

# Hans Carlsten

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

3,816  
citations

159585

30  
h-index

128289

60  
g-index

82  
all docs

82  
docs citations

82  
times ranked

5195  
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>ER $\beta$ </sc> Signaling in a Subset of <sc>CXCL12</sc>â€Abundant Reticular Cells Regulates Trabecular Bone in Mice. JBMR Plus, 2022, 6, .	2.7	1
2	Elevated serum level of hepatocyte growth factor predicts development of new syndesmophytes in men with ankylosing spondylitis. Rheumatology, 2021, 60, 1804-1813.	1.9	3
3	Intermediate monocytes correlate with CXCR3+ Th17 cells but not with bone characteristics in untreated early rheumatoid arthritis. PLoS ONE, 2021, 16, e0249205.	2.5	3
4	Immunoglobulin G complexes without sialic acids enhance osteoclastogenesis but do not affect arthritisâ€mediated bone loss. Scandinavian Journal of Immunology, 2021, 93, e13009.	2.7	10
5	Androgen Receptors in Epithelial Cells Regulate Thymopoiesis and Recent Thymic Emigrants in Male Mice. Frontiers in Immunology, 2020, 11, 1342.	4.8	10
6	The Rheumatoid Arthritis Risk Gene AIRE Is Induced by Cytokines in Fibroblast-Like Synoviocytes and Augments the Pro-inflammatory Response. Frontiers in Immunology, 2019, 10, 1384.	4.8	15
7	SAT0323â€...HEPATOCTE GROWTH FACTOR IS A PREDICTOR OF DEVELOPMENT OF NEW SYNDESMOPHYTES IN MEN WITH ANKYLOSING SPONDYLITIS. A FIVE YEAR PROSPECTIVE STUDY. , 2019, , .		0
8	A distinct gut microbiota composition in patients with ankylosing spondylitis is associated with increased levels of fecal calprotectin. Arthritis Research and Therapy, 2019, 21, 248.	3.5	59
9	Weight loss improves disease activity in patients with psoriatic arthritis and obesity: an interventional study. Arthritis Research and Therapy, 2019, 21, 17.	3.5	92
10	Ageâ€associatedÂBÂcells expanded in autoimmune mice are memory cells sharing Hâ€CDR3â€selected repertoires. European Journal of Immunology, 2018, 48, 509-521.	2.9	28
11	Roles of activating functions 1 and 2 of estrogen receptor $\beta$ in lymphopoiesis. Journal of Endocrinology, 2018, 236, 99-109.	2.6	9
12	Methotrexate inhibits effects of platelet-derived growth factor and interleukin-1 $\beta$ on rheumatoid arthritis fibroblast-like synoviocytes. Arthritis Research and Therapy, 2018, 20, 49.	3.5	19
13	Testosterone is an endogenous regulator of BAFF and splenic B cell number. Nature Communications, 2018, 9, 2067.	12.8	66
14	Testosterone Protects Against Atherosclerosis in Male Mice by Targeting Thymic Epithelial Cellsâ€Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1519-1527.	2.4	22
15	A five-year prospective study of spinal radiographic progression and its predictors in men and women with ankylosing spondylitis. Arthritis Research and Therapy, 2018, 20, 162.	3.5	60
16	A longitudinal study of fecal calprotectin and the development of inflammatory bowel disease in ankylosing spondylitis. Arthritis Research and Therapy, 2017, 19, 21.	3.5	68
17	Effects of a tissue-selective estrogen complex on B lymphopoiesis and B cell function. Immunobiology, 2017, 222, 918-923.	1.9	15
18	Ovarian hormones in innate inflammation. Immunobiology, 2017, 222, 878-883.	1.9	34

