

# Merissa Olmer

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

748  
citations

758635

12  
h-index

996533

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Krüppel-like factor-4 and Krüppel-like factor-2 are important regulators of joint tissue cells and protect against tissue destruction and inflammation in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1179-1188.	0.5	18
2	The mechanosensitive ion channel PIEZO1 is expressed in tendons and regulates physical performance. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	21
3	Mohawk is a transcription factor that promotes meniscus cell phenotype and tissue repair and reduces osteoarthritis severity. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	22
4	FOXO1 and FOXO3 transcription factors have unique functions in meniscus development and homeostasis during aging and osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3135-3143.	3.3	51
5	Wwp2 maintains cartilage homeostasis through regulation of Adamts5. <i>Nature Communications</i> , 2019, 10, 2429.	5.8	78
6	TAFI deficiency causes maladaptive vascular remodeling after hemophilic joint bleeding. <i>JCI Insight</i> , 2019, 4, .	2.3	8
7	FoxO transcription factors modulate autophagy and proteoglycan 4 in cartilage homeostasis and osteoarthritis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	189
8	FOXO are required for intervertebral disk homeostasis during aging and their deficiency promotes disk degeneration. <i>Aging Cell</i> , 2018, 17, e12800.	3.0	59
9	Platelet-derived growth factor-coated decellularized meniscus scaffold for integrative healing of meniscus tears. <i>Acta Biomaterialia</i> , 2018, 76, 126-134.	4.1	42
10	TWIST1 induces MMP3 expression through up-regulating DNA hydroxymethylation and promotes catabolic responses in human chondrocytes. <i>Scientific Reports</i> , 2017, 7, 42990.	1.6	16
11	Age-related reduction in the expression of FOXO transcription factors and correlations with intervertebral disc degeneration. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2682-2691.	1.2	60
12	Transthyretin deposition promotes progression of osteoarthritis. <i>Aging Cell</i> , 2017, 16, 1313-1322.	3.0	22
13	Expression of <i>Noggin</i> and <i>Gremlin1</i> and its implications in fine-tuning BMP activities in mouse cartilage tissues. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1671-1682.	1.2	11
14	Increased autophagy in CD4 <sup>+</sup> T cells of rheumatoid arthritis patients results in T cell hyperactivation and apoptosis resistance. <i>European Journal of Immunology</i> , 2016, 46, 2862-2870.	1.6	75
15	Vascular remodeling underlies rebleeding in hemophilic arthropathy. <i>American Journal of Hematology</i> , 2015, 90, 1027-1035.	2.0	76