEB Journal</i> , 2019, 33, 10104-10115.	0.5	9
13	Fc-gamma receptors and S100A8/A9 cause bone erosion during rheumatoid arthritis. Do they act as partners in crime?. <i>Rheumatology</i> , 2019, 58, 1331-1343.	1.9	14
14	IL-1 β -Mediated Activation of Adipose-Derived Mesenchymal Stromal Cells Results in PMN Reallocation and Enhanced Phagocytosis: A Possible Mechanism for the Reduction of Osteoarthritis Pathology. <i>Frontiers in Immunology</i> , 2019, 10, 1075.	4.8	16
15	THU0039â€¦THE RELATION BETWEEN THE INFLAMMATORY STATUS OF HUMAN END STAGE OSTEOARTHROTIC SYNOVIUM AND LEVELS OF LOW DENSITY LIPOPROTEIN. , 2019, , .		0
16	OPO305â€¦THE ALARMIN S100A9 HAMPERS OSTEOCLAST DIFFERENTIATION FROM CIRCULATING PRECURSORS BY REDUCING THE EXPRESSION OF RANK. , 2019, , .		0
17	FRI0527â€¦HIGH LDL LEVELS LESSEN BONE DESTRUCTION DURING ANTIGEN-INDUCED ARTHRITIS BY INHIBITING OSTEOCLAST FORMATION AND FUNCTION. , 2019, , .		0
18	FRI0528â€¦HIGH INTENSIVE THERAPEUTIC LOWERING OF SYSTEMIC CHOLESTEROL DOES NOT AMELIORATE OA DEVELOPMENT IN KNEE JOINTS OF HUMANIZED DYSLIPIDEMIC MICE. , 2019, , .		1

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19	Inflammation in osteoarthritis: is it time to dampen the alarm(in) in this debilitating disease?. <i>Clinical and Experimental Immunology</i> , 2019, 195, 153-166.	2.6	79
20	Increased WISP1 expression in human osteoarthritic articular cartilage is epigenetically regulated and decreases cartilage matrix production. <i>Rheumatology</i> , 2019, 58, 1065-1074.	1.9	13
21	High LDL-C levels attenuate onset of inflammation and cartilage destruction in antigen-induced arthritis. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 983-993.	0.8	1
22	Imaging, myeloid precursor immortalization, and genome editing for defining mechanisms of leukocyte recruitment <i>in vivo</i> . <i>Theranostics</i> , 2018, 8, 2407-2423.	10.0	23
23	The role of NOX2-derived reactive oxygen species in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1722-1732.	1.3	14
24	Fc γ 3 receptor-mediated influx of S100A8/A9-producing neutrophils as inducer of bone erosion during antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 80.	3.5	13
25	SAT0012...S100A8/A9 increases the mobilization of LY6C high monocytes to the synovium during experimental osteoarthritis. , 2017, , .		0
26	WISP1/CCN4 aggravates cartilage degeneration in experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1900-1911.	1.3	34
27	Brief Report: Induction of Matrix Metalloproteinase Expression by Synovial Wnt Signaling and Association With Disease Progression in Early Symptomatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 1978-1983.	5.6	26
28	S100A8/A9 increases the mobilization of Ly6C high monocytes to the synovium during experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S47-S48.	1.3	1
29	Interleukin-1 is not involved in synovial inflammation and cartilage destruction in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 385-396.	1.3	52
30	01.01...S100A8/a9 increases the mobilisation of LY6C high monocytes to the synovium during experimental osteoarthritis. , 2017, , .		0
31	S100A8/A9 increases the mobilization of pro-inflammatory Ly6Chigh monocytes to the synovium during experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 217.	3.5	31
32	08.32...Fc gamma receptor iv enhances bone erosion in experimental arthritis by promoting influx of pmns. , 2017, , .		0
33	S100A8/A9, a potent serum and molecular imaging biomarker for synovial inflammation and joint destruction in seronegative experimental arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 247.	3.5	20
34	WISP1, a downstream mediator of canonical WNT signaling, induces pathology in experimental osteoarthritis and predicts disease progression in early osteoarthritis patients.. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S52-S53.	1.3	0
35	Differential synovial expression patterns in early osteoarthritis patients are associated with pain and with progression of joint damage. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S323.	1.3	0
36	Alarmin S100A9 Induces Proinflammatory and Catabolic Effects Predominantly in the M1 Macrophages of Human Osteoarthritic Synovium. <i>Journal of Rheumatology</i> , 2016, 43, 1874-1884.	2.0	58