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19	Which measuring site in ankylosing spondylitis is best to detect bone loss and what predicts the decline: results from a 5-year prospective study. <i>Arthritis Research and Therapy</i> , 2017, 19, 273.	3.5	34
20	Selective oestrogen receptor modulators lasofoxifene and bazedoxifene inhibit joint inflammation and osteoporosis in ovariectomised mice with collagen-induced arthritis. <i>Rheumatology</i> , 2016, 55, kev355.	1.9	13
21	Ncf1 affects osteoclast formation but is not critical for postmenopausal bone loss. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 464.	1.9	2
22	Suppression of Experimental Arthritis and Associated Bone Loss by a Tissue-Selective Estrogen Complex. <i>Endocrinology</i> , 2016, 157, 1013-1020.	2.8	21
23	SERMs have substance-specific effects on bone, and these effects are mediated via ER $\alpha$ -AF-1 in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E912-E918.	3.5	20
24	Trabecular bone loss in collagen antibody-induced arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 189.	3.5	10
25	Selective estrogen receptor modulators in T cell development and T cell dependent inflammation. <i>Immunobiology</i> , 2015, 220, 1122-1128.	1.9	28
26	Androgens Regulate Bone Marrow B Lymphopoiesis in Male Mice by Targeting Osteoblast-Lineage Cells. <i>Endocrinology</i> , 2015, 156, 1228-1236.	2.8	16
27	IL-17-producing T $\gamma$ T cells are regulated by estrogen during development of experimental arthritis. <i>Clinical Immunology</i> , 2015, 161, 324-332.	3.2	33
28	Possible role of lymphocytes in glucocorticoid-induced increase in trabecular bone mineral density. <i>Journal of Endocrinology</i> , 2015, 224, 97-108.	2.6	23
29	The estrogen receptor antagonist ICI 182,780 can act both as an agonist and an inverse agonist when estrogen receptor $\alpha$ AF-2 is modified. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1180-1185.	7.1	40
30	The effect of estrogen on bone requires ER $\alpha$ in nonhematopoietic cells but is enhanced by ER $\alpha$ in hematopoietic cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E589-E595.	3.5	16
31	Role of Androgen and Estrogen Receptors for the Action of Dehydroepiandrosterone (DHEA). <i>Endocrinology</i> , 2014, 155, 889-896.	2.8	17
32	Immunomodulation by the estrogen metabolite 2-methoxyestradiol. <i>Clinical Immunology</i> , 2014, 153, 40-48.	3.2	11
33	Biomarkers of Bone Metabolism in Ankylosing Spondylitis in Relation to Osteoproliferation and Osteoporosis. <i>Journal of Rheumatology</i> , 2014, 41, 1349-1356.	2.0	75
34	The role of total and cartilage-specific estrogen receptor alpha expression for the ameliorating effect of estrogen treatment on arthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, R150.	3.5	28
35	Effects of lasofoxifene and bazedoxifene on B cell development and function. <i>Immunity, Inflammation and Disease</i> , 2014, 2, 214-225.	2.7	28
36	Periarticular Bone Loss in Antigen-Induced Arthritis. <i>Arthritis and Rheumatism</i> , 2013, 65, 2857-2865.	6.7	22

