Heather R Stanton

List of Publications by Year
in descending order

24 papers	3,060 citations	394421 19 h-index	642732 23 g-index
33 all docs	33 docs citations	33 times ranked	3129 citing authors

#	Article	IF	Citations
1	ADAMTS-9 in Mouse Cartilage Has Aggrecanase Activity That Is Distinct from ADAMTS-4 and ADAMTS-5. International Journal of Molecular Sciences, 2019, 20, 573.	4.1	12
2	Proteoglycan and Collagen Degradation in Osteoarthritis. , 2017, , 41-61.		6
3	A Disintegrin and Metalloproteinase with Thrombospondin Motifs-5 (ADAMTS-5) Forms Catalytically Active Oligomers. Journal of Biological Chemistry, 2016, 291, 3197-3208.	3.4	12
4	Proteoglycan degradation by the ADAMTS family of proteinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1616-1629.	3.8	148
5	Investigating ADAMTS-mediated aggrecanolysis in mouse cartilage. Nature Protocols, 2011, 6, 388-404.	12.0	63
6	Neoepitope Antibodies Against MMP-Cleaved and Aggrecanase-Cleaved Aggrecan. Methods in Molecular Biology, 2010, 622, 305-340.	0.9	21
7	Evidence of a novel aggrecanâ€degrading activity in cartilage: Studies of mice deficient in both ADAMTSâ€4 and ADAMTSâ€5. Arthritis and Rheumatism, 2008, 58, 1664-1673.	6.7	57
8	ADAMTS-5 Deficiency Does Not Block Aggrecanolysis at Preferred Cleavage Sites in the Chondroitin Sulfate-rich Region of Aggrecan. Journal of Biological Chemistry, 2007, 282, 8632-8640.	3.4	54
9	ADAMTS5 is the major aggrecanase in mouse cartilage in vivo and in vitro. Nature, 2005, 434, 648-652.	27.8	826
10	Cortisol enhances structural maturation of the hypoplastic fetal lung in sheep. Journal of Physiology, 2004, 554, 505-517.	2.9	25
11	The 45ÂkDa collagen-binding fragment of fibronectin induces matrix metalloproteinase-13 synthesis by chondrocytes and aggrecan degradation by aggrecanases. Biochemical Journal, 2002, 364, 181-190.	3.7	107
12	Matrix metalloproteinases are active following guanidine hydrochloride extraction of cartilage: generation of DIPEN neoepitope during dialysis. Matrix Biology, 2002, 21, 425-428.	3.6	13
13	Localisation of matrix metalloproteinases and TIMP-2 in resorbing mouse bone. Cell and Tissue Research, 2000, 299, 385-394.	2.9	42
14	Generation and Novel Distribution of Matrix Metalloproteinase-derived Aggrecan Fragments in Porcine Cartilage Explants. Journal of Biological Chemistry, 2000, 275, 33027-33037.	3.4	68
15	Evaluation of Some Newer Matrix Metalloproteinases. Annals of the New York Academy of Sciences, 1999, 878, 25-39.	3.8	90
16	Mechanisms for pro matrix metalloproteinase activation. Apmis, 1999, 107, 38-44.	2.0	406
17	MT1-MMP on the cell surface causes focal degradation of gelatin films. FEBS Letters, 1998, 421, 159-164.	2.8	99
18	Induction of matrix metalloproteinase activation cascades based on membrane-type 1 matrix metalloproteinase: associated activation of gelatinase A, gelatinase B and collagenase 3. Biochemical Journal, 1998, 331, 453-458.	3.7	166

#	Article	IF	Citations
19	G1 phase arrest of human smooth muscle cells by heparin, IL-4 and cAMP is linked to repression of cyclin D1 and cdk2. Atherosclerosis, 1997, 133, 61-69.	0.8	55
20	Cellular Mechanisms for Human Procollagenase-3 (MMP-13) Activation. Journal of Biological Chemistry, 1996, 271, 17124-17131.	3.4	644
21	The Recognition Sites of the Integrins Î±1Î²1 and Î±2Î²1 within Collagen IV Are Protected against Gelatinase A Attack in the Native Protein. Journal of Biological Chemistry, 1996, 271, 30964-30970.	3.4	27
22	Cytokine regulation of granulocyte-macrophage colony stimulating factor and macrophage colony-stimulating factor production in human arterial smooth muscle cells. Atherosclerosis, 1993, 99, 241-252.	0.8	80
23	Effects of macrophage-colony stimulating factor on human monocytes: Induction of expression of urokinase-type plasminogen activator, but not of secreted prostaglandin E2 , interleukin-6, interleukin-1, or tumor necrosis factor-a. Journal of Leukocyte Biology, 1993, 53, 707-714.	3.3	27
24	The effects of low density lipoprotein and high density lipoprotein on phosphoinositide hydrolysis in bovine aortic endothelial cells. Atherosclerosis, 1992, 92, 9-16.	0.8	12