Arjen B Blom

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2209465/publications.pdf

Version: 2024-02-01

40	2,039	430874 18	377865 34
papers	citations	h-index	g-index

40	40	40	2706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synovial lining macrophages mediate osteophyte formation during experimental osteoarthritis. Osteoarthritis and Cartilage, 2004, 12, 627-635.	1.3	299
2	Antiinflammatory and chondroprotective effects of intraarticular injection of adiposeâ€derived stem cells in experimental osteoarthritis. Arthritis and Rheumatism, 2012, 64, 3604-3613.	6.7	286
3	Increase in ALK1/ALK5 Ratio as a Cause for Elevated MMP-13 Expression in Osteoarthritis in Humans and Mice. Journal of Immunology, 2009, 182, 7937-7945.	0.8	251
4	Involvement of the Wnt signaling pathway in experimental and human osteoarthritis: Prominent role of Wntâ€induced signaling protein 1. Arthritis and Rheumatism, 2009, 60, 501-512.	6.7	200
5	Alarmins S100A8 and S100A9 elicit a catabolic effect in human osteoarthritic chondrocytes that is dependent on Tollâ€like receptor 4. Arthritis and Rheumatism, 2012, 64, 1477-1487.	6.7	168
6	Active involvement of alarmins S100A8 and S100A9 in the regulation of synovial activation and joint destruction during mouse and human osteoarthritis. Arthritis and Rheumatism, 2012, 64, 1466-1476.	6.7	167
7	Canonical Wnt signaling skews TGF-Î² signaling in chondrocytes towards signaling via ALK1 and Smad 1/5/8. Cellular Signalling, 2014, 26, 951-958.	3.6	64
8	CXCR3/CXCL10 Axis Regulates Neutrophilâ€“NK Cell Cross-Talk Determining the Severity of Experimental Osteoarthritis. Journal of Immunology, 2017, 198, 2115-2124.	0.8	61
9	Alarmin S100A9 Induces Proinflammatory and Catabolic Effects Predominantly in the M1 Macrophages of Human Osteoarthritic Synovium. Journal of Rheumatology, 2016, 43, 1874-1884.	2.0	58
10	Induction of Canonical Wnt Signaling by Synovial Overexpression of Selected Wnts Leads to Protease Activity and Early Osteoarthritis-Like Cartilage Damage. American Journal of Pathology, 2015, 185, 1970-1980.	3.8	55
11	Disease-Regulated Gene Therapy with Anti-Inflammatory Interleukin-10 Under the Control of the CXCL10 Promoter for the Treatment of Rheumatoid Arthritis. Human Gene Therapy, 2016, 27, 244-254.	2.7	54
12	Interleukin-1 is not involved in synovial inflammation and cartilage destruction in collagenase-induced osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 385-396.	1.3	52
13	S100A8 causes a shift toward expression of activatory FcÎ³ receptors on macrophages via tollâ€like receptor 4 and regulates FcÎ³ receptor expression in synovium during chronic experimental arthritis. Arthritis and Rheumatism, 2010, 62, 3353-3364.	6.7	43
14	WISP1/CCN4 aggravates cartilage degeneration in experimental osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1900-1911.	1.3	34
15	S100A8/A9 increases the mobilization of pro-inflammatory Ly6Chigh monocytes to the synovium during experimental osteoarthritis. Arthritis Research and Therapy, 2017, 19, 217.	3.5	31
16	Induction of Canonical Wnt Signaling by the Alarmins S100A8/A9 in Murine Knee Joints: Implications for Osteoarthritis. Arthritis and Rheumatology, 2016, 68, 152-163.	5.6	29
17	Wnts talking with the TGF-Î² superfamily: WISPers about modulation of osteoarthritis. Rheumatology, 2016, 55, 1536-1547.	1.9	28
18	Brief Report: Induction of Matrix Metalloproteinase Expression by Synovial Wnt Signaling and Association With Disease Progression in Early Symptomatic Osteoarthritis. Arthritis and Rheumatology, 2017, 69, 1978-1983.	5.6	26