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37	Cardiac conduction system abnormalities in ankylosing spondylitis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 237.	1.9	35
38	Soluble E-cadherin in Systemic Lupus Erythematosus. <i>Journal of Rheumatology</i> , 2013, 40, 1677-1682.	2.0	6
39	The role of activation functions 1 and 2 of estrogen receptor- $\beta$ for the effects of estradiol and selective estrogen receptor modulators in male mice. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1117-1126.	2.8	23
40	Bone microarchitecture in ankylosing spondylitis and the association with bone mineral density, fractures, and syndesmophytes. <i>Arthritis Research and Therapy</i> , 2013, 15, R179.	3.5	89
41	Vertebral Fractures in Ankylosing Spondylitis Are Associated with Lower Bone Mineral Density in Both Central and Peripheral Skeleton. <i>Journal of Rheumatology</i> , 2012, 39, 1987-1995.	2.0	99
42	Exosomal secretion of death bullets: a new way of apoptotic escape?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1015-E1024.	3.5	12
43	Calprotectin in ankylosing spondylitis " frequently elevated in feces, but normal in serum. <i>Scandinavian Journal of Gastroenterology</i> , 2012, 47, 435-444.	1.5	79
44	Estrogen receptor- $\beta$ expression in neuronal cells affects bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 983-988.	7.1	37
45	Estrogen receptor $\beta$ (ER $\beta$ ) expression in cartilage is important for the ameliorating effects of estrogen on synovitis, but not joint destruction.. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A61.2-A61.	0.9	0
46	Sexual dimorphisms in the immune system of catechol-O-methyltransferase knockout mice. <i>Immunobiology</i> , 2012, 217, 751-760.	1.9	8
47	Osteoporosis in ankylosing spondylitis - prevalence, risk factors and methods of assessment. <i>Arthritis Research and Therapy</i> , 2012, 14, R108.	3.5	150
48	Estradiol ameliorates arthritis and protects against systemic bone loss in <i>Staphylococcus aureus</i> infection in mice. <i>Arthritis Research and Therapy</i> , 2012, 14, R76.	3.5	8
49	Combined treatment with dexamethasone and raloxifene totally abrogates osteoporosis and joint destruction in experimental postmenopausal arthritis. <i>Arthritis Research and Therapy</i> , 2011, 13, R96.	3.5	14
50	Estrogens in rheumatoid arthritis; the immune system and bone. <i>Molecular and Cellular Endocrinology</i> , 2011, 335, 14-29.	3.2	100
51	Role of 2-methoxyestradiol as inhibitor of arthritis and osteoporosis in a model of postmenopausal rheumatoid arthritis. <i>Clinical Immunology</i> , 2011, 140, 37-46.	3.2	25
52	Bone mineral density by digital X-ray radiogrammetry is strongly decreased and associated with joint destruction in long-standing Rheumatoid Arthritis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 242.	1.9	15
53	Hormone replacement therapy in postmenopausal women with rheumatoid arthritis stabilises bone mineral density by digital x-ray radiogrammetry in a randomised controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1167-1168.	0.9	11
54	Serum Levels of HMGB1 in Postmenopausal Patients with Rheumatoid Arthritis: Associations with Proinflammatory Cytokines, Acute-phase Reactants, and Clinical Disease Characteristics. <i>Journal of Rheumatology</i> , 2011, 38, 1523.2-1525.	2.0	23

