Hans Carlsten

List of Publications by Year
in descending order

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82	3,816	159585	128289
papers	citations	30 h-index	60 g-index

82	82	82	5195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interleukin-6-deficient mice develop mature-onset obesity. Nature Medicine, 2002, 8, 75-79.	30.7	1,073
2	Osteoporosis in ankylosing spondylitis - prevalence, risk factors and methods of assessment. Arthritis Research and Therapy, 2012, 14, R108.	3.5	150
3	Estren Is a Selective Estrogen Receptor Modulator with Transcriptional Activity. Molecular Pharmacology, 2003, 64, 1428-1433.	2.3	129
4	Outbreak of spontaneous staphylococcal arthritis and osteitis in mice. Arthritis and Rheumatism, 1990, 33, 1739-1744.	6.7	110
5	Estrogens in rheumatoid arthritis; the immune system and bone. Molecular and Cellular Endocrinology, 2011, 335, 14-29.	3.2	100
6	Vertebral Fractures in Ankylosing Spondylitis Are Associated with Lower Bone Mineral Density in Both Central and Peripheral Skeleton. Journal of Rheumatology, 2012, 39, 1987-1995.	2.0	99
7	Ethanol prevents development of destructive arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 258-263.	7.1	92
8	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
9	Bone microarchitecture in ankylosing spondylitis and the association with bone mineral density, fractures, and syndesmophytes. Arthritis Research and Therapy, 2013, 15, R179.	3.5	89
10	Low Serum Levels of Sex Steroids Are Associated with Disease Characteristics in Primary Sjogrenâ€™s Syndrome; Supplementation with Dehydroepiandrosterone Restores the Concentrations. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2044-2051.	3.6	87
11	Immune responses and bone loss: the estrogen connection. Immunological Reviews, 2005, 208, 194-206.	6.0	81
12	Calprotectin in ankylosing spondylitis â€“ frequently elevated in feces, but normal in serum. Scandinavian Journal of Gastroenterology, 2012, 47, 435-444.	1.5	79
13	Biomarkers of Bone Metabolism in Ankylosing Spondylitis in Relation to Osteoproliferation and Osteoporosis. Journal of Rheumatology, 2014, 41, 1349-1356.	2.0	75
14	Role of resistin as a marker of inflammation in systemic lupus erythematosus. Arthritis Research and Therapy, 2008, 10, R15.	3.5	69
15	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
16	Testosterone is an endogenous regulator of BAFF and splenic B cell number. Nature Communications, 2018, 9, 2067.	12.8	66
17	Mycophenolic acid inhibits inosine 5â€²-monophosphate dehydrogenase and suppresses immunoglobulin and cytokine production of B cells. International Immunopharmacology, 2003, 3, 31-37.	3.8	60
18	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

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19	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
20	Osteoporosis in experimental postmenopausal polyarthritis: the relative contributions of estrogen deficiency and inflammation. Arthritis Research, 2005, 7, R837.	2.0	49
21	Amelioration of collagenâ€induced arthritis and immuneâ€associated bone loss through signaling via estrogen receptor Î±, and not estrogen receptor Î² or G proteinâ€“coupled receptor 30. Arthritis and Rheumatism, 2010, 62, 524-533.	6.7	41
22	The estrogen receptor antagonist ICI 182,780 can act both as an agonist and an inverse agonist when estrogen receptor Î± AF-2 is modified. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1180-1185.	7.1	40
23	Role of raloxifene as a potent inhibitor of experimental postmenopausal polyarthritis and osteoporosis. Arthritis and Rheumatism, 2007, 56, 3261-3270.	6.7	39
24	Mycophenolic acid inhibits inosine 5â€²-monophosphate dehydrogenase and suppresses production of pro-inflammatory cytokines, nitric oxide, and LDH in macrophages. Cellular Immunology, 2002, 216, 93-101.	3.0	37
25	Hormone replacement therapy in rheumatoid arthritis is associated with lower serum levels of soluble IL-6 receptor and higher insulin-like growth factor 1. Arthritis Research, 2003, 5, R202.	2.0	37
26	Estrogen receptor-Î± expression in neuronal cells affects bone mass. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 983-988.	7.1	37
27	Cardiac conduction system abnormalities in ankylosing spondylitis: a cross-sectional study. BMC Musculoskeletal Disorders, 2013, 14, 237.	1.9	35
28	Ovarian hormones in innate inflammation. Immunobiology, 2017, 222, 878-883.	1.9	34
29	Which measuring site in ankylosing spondylitis is best to detect bone loss and what predicts the decline: results from a 5-year prospective study. Arthritis Research and Therapy, 2017, 19, 273.	3.5	34
30	IL-17-producing Î³Î´T cells are regulated by estrogen during development of experimental arthritis. Clinical Immunology, 2015, 161, 324-332.	3.2	33
31	Addition of bisphosphonate to antibiotic and anti-inflammatory treatment reduces bone resorption in experimentalStaphylococcus aureus-induced arthritis. Journal of Orthopaedic Research, 2007, 25, 304-310.	2.3	30
32	Prevalence and risk factors of vertebral compression fractures in female SLE patients. Arthritis Research and Therapy, 2010, 12, R153.	3.5	28
33	The role of total and cartilage-specific estrogen receptor alpha expression for the ameliorating effect of estrogen treatment on arthritis. Arthritis Research and Therapy, 2014, 16, R150.	3.5	28
34	Effects of lasofoxifene and bazedoxifene on B cell development and function. Immunity, Inflammation and Disease, 2014, 2, 214-225.	2.7	28
35	Selective estrogen receptor modulators in T cell development and T cell dependent inflammation. Immunobiology, 2015, 220, 1122-1128.	1.9	28
36	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