#	Article	IF	Citations
19	IL-1Î²-Mediated Activation of Adipose-Derived Mesenchymal Stromal Cells Results in PMN Reallocation and Enhanced Phagocytosis: A Possible Mechanism for the Reduction of Osteoarthritis Pathology. Frontiers in Immunology, 2019, 10, 1075.	4.8	16
20	The role of inflammation in mesenchymal stromal cell therapy in osteoarthritis, perspectives for post-traumatic osteoarthritis: a review. Rheumatology, 2021, 60, 1042-1053.	1.9	15
21	The role of NOX2-derived reactive oxygen species in collagenase-induced osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1722-1732.	1.3	14
22	FcÎ³ receptor-mediated influx of S100A8/A9-producing neutrophils as inducer of bone erosion during antigen-induced arthritis. Arthritis Research and Therapy, 2018, 20, 80.	3.5	13
23	Increased WISP1 expression in human osteoarthritic articular cartilage is epigenetically regulated and decreases cartilage matrix production. Rheumatology, 2019, 58, 1065-1074.	1.9	13
24	The alarmin S100A9 hampers osteoclast differentiation from human circulating precursors by reducing the expression of RANK. FASEB Journal, 2019, 33, 10104-10115.	0.5	9
25	Identification of Transcription Factors Responsible for a Transforming Growth Factor-Î²-Driven Hypertrophy-like Phenotype in Human Osteoarthritic Chondrocytes. Cells, 2022, 11, 1232.	4.1	9
26	A human in vitro 3D neo-cartilage model to explore the response of OA risk genes to hyper-physiological mechanical stress. Osteoarthritis and Cartilage Open, 2022, 4, 100231.	2.0	8
27	The alarmins S100A8 and S100A9 mediate acute pain in experimental synovitis. Arthritis Research and Therapy, 2020, 22, 199.	3.5	7
28	Nox2 Deficiency Reduces Cartilage Damage and Ectopic Bone Formation in an Experimental Model for Osteoarthritis. Antioxidants, 2021, 10, 1660.	5.1	7
29	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. International Journal of Molecular Sciences, 2020, 21, 3774.	4.1	6
30	High LDL levels lessen bone destruction during antigen-induced arthritis by inhibiting osteoclast formation and function. Bone, 2020, 130, 115140.	2.9	4
31	Innate Immunity at the Core of Sex Differences in Osteoarthritic Pain?. Frontiers in Pharmacology, 2022, 13, .	3.5	4
32	S100A8/A9 is not essential for the development of inflammation and joint pathology in interleukin-1 receptor antagonist knockout mice. Arthritis Research and Therapy, 2021, 23, 216.	3.5	3
33	A single dose of anti-IL-1Î² antibodies prevents Western diet-induced immune activation during early stage collagenase-induced osteoarthritis, but does not ameliorate end-stage pathology. Osteoarthritis and Cartilage, 2021, 29, 1462-1473.	1.3	3
34	FRI0528â€…HIGH INTENSIVE THERAPEUTIC LOWERING OF SYSTEMIC CHOLESTEROL DOES NOT AMELIORATE OA DEVELOPMENT IN KNEE JOINTS OF HUMANIZED DYSLIPIDEMIC MICE. , 2019, , .		1
35	High LDL-C levels attenuate onset of inflammation and cartilage destruction in antigen-induced arthritis. Clinical and Experimental Rheumatology, 2019, 37, 983-993.	0.8	1
36	01.01â€…S100A8/a9 increases the mobilisation of LY6C high monocytes to the synovium during experimental osteoarthritis. , 2017, , .		0

#	Article	IF	Citations
37	07.07â€...Increased expression of ccn4/wisp1 in osteoarthritic articular cartilage is epigenetically regulated and disrupts cartilage homeostasis. , 2017, , .		0
38	02.26â€...Increased expression of s100a9 regulates pain response during experimentally induced acute synovitis. , 2017, , .		0
39	OP0305â€...THE ALARMIN S100A9 HAMPERS OSTEOCLAST DIFFERENTIATION FROM CIRCULATING PRECURSORS BY REDUCING THE EXPRESSION OF RANK. , 2019, , .		0
40	FRI0527â€...HIGH LDL LEVELS LESSEN BONE DESTRUCTION DURING ANTIGEN-INDUCED ARTHRITIS BY INHIBITING OSTEOCLAST FORMATION AND FUNCTION. , 2019, , .		0