

Deborah J Mason

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,364
citations

430442

18
h-index

454577

30
g-index

36
all docs

36
docs citations

36
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevention of posttraumatic osteoarthritis at the time of injury: Where are we now, and where are we going?. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1152-1163.	1.2	14
2	AMPA/kainate glutamate receptor antagonists prevent posttraumatic osteoarthritis. <i>JCI Insight</i> , 2020, 5, .	2.3	4
3	Towards prevention of post-traumatic osteoarthritis: report from an international expert working group on considerations for the design and conduct of interventional studies following acute knee injury. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 23-33.	0.6	39
4	Inflammatory and degenerative phases resulting from anterior cruciate rupture in a noninvasive murine model of posttraumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2118-2127.	1.2	32
5	Improving the standardization of mRNA measurement by RT-qPCR. <i>Biomolecular Detection and Quantification</i> , 2018, 15, 13-17.	7.0	18
6	Phenotype and Viability of MLO-Y4 Cells Is Maintained by TGF β 3 in a Serum-Dependent Manner within a 3D-Co-Culture with MG-63 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1932.	1.8	5
7	Biological changes in tibial subchondral bone following high tibial osteotomy. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S511.	0.6	0
8	Recommendations for the conduct of efficacy trials of treatment devices for osteoarthritis: a report from a working group of the Arthritis Research UK Osteoarthritis and Crystal Diseases Clinical Studies Group: Box 1. <i>Rheumatology</i> , 2016, 55, 320-326.	0.9	15
9	Osteoclastogenesis-Related Cytokines and Peri-Prosthetic Osteolysis in Revision Metal-On-Metal Total Hip Replacements. <i>HIP International</i> , 2015, 25, 355-360.	0.9	6
10	AMPA/kainate glutamate receptors contribute to inflammation, degeneration and pain related behaviour in inflammatory stages of arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 242-251.	0.5	44
11	Deletion of P58IPK, the Cellular Inhibitor of the Protein Kinases PKR and PERK, Causes Bone Changes and Joint Degeneration in Mice. <i>Frontiers in Endocrinology</i> , 2014, 5, 174.	1.5	17
12	A New Method to Investigate How Mechanical Loading of Osteocytes Controls Osteoblasts. <i>Frontiers in Endocrinology</i> , 2014, 5, 208.	1.5	51
13	Considerations for accurate gene expression measurement by reverse transcription quantitative PCR when analysing clinical samples. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6471-6483.	1.9	65
14	Evaluation of Digital PCR for Absolute RNA Quantification. <i>PLoS ONE</i> , 2013, 8, e75296.	1.1	149
15	Glutamate signaling in bone. <i>Frontiers in Endocrinology</i> , 2012, 3, 97.	1.5	30
16	Protein kinase R plays a pivotal role in oncostatin M and interleukin-1 signalling in bovine articular cartilage chondrocytes. , 2012, 23, 41-57.		17
17	Type IX Collagen Interacts with Fibronectin Providing an Important Molecular Bridge in Articular Cartilage. <i>Journal of Biological Chemistry</i> , 2011, 286, 34986-34997.	1.6	35
18	Sphingomyelinase decreases type II collagen expression in bovine articular cartilage chondrocytes via the ERK signaling pathway. <i>Arthritis and Rheumatism</i> , 2008, 58, 209-220.	6.7	12

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19	A 3D culture system to investigate osteocyte control of osteoblasts. <i>Bone</i> , 2008, 42, S26-S27.	1.4	1
20	Modulation of interleukin-6 and matrix metalloproteinase 2 expression in human fibroblast-like synoviocytes by functional ionotropic glutamate receptors. <i>Arthritis and Rheumatism</i> , 2007, 56, 2523-2534.	6.7	44
21	Exogenous sphingomyelinase increases collagen and sulphated glycosaminoglycan production by primary articular chondrocytes: an in vitro study. <i>Arthritis Research and Therapy</i> , 2006, 8, R89.	1.6	17
22	Protein Kinase R: A Novel Mediator of Articular Cartilage Degradation in Arthritis. <i>Current Rheumatology Reviews</i> , 2006, 2, 9-21.	0.4	3
23	Does protein kinase R mediate TNF-alpha- and ceramide-induced increases in expression and activation of matrix metalloproteinases in articular cartilage by a novel mechanism?. <i>Arthritis Research</i> , 2004, 6, R46.	2.0	33
24	Glutamate signalling and its potential application to tissue engineering of bone. , 2004, 7, 12-26.		43
25	The effect of thymosin β 4 on articular cartilage chondrocyte matrix metalloproteinase expression. <i>Biochemical Society Transactions</i> , 2002, 30, 879-882.	1.6	90
26	Tumour necrosis factor β up-regulates protein kinase R (PKR)-activating protein (PACT) and increases phosphorylation of PKR and eukaryotic initiation factor 2 β in articular chondrocytes. <i>Biochemical Society Transactions</i> , 2002, 30, 886-889.	1.6	84
27	The glutamate transporter GLAST-1 (EAAT-1) is expressed in the plasma membrane of osteocytes and is responsive to extracellular glutamate concentration. <i>Biochemical Society Transactions</i> , 2002, 30, 890-893.	1.6	32
28	Up-Regulation of Matrix Metalloproteinase Expression and Activation Following Cyclical Compressive Loading of Articular Cartilage in Vitro. <i>Archives of Biochemistry and Biophysics</i> , 2001, 396, 49-55.	1.4	139
29	Absence of Evidence Is Not Evidence of Absence; The Shortcomings of the GLAST Knockout Mouse. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1729-1730.	3.1	6
30	The open reading frame of the Na ⁺ -dependent glutamate transporter GLAST-1 is expressed in bone and a splice variant of this molecule is expressed in bone and brain. <i>FEBS Letters</i> , 2000, 485, 13-18.	1.3	47
31	Mechanically regulated expression of a neural glutamate transporter in bone: A role for excitatory amino acids as osteotropic agents?. <i>Bone</i> , 1997, 20, 199-205.	1.4	204
32	Constitutive in vivo mRNA expression by osteocytes of β -actin, osteocalcin, connexin-43, IGF-I, c-fos and c-jun, but not TNF- β nor tartrate-resistant acid phosphatase. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 350-357.	3.1	53
33	An unusual mitochondrial DNA polymorphism in the <i>Chorthippus biguttulus</i> species group (Orthoptera: Acrididae). <i>Molecular Ecology</i> , 1995, 4, 121-126.	2.0	15
34	In vitro 3D osteoblast-osteocyte co-culture mechanical loading model. <i>Bone Abstracts</i> , 0, , .	0.0	0