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37	Neutrophil Mediated Inflammatory Response in Murine Lupus. Autoimmunity, 1993, 14, 251-257.	2.6	25
38	Role of 2-methoxyestradiol as inhibitor of arthritis and osteoporosis in a model of postmenopausal rheumatoid arthritis. Clinical Immunology, 2011, 140, 37-46.	3.2	25
39	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. Rheumatology, 2009, 48, 785-790.	1.9	24
40	Serum Levels of HMGB1 in Postmenopausal Patients with Rheumatoid Arthritis: Associations with Proinflammatory Cytokines, Acute-phase Reactants, and Clinical Disease Characteristics. Journal of Rheumatology, 2011, 38, 1523.2-1525.	2.0	23
41	The role of activation functions 1 and 2 of estrogen receptor-Î± for the effects of estradiol and selective estrogen receptor modulators in male mice. Journal of Bone and Mineral Research, 2013, 28, 1117-1126.	2.8	23
42	Possible role of lymphocytes in glucocorticoid-induced increase in trabecular bone mineral density. Journal of Endocrinology, 2015, 224, 97-108.	2.6	23
43	Investigation of central versus peripheral effects of estradiol in ovariectomized mice. Journal of Endocrinology, 2005, 187, 303-309.	2.6	22
44	Rapid Systemic Bone Resorption during the Course ofStaphylococcus aureusâ€“Induced Arthritis. Journal of Infectious Diseases, 2006, 194, 1597-1600.	4.0	22
45	Periarticular Bone Loss in Antigenâ€Induced Arthritis. Arthritis and Rheumatism, 2013, 65, 2857-2865.	6.7	22
46	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
47	Suppression of Experimental Arthritis and Associated Bone Loss by a Tissue-Selective Estrogen Complex. Endocrinology, 2016, 157, 1013-1020.	2.8	21
48	SERMs have substance-specific effects on bone, and these effects are mediated via ERÎ±AF-1 in female mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E912-E918.	3.5	20
49	Methotrexate inhibits effects of platelet-derived growth factor and interleukin-1Î² on rheumatoid arthritis fibroblast-like synoviocytes. Arthritis Research and Therapy, 2018, 20, 49.	3.5	19
50	Hormone replacement therapy, calcium and vitamin D3 versus calcium and vitamin D3alone decreases markers of cartilage and bone metabolism in rheumatoid arthritis: a randomized controlled trial [ISRCTN46523456]. Arthritis Research, 2004, 6, R457-68.	2.0	18
51	Leukemia inhibitory factor reduces body fat mass in ovariectomized mice. European Journal of Endocrinology, 2006, 154, 349-354.	3.7	18
52	Role of Androgen and Estrogen Receptors for the Action of Dehydroepiandrosterone (DHEA). Endocrinology, 2014, 155, 889-896.	2.8	17
53	The effect of estrogen on bone requires ERÎ± in nonhematopoietic cells but is enhanced by ERÎ± in hematopoietic cells. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E589-E595.	3.5	16
54	Androgens Regulate Bone Marrow B Lymphopoiesis in Male Mice by Targeting Osteoblast-Lineage Cells. Endocrinology, 2015, 156, 1228-1236.	2.8	16

