

Arjen B Blom

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,039
citations

430874

18
h-index

377865

34
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all docs

40
docs citations

40
times ranked

2706
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	Identification of Transcription Factors Responsible for a Transforming Growth Factor- β -Driven Hypertrophy-like Phenotype in Human Osteoarthritic Chondrocytes. <i>Cells</i> , 2022, 11, 1232.	4.1	9
3	Innate Immunity at the Core of Sex Differences in Osteoarthritic Pain?. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	4
4	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
5	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
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	The alarmins S100A8 and S100A9 mediate acute pain in experimental synovitis. <i>Arthritis Research and Therapy</i> , 2020, 22, 199.	3.5	7
10	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
11	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
12	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
13	OP0305â€¦THE ALARMIN S100A9 HAMPERS OSTEOCLAST DIFFERENTIATION FROM CIRCULATING PRECURSORS BY REDUCING THE EXPRESSION OF RANK. , 2019, , .		0
14	FRI0527â€¦HIGH LDL LEVELS LESSEN BONE DESTRUCTION DURING ANTIGEN-INDUCED ARTHRITIS BY INHIBITING OSTEOCLAST FORMATION AND FUNCTION. , 2019, , .		0
15	FRI0528â€¦HIGH INTENSIVE THERAPEUTIC LOWERING OF SYSTEMIC CHOLESTEROL DOES NOT AMELIORATE OA DEVELOPMENT IN KNEE JOINTS OF HUMANIZED DYSLIPIDEMIC MICE. , 2019, , .		1
16	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
17	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
18	The role of NOX2-derived reactive oxygen species in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1722-1732.	1.3	14

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19	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
20	CXCR3/CXCL10 Axis Regulates Neutrophil-NK Cell Cross-Talk Determining the Severity of Experimental Osteoarthritis. <i>Journal of Immunology</i> , 2017, 198, 2115-2124.	0.8	61
21	WISP1/CCN4 aggravates cartilage degeneration in experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1900-1911.	1.3	34
22	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
23	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
24	01.01...S100A8/a9 increases the mobilisation of LY6C high monocytes to the synovium during experimental osteoarthritis. , 2017, , .		0
25	07.07...Increased expression of ccn4/wisp1 in osteoarthritic articular cartilage is epigenetically regulated and disrupts cartilage homeostasis. , 2017, , .		0
26	02.26...Increased expression of s100a9 regulates pain response during experimentally induced acute synovitis. , 2017, , .		0
27	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
28	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
29	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
30	Disease-Regulated Gene Therapy with Anti-Inflammatory Interleukin-10 Under the Control of the CXCL10 Promoter for the Treatment of Rheumatoid Arthritis. <i>Human Gene Therapy</i> , 2016, 27, 244-254.	2.7	54
31	Wnts talking with the TGF- β 2 superfamily: WISPs about modulation of osteoarthritis. <i>Rheumatology</i> , 2016, 55, 1536-1547.	1.9	28
32	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
33	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
34	Antiinflammatory and chondroprotective effects of intraarticular injection of adipose-derived stem cells in experimental osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3604-3613.	6.7	286
35	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
36	Active involvement of alarmins S100A8 and S100A9 in the regulation of synovial activation and joint destruction during mouse and human osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1466-1476.	6.7	167

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37	S100A8 causes a shift toward expression of activatory Fc γ 3 receptors on macrophages via toll-like receptor 4 and regulates Fc γ 3 receptor expression in synovium during chronic experimental arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3353-3364.	6.7	43
38	Involvement of the Wnt signaling pathway in experimental and human osteoarthritis: Prominent role of Wnt-induced signaling protein 1. <i>Arthritis and Rheumatism</i> , 2009, 60, 501-512.	6.7	200
39	Increase in ALK1/ALK5 Ratio as a Cause for Elevated MMP-13 Expression in Osteoarthritis in Humans and Mice. <i>Journal of Immunology</i> , 2009, 182, 7937-7945.	0.8	251
40	Synovial lining macrophages mediate osteophyte formation during experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 627-635.	1.3	299