

# Heather R Stanton

## List of Publications by Year in descending order

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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	ADAMTS5 is the major aggrecanase in mouse cartilage in vivo and in vitro. <i>Nature</i> , 2005, 434, 648-652.	27.8	826
2	Cellular Mechanisms for Human Procollagenase-3 (MMP-13) Activation. <i>Journal of Biological Chemistry</i> , 1996, 271, 17124-17131.	3.4	644
3	Mechanisms for pro matrix metalloproteinase activation. <i>Apmis</i> , 1999, 107, 38-44.	2.0	406
4	Induction of matrix metalloproteinase activation cascades based on membrane-type 1 matrix metalloproteinase: associated activation of gelatinase A, gelatinase B and collagenase 3. <i>Biochemical Journal</i> , 1998, 331, 453-458.	3.7	166
5	Proteoglycan degradation by the ADAMTS family of proteinases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1616-1629.	3.8	148
6	The 45 kDa collagen-binding fragment of fibronectin induces matrix metalloproteinase-13 synthesis by chondrocytes and aggrecan degradation by aggrecanases. <i>Biochemical Journal</i> , 2002, 364, 181-190.	3.7	107
7	MT1-MMP on the cell surface causes focal degradation of gelatin films. <i>FEBS Letters</i> , 1998, 421, 159-164.	2.8	99
8	Evaluation of Some Newer Matrix Metalloproteinases. <i>Annals of the New York Academy of Sciences</i> , 1999, 878, 25-39.	3.8	90
9	Cytokine regulation of granulocyte-macrophage colony stimulating factor and macrophage colony-stimulating factor production in human arterial smooth muscle cells. <i>Atherosclerosis</i> , 1993, 99, 241-252.	0.8	80
10	Generation and Novel Distribution of Matrix Metalloproteinase-derived Aggrecan Fragments in Porcine Cartilage Explants. <i>Journal of Biological Chemistry</i> , 2000, 275, 33027-33037.	3.4	68
11	Investigating ADAMTS-mediated aggrecanolysis in mouse cartilage. <i>Nature Protocols</i> , 2011, 6, 388-404.	12.0	63
12	Evidence of a novel aggrecan-degrading activity in cartilage: Studies of mice deficient in both ADAMTS4 and ADAMTS5. <i>Arthritis and Rheumatism</i> , 2008, 58, 1664-1673.	6.7	57
13	G1 phase arrest of human smooth muscle cells by heparin, IL-4 and cAMP is linked to repression of cyclin D1 and cdk2. <i>Atherosclerosis</i> , 1997, 133, 61-69.	0.8	55
14	ADAMTS-5 Deficiency Does Not Block Aggrecanolysis at Preferred Cleavage Sites in the Chondroitin Sulfate-rich Region of Aggrecan. <i>Journal of Biological Chemistry</i> , 2007, 282, 8632-8640.	3.4	54
15	Localisation of matrix metalloproteinases and TIMP-2 in resorbing mouse bone. <i>Cell and Tissue Research</i> , 2000, 299, 385-394.	2.9	42
16	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- $\alpha$ . <i>Journal of Leukocyte Biology</i> , 1993, 53, 707-714.	3.3	27
17	The Recognition Sites of the Integrins $\alpha 1 \beta 1$ and $\alpha 2 \beta 1$ within Collagen IV Are Protected against Gelatinase A Attack in the Native Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 30964-30970.	3.4	27
18	Cortisol enhances structural maturation of the hypoplastic fetal lung in sheep. <i>Journal of Physiology</i> , 2004, 554, 505-517.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Neopeptide Antibodies Against MMP-Cleaved and Aggrecanase-Cleaved Aggrecan. <i>Methods in Molecular Biology</i> , 2010, 622, 305-340.	0.9	21
20	Matrix metalloproteinases are active following guanidine hydrochloride extraction of cartilage: generation of DIPEN neopeptide during dialysis. <i>Matrix Biology</i> , 2002, 21, 425-428.	3.6	13
21	The effects of low density lipoprotein and high density lipoprotein on phosphoinositide hydrolysis in bovine aortic endothelial cells. <i>Atherosclerosis</i> , 1992, 92, 9-16.	0.8	12
22	A Disintegrin and Metalloproteinase with Thrombospondin Motifs-5 (ADAMTS-5) Forms Catalytically Active Oligomers. <i>Journal of Biological Chemistry</i> , 2016, 291, 3197-3208.	3.4	12
23	ADAMTS-9 in Mouse Cartilage Has Aggrecanase Activity That Is Distinct from ADAMTS-4 and ADAMTS-5. <i>International Journal of Molecular Sciences</i> , 2019, 20, 573.	4.1	12
24	Proteoglycan and Collagen Degradation in Osteoarthritis. , 2017, , 41-61.		6