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55	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. BMC Musculoskeletal Disorders, 2011, 12, 242.	1.9	15
56	Effects of a tissue-selective estrogen complex on B lymphopoiesis and B cell function. Immunobiology, 2017, 222, 918-923.	1.9	15
57	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
58	Combined treatment with dexamethasone and raloxifene totally abrogates osteoporosis and joint destruction in experimental postmenopausal arthritis. Arthritis Research and Therapy, 2011, 13, R96.	3.5	14
59	Selective oestrogen receptor modulators lasofoxifene and bazedoxifene inhibit joint inflammation and osteoporosis in ovariectomised mice with collagen-induced arthritis. Rheumatology, 2016, 55, kev355.	1.9	13
60	Exosomal secretion of death bullets: a new way of apoptotic escape?. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1015-E1024.	3.5	12
61	Hormone replacement therapy in postmenopausal women with rheumatoid arthritis stabilises bone mineral density by digital x-ray radiogrammetry in a randomised controlled trial. Annals of the Rheumatic Diseases, 2011, 70, 1167-1168.	0.9	11
62	Immunomodulation by the estrogen metabolite 2-methoxyestradiol. Clinical Immunology, 2014, 153, 40-48.	3.2	11
63	Role of endogenous and exogenous female sex hormones in arthritis and osteoporosis development in B10.Q-ncf1*/* mice with collagen-induced chronic arthritis. BMC Musculoskeletal Disorders, 2010, 11, 284.	1.9	10
64	Trabecular bone loss in collagen antibody-induced arthritis. Arthritis Research and Therapy, 2015, 17, 189.	3.5	10
65	Androgen Receptors in Epithelial Cells Regulate Thymopoiesis and Recent Thymic Emigrants in Male Mice. Frontiers in Immunology, 2020, 11, 1342.	4.8	10
66	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
67	Estren promotes androgen phenotypes in primary lymphoid organs and submandibular glands. BMC Immunology, 2005, 6, 16.	2.2	9
68	Roles of activating functions 1 and 2 of estrogen receptor Î± in lymphopoiesis. Journal of Endocrinology, 2018, 236, 99-109.	2.6	9
69	The impact of a new immunomodulator oxo-quinoline-3-carboxamide on the progression of experimental lupus. International Immunopharmacology, 2004, 4, 1515-1523.	3.8	8
70	Sexual dimorphisms in the immune system of catechol-O-methyltransferase knockout mice. Immunobiology, 2012, 217, 751-760.	1.9	8
71	Estradiol ameliorates arthritis and protects against systemic bone loss in Staphylococcus aureus infection in mice. Arthritis Research and Therapy, 2012, 14, R76.	3.5	8
72	In vivo activation of gene transcription via oestrogen response elements by a raloxifene analogue. Journal of Endocrinology, 2009, 203, 349-356.	2.6	6

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73	Soluble E-cadherin in Systemic Lupus Erythematosus. Journal of Rheumatology, 2013, 40, 1677-1682.	2.0	6
74	Endothelin-1 Across the Lung Circulation in Patients With Pulmonary Arterial Hypertension and Influence of Epoprostenol Infusion. Journal of Heart and Lung Transplantation, 2009, 28, 808-814.	0.6	3
75	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
76	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
77	Hormone Replacement Therapy in Rheumatoid Arthritis. Current Rheumatology Reviews, 2006, 2, 251-260.	0.8	2
78	Ncf1 affects osteoclast formation but is not critical for postmenopausal bone loss. BMC Musculoskeletal Disorders, 2016, 17, 464.	1.9	2
79	Interaction with Estrogen Receptors as Treatment of Arthritis and Osteoporosis. Advances in Experimental Medicine and Biology, 2007, 602, 83-92.	1.6	2
80	<scp>ERÎ±</scp> Signaling in a Subset of <scp>CXCL12</scp>â€Abundant Reticular Cells Regulates Trabecular Bone in Mice. JBMR Plus, 2022, 6, .	2.7	1
81	Estrogen receptor Î± (ERÎ±) expression in cartilage is important for the ameliorating effects of estrogen on synovitis, but not joint destruction.. Annals of the Rheumatic Diseases, 2012, 71, A61.2-A61.	0.9	0
82	SAT0323â€…HEPATOCYTE GROWTH FACTOR IS A PREDICTOR OF DEVELOPMENT OF NEW SYNDESMOPHYTES IN MEN WITH ANKYLOSING SPONDYLITIS. A FIVE YEAR PROSPECTIVE STUDY. , 2019, , .		0