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37	Induction of Canonical Wnt Signaling by the Alarmins S100A8/A9 in Murine Knee Joints: Implications for Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 152-163.	5.6	29
38	High LDL levels lead to increased synovial inflammation and accelerated ectopic bone formation during experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 844-855.	1.3	53
39	Wnts talking with the TGF- β 2 superfamily: WISPs about modulation of osteoarthritis. <i>Rheumatology</i> , 2016, 55, 1536-1547.	1.9	28
40	Alarmins S100A8/S100A9 aggravate osteophyte formation in experimental osteoarthritis and predict osteophyte progression in early human symptomatic osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 218-225.	0.9	73
41	Prophylactic treatment with S100A9 inhibitor paquinimod reduces pathology in experimental collagenase-induced osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 2254-2258.	0.9	69
42	Induction of Canonical Wnt Signaling by Synovial Overexpression of Selected Wnts Leads to Protease Activity and Early Osteoarthritis-Like Cartilage Damage. <i>American Journal of Pathology</i> , 2015, 185, 1970-1980.	3.8	55
43	S100 proteins induce canonical Wnt signaling, which causes increased expression of MMPs in the synovium. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A49-A50.	1.3	0
44	Differential synovial expression patterns between patients with progression of cartilage damage and progression of osteophyte formation in early osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A382-A383.	1.3	0
45	A5.11...alarmins S100A8/S100A9 stimulate osteophyte formation in experimental osteoarthritis and predict osteophyte progression in early human osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A67.2-A67.	0.9	0
46	Canonical Wnt signaling skews TGF- β 2 signaling in chondrocytes towards signaling via ALK1 and Smad 1/5/8. <i>Cellular Signalling</i> , 2014, 26, 951-958.	3.6	64
47	Identification of synovial genes and pathways associated with disease progression in a cohort of early osteoarthritis patients (check). <i>Osteoarthritis and Cartilage</i> , 2014, 22, S23-S24.	1.3	2
48	Alarmins S100A8/S100A9 stimulate osteophyte formation in experimental osteoarthritis and predict osteophyte progression in the check cohort of early human osteoarthritis patients. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S303.	1.3	2
49	A9.13...systemic LDL cholesterol-accumulation during experimental oa leads to increased synovial thickening, s100a8/9 production and ectopic bone formation. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A97.1-A97.	0.9	0
50	Synovial Wnt and WISP1 expression induces cartilage damage by skewing of TGF-beta signaling via the canonical Wnt signaling pathway. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S54.	1.3	1
51	Transcriptomics on synovial specimen of early human (check) and experimental OA to identify pathways and processes associated with cartilage damage. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S42-S43.	1.3	1
52	Alarmins S100A8 and S100A9 elicit a catabolic effect in human osteoarthritic chondrocytes that is dependent on Toll-like receptor 4. <i>Arthritis and Rheumatism</i> , 2012, 64, 1477-1487.	6.7	168
53	Microarray studies of synovial specimen of early human (check) and experimental OA identify pathways and processes associated with cartilage damage. <i>Osteoarthritis and Cartilage</i> , 2012, 20, S41-S42.	1.3	0
54	Alarmins S100A8 and S100A9 Elicit a Higher Catabolic Response in Osteoarthritic Chondrocytes Compared to Normal Chondrocytes that is Toll Like Receptor 4 Dependent. <i>Annals of Paediatric Rheumatology</i> , 2012, 1, 23.	0.0	0

#	ARTICLE	IF	CITATIONS
55	055 SYNOVIAL EXPRESSION OF CANONICAL WNT INDUCES CHONDROCYTE PHENOTYPE CHANGE AND OA-LIKE CARTILAGE DAMAGE. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S32-S33.	1.3	0