

# Sarah Snelling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5770912/publications.pdf>

Version: 2024-02-01

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	An SNP in the 5' UTR of GDF5 is associated with osteoarthritis susceptibility in Europeans and with in vivo differences in allelic expression in articular cartilage. <i>Human Molecular Genetics</i> , 2007, 16, 2226-2232.	1.4	180
2	Biocompatibility of implantable materials: An oxidative stress viewpoint. <i>Biomaterials</i> , 2016, 109, 55-68.	5.7	158
3	Increasing age and tear size reduce rotator cuff repair healing rate at 1 year. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 606-611.	1.2	123
4	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. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1405-1413.	0.5	81
5	A gene expression study of normal and damaged cartilage in anteromedial gonarthrosis, a phenotype of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 334-343.	0.6	63
6	Presence of IL-17 in synovial fluid identifies a potential inflammatory osteoarthritic phenotype. <i>PLoS ONE</i> , 2017, 12, e0175109.	1.1	61
7	The influence of tumour microenvironmental factors on the efficacy of cisplatin and novel platinum(IV) complexes. <i>Biochemical Pharmacology</i> , 2005, 70, 1137-1146.	2.0	46
8	Dickkopf-3 is upregulated in osteoarthritis and has a chondroprotective role. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 883-891.	0.6	45
9	The response of tenocytes to commercial scaffolds used for rotator cuff repair. , 2016, 31, 107-118.		40
10	Profibrotic mediators in tendon disease: a systematic review. <i>Arthritis Research and Therapy</i> , 2016, 18, 269.	1.6	38
11	Comparison of transforming growth factor beta expression in healthy and diseased human tendon. <i>Arthritis Research and Therapy</i> , 2016, 18, 48.	1.6	35
12	Characterizing the macro and micro mechanical properties of scaffolds for rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 2038-2046.	1.2	33
13	Single cell and spatial transcriptomics in human tendon disease indicate dysregulated immune homeostasis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1494-1497.	0.5	33
14	Identifying the optimum source of mesenchymal stem cells for use in knee surgery. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1868-1875.	1.2	32
15	Differences in glutamate receptors and inflammatory cell numbers are associated with the resolution of pain in human rotator cuff tendinopathy. <i>Arthritis Research and Therapy</i> , 2015, 17, 176.	1.6	30
16	H3K27me3 demethylases regulate in vitro chondrogenesis and chondrocyte activity in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 158.	1.6	30
17	Interleukin-17A Causes Osteoarthritis-Like Transcriptional Changes in Human Osteoarthritis-Derived Chondrocytes and Synovial Fibroblasts In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 676173.	2.2	26
18	The chondrocyte-intrinsic circadian clock is disrupted in human osteoarthritis. <i>Chronobiology International</i> , 2016, 33, 574-579.	0.9	25

#	ARTICLE	IF	CITATIONS
19	Differential expression of alarmins S100A9, IL-33, HMGB1 and HIF-1 $\alpha$ in supraspinatus tendinopathy before and after treatment. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000225.	1.4	25
20	Genetic association analysis of LRCH1 as an osteoarthritis susceptibility locus. <i>Rheumatology</i> , 2006, 46, 250-252.	0.9	24
21	Histopathological and immunohistochemical evaluation of cellular response to a woven and electrospun polydioxanone (PDO) and polycaprolactone (PCL) patch for tendon repair. <i>Scientific Reports</i> , 2020, 10, 4754.	1.6	23
22	A comparative evaluation of the effect of polymer chemistry and fiber orientation on mesenchymal stem cell differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2843-2853.	2.1	22
23	Augmenting endogenous repair of soft tissues with nanofibre scaffolds. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180019.	1.5	21
24	ERK1/2 drives IL-1 $\beta$ -induced expression of TGF- $\beta$ 1 and BMP-2 in torn tendons. <i>Scientific Reports</i> , 2019, 9, 19005.	1.6	21
25	Trends in the theory that inflammation plays a causal role in tendinopathy: a systematic review and quantitative analysis of published reviews. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000332.	1.4	20
26	Resorbable electrospun polydioxanone fibres modify the behaviour of cells from both healthy and diseased human tendons. , 2017, 33, 169-182.		20
27	BMP5 activates multiple signaling pathways and promotes chondrogenic differentiation in the ATDC5 growth plate model. <i>Growth Factors</i> , 2010, 28, 268-279.	0.5	18
28	Chondroprotective Factors in Osteoarthritis: a Joint Affair. <i>Current Rheumatology Reports</i> , 2019, 21, 41.	2.1	18
29	Repairing damaged tendon and muscle: are mesenchymal stem cells and scaffolds the answer?. <i>Regenerative Medicine</i> , 2013, 8, 613-630.	0.8	12
30	Rotator cuff repair with biological graft augmentation causes adverse tissue outcomes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 782-788.	1.2	12
31	Synovial fluid fingerprinting in end-stage knee osteoarthritis. <i>Bone and Joint Research</i> , 2020, 9, 623-632.	1.3	12
32	Allelic expression analysis suggests that cis-acting polymorphism of FRZB expression does not contribute to osteoarthritis susceptibility. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 90-92.	0.6	11
33	Mapping the musculoskeletal system one cell at a time. <i>Nature Reviews Rheumatology</i> , 2021, 17, 247-248.	3.5	10
34	Interleukin-17 Cytokines and Receptors: Potential Amplifiers of Tendon Inflammation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 795830.	2.0	10
35	In vitro effects of glutamate and N-methyl-D-aspartate receptor (NMDAR) antagonism on human tendon derived cells. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1515-1522.	1.2	9
36	Host-biomaterial interactions in mesh complications after pelvic floor reconstructive surgery. <i>Nature Reviews Urology</i> , 2021, 18, 725-738.	1.9	9

#	ARTICLE	IF	CITATIONS
37	Histological evaluation of cellular response to a multifilament electrospun suture for tendon repair. PLoS ONE, 2020, 15, e0234982.	1.1	8
38	Humanoid robots to mechanically stress human cells grown in soft bioreactors. , 2022, 1, .		8
39	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
40	In vitro evaluation of the response of human tendon-derived stromal cells to a novel electrospun suture for tendon repair. Translational Sports Medicine, 2021, 4, 409-418.	0.5	6
41	Early development of a polycaprolactone electrospun augment for anterior cruciate ligament reconstruction. Materials Science and Engineering C, 2021, 129, 112414.	3.8	5
42	Osteoarthritis genetics: current status and future prospects. Future Rheumatology, 2007, 2, 607-620.	0.2	5
43	Comparison of Cellular Responses to TGF- $\beta$ 1 and BMP-2 Between Healthy and Torn Tendons. American Journal of Sports Medicine, 2021, 49, 1892-1903.	1.9	3
44	Research perspectivesâ€”Pipelines to human tendon transcriptomics. Journal of Orthopaedic Research, 2022, , .	1.2	3
45	95â€”An <i>in vitro</i> comparative analysis of scaffolds for the augmentation of rotator cuff repair. British Journal of Sports Medicine, 2014, 48, A62.1-A62.	3.1	1
46	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