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55	Role of endogenous and exogenous female sex hormones in arthritis and osteoporosis development in B10.Q-ncf1 <sup>*/*</sup> mice with collagen-induced chronic arthritis. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 284.	1.9	10
56	Amelioration of collagen-induced arthritis and immune-associated bone loss through signaling via estrogen receptor $\beta$ , and not estrogen receptor $\alpha$ or G protein-coupled receptor 30. <i>Arthritis and Rheumatism</i> , 2010, 62, 524-533.	6.7	41
57	Prevalence and risk factors of vertebral compression fractures in female SLE patients. <i>Arthritis Research and Therapy</i> , 2010, 12, R153.	3.5	28
58	In vivo activation of gene transcription via oestrogen response elements by a raloxifene analogue. <i>Journal of Endocrinology</i> , 2009, 203, 349-356.	2.6	6
59	Low Serum Levels of Sex Steroids Are Associated with Disease Characteristics in Primary Sjogren's Syndrome; Supplementation with Dehydroepiandrosterone Restores the Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2044-2051.	3.6	87
60	The decrease of soluble RAGE levels in rheumatoid arthritis patients following hormone replacement therapy is associated with increased bone mineral density and diminished bone/cartilage turnover: a randomized controlled trial. <i>Rheumatology</i> , 2009, 48, 785-790.	1.9	24
61	Endothelin-1 Across the Lung Circulation in Patients With Pulmonary Arterial Hypertension and Influence of Epoprostenol Infusion. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 808-814.	0.6	3
62	Role of resistin as a marker of inflammation in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2008, 10, R15.	3.5	69
63	Ethanol prevents development of destructive arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 258-263.	7.1	92
64	Role of raloxifene as a potent inhibitor of experimental postmenopausal polyarthritis and osteoporosis. <i>Arthritis and Rheumatism</i> , 2007, 56, 3261-3270.	6.7	39
65	Addition of bisphosphonate to antibiotic and anti-inflammatory treatment reduces bone resorption in experimental <i>Staphylococcus aureus</i> -induced arthritis. <i>Journal of Orthopaedic Research</i> , 2007, 25, 304-310.	2.3	30
66	Interaction with Estrogen Receptors as Treatment of Arthritis and Osteoporosis. <i>Advances in Experimental Medicine and Biology</i> , 2007, 602, 83-92.	1.6	2
67	Leukemia inhibitory factor reduces body fat mass in ovariectomized mice. <i>European Journal of Endocrinology</i> , 2006, 154, 349-354.	3.7	18
68	Hormone Replacement Therapy in Rheumatoid Arthritis. <i>Current Rheumatology Reviews</i> , 2006, 2, 251-260.	0.8	2
69	Rapid Systemic Bone Resorption during the Course of <i>Staphylococcus aureus</i> -Induced Arthritis. <i>Journal of Infectious Diseases</i> , 2006, 194, 1597-1600.	4.0	22
70	Immune responses and bone loss: the estrogen connection. <i>Immunological Reviews</i> , 2005, 208, 194-206.	6.0	81
71	Estren promotes androgen phenotypes in primary lymphoid organs and submandibular glands. <i>BMC Immunology</i> , 2005, 6, 16.	2.2	9
72	Investigation of central versus peripheral effects of estradiol in ovariectomized mice. <i>Journal of Endocrinology</i> , 2005, 187, 303-309.	2.6	22

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73	Osteoporosis in experimental postmenopausal polyarthritis: the relative contributions of estrogen deficiency and inflammation. <i>Arthritis Research</i> , 2005, 7, R837.	2.0	49
74	Hormone replacement therapy, calcium and vitamin D3 versus calcium and vitamin D3 alone decreases markers of cartilage and bone metabolism in rheumatoid arthritis: a randomized controlled trial [ISRCTN46523456]. <i>Arthritis Research</i> , 2004, 6, R457-68.	2.0	18
75	The impact of a new immunomodulator oxo-quinoline-3-carboxamide on the progression of experimental lupus. <i>International Immunopharmacology</i> , 2004, 4, 1515-1523.	3.8	8
76	Mycophenolic acid inhibits inosine 5- $\beta$ -monophosphate dehydrogenase and suppresses immunoglobulin and cytokine production of B cells. <i>International Immunopharmacology</i> , 2003, 3, 31-37.	3.8	60
77	Hormone replacement therapy in rheumatoid arthritis is associated with lower serum levels of soluble IL-6 receptor and higher insulin-like growth factor 1. <i>Arthritis Research</i> , 2003, 5, R202.	2.0	37
78	Estren Is a Selective Estrogen Receptor Modulator with Transcriptional Activity. <i>Molecular Pharmacology</i> , 2003, 64, 1428-1433.	2.3	129
79	Mycophenolic acid inhibits inosine 5- $\beta$ -monophosphate dehydrogenase and suppresses production of pro-inflammatory cytokines, nitric oxide, and LDH in macrophages. <i>Cellular Immunology</i> , 2002, 216, 93-101.	3.0	37
80	Interleukin-6-deficient mice develop mature-onset obesity. <i>Nature Medicine</i> , 2002, 8, 75-79.	30.7	1,073
81	Neutrophil Mediated Inflammatory Response in Murine Lupus. <i>Autoimmunity</i> , 1993, 14, 251-257.	2.6	25
82	Outbreak of spontaneous staphylococcal arthritis and osteitis in mice. <i>Arthritis and Rheumatism</i> , 1990, 33, 1739-1744.	6.7	110