

Matt J Barter

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,258
citations

566801

15
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Multigenerational epigenetic adaptation of the hepatic wound-healing response. <i>Nature Medicine</i> , 2012, 18, 1369-1377.	15.2	257
2	Epigenetic mechanisms in cartilage and osteoarthritis: DNA methylation, histone modifications and microRNAs. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 339-349.	0.6	152
3	Characterization of the Cartilage DNA Methylome in Knee and Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2450-2460.	2.9	146
4	cAMP response element-binding (CREB) recruitment following a specific CpG demethylation leads to the elevated expression of the matrix metalloproteinase 13 in human articular chondrocytes and osteoarthritis. <i>FASEB Journal</i> , 2012, 26, 3000-3011.	0.2	96
5	HDAC-mediated control of ERK- and PI3K-dependent TGF- β ² -induced extracellular matrix-regulating genes. <i>Matrix Biology</i> , 2010, 29, 602-612.	1.5	74
6	Genome-Wide MicroRNA and Gene Analysis of Mesenchymal Stem Cell Chondrogenesis Identifies an Essential Role and Multiple Targets for miR-140-5p. <i>Stem Cells</i> , 2015, 33, 3266-3280.	1.4	72
7	Class I Histone Deacetylase Inhibition Modulates Metalloproteinase Expression and Blocks Cytokine-induced Cartilage Degradation. <i>Arthritis and Rheumatism</i> , 2013, 65, 1822-1830.	6.7	70
8	Long noncoding RNA <i>ROCR</i> contributes to SOX9 expression and chondrogenic differentiation of human mesenchymal stem cells. <i>Development (Cambridge)</i> , 2017, 144, 4510-4521.	1.2	70
9	Epigenetic Mechanisms and Non-coding RNAs in Osteoarthritis. <i>Current Rheumatology Reports</i> , 2013, 15, 353.	2.1	49
10	Protein Kinase C Isoforms β and δ Mediate Collagenase Expression and Cartilage Destruction via STAT3- and ERK-dependent c-fos Induction. <i>Journal of Biological Chemistry</i> , 2010, 285, 22414-22425.	1.6	45
11	miR-324-5p is up regulated in end-stage osteoarthritis and regulates Indian Hedgehog signalling by differing mechanisms in human and mouse. <i>Matrix Biology</i> , 2019, 77, 87-100.	1.5	37
12	Lipophilic statins prevent matrix metalloproteinase-mediated cartilage collagen breakdown by inhibiting protein geranylgeranylation. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2189-2198.	0.5	36
13	Identification of long non-coding RNAs expressed in knee and hip osteoarthritic cartilage. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 694-702.	0.6	34
14	Recent advances in understanding the regulation of metalloproteinases. <i>F1000Research</i> , 2019, 8, 195.	0.8	34
15	Protection against murine osteoarthritis by inhibition of the 26S proteasome and lysine-48 linked ubiquitination. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1580-1587.	0.5	27
16	DNA hypomethylation during MSC chondrogenesis occurs predominantly at enhancer regions. <i>Scientific Reports</i> , 2020, 10, 1169.	1.6	18
17	microRNA-seq of cartilage reveals an overabundance of miR-140-3p which contains functional isomiRs. <i>Rna</i> , 2020, 26, 1575-1588.	1.6	17
18	Kinetics Analysis of Circulating MicroRNAs Unveils Markers of Failed Myocardial Reperfusion. <i>Clinical Chemistry</i> , 2020, 66, 247-256.	1.5	8

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19	Dynamic chromatin accessibility landscape changes following interleukin-1 stimulation. <i>Epigenetics</i> , 2021, 16, 106-119.	1.3	8
20	HDAC6 regulates NF- κ B signalling to control chondrocyte IL-1-induced MMP and inflammatory gene expression. <i>Scientific Reports</i> , 2022, 12, 6640.	1.6	5