Sarah Snelling

List of Publications by Year
in descending order

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46 papers	1,427 citations	361045 20 h-index	360668 35 g-index
51 all docs	51 docs citations	51 times ranked	2351 citing authors

#	Article	IF	Citations
1	Research perspectivesâ€"Pipelines to human tendon transcriptomics. Journal of Orthopaedic Research, 2022, , .	1.2	3
2	Humanoid robots to mechanically stress human cells grown in soft bioreactors. , 2022, 1, .		8
3	Mapping the musculoskeletal system one cell at a time. Nature Reviews Rheumatology, 2021, 17, 247-248.	3.5	10
4	In vitro evaluation of the response of human tendonâ€derived stromal cells to a novel electrospun suture for tendon repair. Translational Sports Medicine, 2021, 4, 409-418.	0.5	6
5	Single cell and spatial transcriptomics in human tendon disease indicate dysregulated immune homeostasis. Annals of the Rheumatic Diseases, 2021, 80, 1494-1497.	0.5	33
6	Interleukin-17A Causes Osteoarthritis-Like Transcriptional Changes in Human Osteoarthritis-Derived Chondrocytes and Synovial Fibroblasts In Vitro. Frontiers in Immunology, 2021, 12, 676173.	2.2	26
7	Comparison of Cellular Responses to TGF-Î²1 and BMP-2 Between Healthy and Torn Tendons. American Journal of Sports Medicine, 2021, 49, 1892-1903.	1.9	3
8	Hostâ€"biomaterial interactions in mesh complications after pelvic floor reconstructive surgery. Nature Reviews Urology, 2021, 18, 725-738.	1.9	9
9	Early development of a polycaprolactone electrospun augment for anterior cruciate ligament reconstruction. Materials Science and Engineering C, 2021, 129, 112414.	3.8	5
10	Interleukin-17 Cytokines and Receptors: Potential Amplifiers of Tendon Inflammation. Frontiers in Bioengineering and Biotechnology, 2021, 9, 795830.	2.0	10
11	Rotator cuff repair with biological graft augmentation causes adverse tissue outcomes. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 782-788.	1.2	12
12	The potential roles of high mobility group box 1 (HMGB1) in musculoskeletal disease: A systematic review. Translational Sports Medicine, 2020, 3, 536-564.	0.5	0
13	Synovial fluid fingerprinting in end-stage knee osteoarthritis. Bone and Joint Research, 2020, 9, 623-632.	1.3	12
14	Histopathological and immunohistochemical evaluation of cellular response to a woven and electrospun polydioxanone (PDO) and polycaprolactone (PCL) patch for tendon repair. Scientific Reports, 2020, 10, 4754.	1.6	23
15	Histological evaluation of cellular response to a multifilament electrospun suture for tendon repair. PLoS ONE, 2020, 15, e0234982.	1.1	8
16	Antibiotic treatment and flares of rheumatoid arthritis: a self-controlled case series study analysis using CPRD GOLD. Scientific Reports, 2019, 9, 8941.	1.6	7
17	Chondroprotective Factors in Osteoarthritis: a Joint Affair. Current Rheumatology Reports, 2019, 21, 41.	2.1	18
18	ERK1/2 drives IL-1Î²-induced expression of TGF-Î²1 and BMP-2 in torn tendons. Scientific Reports, 2019, 9, 19005.	1.6	21

