

John A Collins

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,529
citations

840119

11
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

2097
citing authors

#	ARTICLE	IF	CITATIONS
1	Ageing and the pathogenesis of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 412-420.	3.5	745
2	Reactive oxygen species, aging and articular cartilage homeostasis. <i>Free Radical Biology and Medicine</i> , 2019, 132, 73-82.	1.3	337
3	Expression of p16 ^{INK4a} is a biomarker of chondrocyte aging but does not cause osteoarthritis. <i>Aging Cell</i> , 2018, 17, e12771.	3.0	111
4	Oxidative Stress Promotes Peroxiredoxin Hyperoxidation and Attenuates Pro-survival Signaling in Aging Chondrocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 6641-6654.	1.6	105
5	Targeting aging for disease modification in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2018, 30, 101-107.	2.0	87
6	Sirtuin 6 (SIRT6) regulates redox homeostasis and signaling events in human articular chondrocytes. <i>Free Radical Biology and Medicine</i> , 2021, 166, 90-103.	1.3	30
7	Decoding the Regulatory Landscape of Ageing in Musculoskeletal Engineered Tissues Using Genome-Wide DNA Methylation and RNASeq. <i>PLoS ONE</i> , 2016, 11, e0160517.	1.1	26
8	H ₂ O ₂ oxidation of cysteine residues in c-Jun N-terminal kinase 2 (JNK2) contributes to redox regulation in human articular chondrocytes. <i>Journal of Biological Chemistry</i> , 2018, 293, 16376-16389.	1.6	24
9	Deletion of JNK Enhances Senescence in Joint Tissues and Increases the Severity of Age-Related Osteoarthritis in Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 1679-1688.	2.9	21
10	Differential peroxiredoxin hyperoxidation regulates MAP kinase signaling in human articular chondrocytes. <i>Free Radical Biology and Medicine</i> , 2019, 134, 139-152.	1.3	18
11	Enzymatic Depletion of Mitochondrial Inorganic Polyphosphate (polyP) Increases the Generation of Reactive Oxygen Species (ROS) and the Activity of the Pentose Phosphate Pathway (PPP) in Mammalian Cells. <i>Antioxidants</i> , 2022, 11, 685.	2.2	15
12	Does Joint Injury Make Young Joints Old?. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2018, 26, e455-e456.	1.1	5
13	Overexpression of Peroxiredoxin 3 in Cartilage Reduces the Severity of Age-Related Osteoarthritis But Not Surgically Induced Osteoarthritis in Mice. <i>ACR Open Rheumatology</i> , 2022, 4, 441-446.	0.9	5
14	Reply. <i>Arthritis and Rheumatology</i> , 2020, 72, 2162-2163.	2.9	0