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19	Augmenting endogenous repair of soft tissues with nanofibre scaffolds. Journal of the Royal Society Interface, 2018, 15, 20180019.	1.5	21
20	Trends in the theory that inflammation plays a causal role in tendinopathy: a systematic review and quantitative analysis of published reviews. BMJ Open Sport and Exercise Medicine, 2018, 4, e000332.	1.4	20
21	Identifying the optimum source of mesenchymal stem cells for use in knee surgery. Journal of Orthopaedic Research, 2017, 35, 1868-1875.	1.2	32
22	Increasing age and tear size reduce rotator cuff repair healing rate at 1 year. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 606-611.	1.2	123
23	Characterizing the macro and micro mechanical properties of scaffolds for rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2017, 26, 2038-2046.	1.2	33
24	Differential expression of alarminsâ€”S100A9, IL-33, HMGB1 and HIF-1Î± in supraspinatus tendinopathy before and after treatment. BMJ Open Sport and Exercise Medicine, 2017, 3, e000225.	1.4	25
25	Presence of IL-17 in synovial fluid identifies a potential inflammatory osteoarthritic phenotype. PLoS ONE, 2017, 12, e0175109.	1.1	61
26	Resorbable electrospun polydioxanone fibres modify the behaviour of cells from both healthy and diseased human tendons. , 2017, 33, 169-182.		20
27	The chondrocyte-intrinsic circadian clock is disrupted in human osteoarthritis. Chronobiology International, 2016, 33, 574-579.	0.9	25
28	Biocompatibility of implantable materials: An oxidative stress viewpoint. Biomaterials, 2016, 109, 55-68.	5.7	158
29	A comparative evaluation of the effect of polymer chemistry and fiber orientation on mesenchymal stem cell differentiation. Journal of Biomedical Materials Research - Part A, 2016, 104, 2843-2853.	2.1	22
30	H3K27me3 demethylases regulate in vitro chondrogenesis and chondrocyte activity in osteoarthritis. Arthritis Research and Therapy, 2016, 18, 158.	1.6	30
31	Profibrotic mediators in tendon disease: a systematic review. Arthritis Research and Therapy, 2016, 18, 269.	1.6	38
32	Comparison of transforming growth factor beta expression in healthy and diseased human tendon. Arthritis Research and Therapy, 2016, 18, 48.	1.6	35
33	Dickkopf-3 is upregulated in osteoarthritis and has a chondroprotective role. Osteoarthritis and Cartilage, 2016, 24, 883-891.	0.6	45
34	The response of tenocytes to commercial scaffolds used for rotator cuff repair. , 2016, 31, 107-118.		40
35	In vitro effects of glutamate and Nâ€methylâ€<scp>d</scp>â€aspartate receptor (NMDAR) antagonism on human tendon derived cells. Journal of Orthopaedic Research, 2015, 33, 1515-1522.	1.2	9
36	Differences in glutamate receptors and inflammatory cell numbers are associated with the resolution of pain in human rotator cuff tendinopathy. Arthritis Research and Therapy, 2015, 17, 176.	1.6	30

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37	Glucocorticoids induce senescence in primary human tenocytes by inhibition of sirtuin 1 and activation of the p53/p21 pathway: in vivo and in vitro evidence. Annals of the Rheumatic Diseases, 2014, 73, 1405-1413.	0.5	81
38	A gene expression study of normal and damaged cartilage in anteromedial gonarthrosis, a phenotype of osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 334-343.	0.6	63
39	95â€...Anin vitrocomparative analysis of scaffolds for the augmentation of rotator cuff repair. British Journal of Sports Medicine, 2014, 48, A62.1-A62.	3.1	1
40	Repairing damaged tendon and muscle: are mesenchymal stem cells and scaffolds the answer?. Regenerative Medicine, 2013, 8, 613-630.	0.8	12
41	BMP5 activates multiple signaling pathways and promotes chondrogenic differentiation in the ATDC5 growth plate model. Growth Factors, 2010, 28, 268-279.	0.5	18
42	An SNP in the 5â€²-UTR of GDF5 is associated with osteoarthritis susceptibility in Europeans and with in vivo differences in allelic expression in articular cartilage. Human Molecular Genetics, 2007, 16, 2226-2232.	1.4	180
43	Allelic expression analysis suggests that cis-acting polymorphism of FRZB expression does not contribute to osteoarthritis susceptibility. Osteoarthritis and Cartilage, 2007, 15, 90-92.	0.6	11
44	Osteoarthritis genetics: current status and future prospects. Future Rheumatology, 2007, 2, 607-620.	0.2	5
45	Genetic association analysis of LRCH1 as an osteoarthritis susceptibility locus. Rheumatology, 2006, 46, 250-252.	0.9	24
46	The influence of tumour microenvironmental factors on the efficacy of cisplatin and novel platinum(IV) complexes. Biochemical Pharmacology, 2005, 70, 1137-1146.	2.0	46