# Suneel S Apte

List of Publications by Year
in descending order

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| 150 | 10,551 | 23500 | 58 | 35952 | 97 |
|---|---|---|---|---|---|
| papers | citations | | h-index | | g-index |

| 157 | 157 | 157 | 9560 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Invasive Aortic Valve Endocarditis: Clinical and Tissue Findings From a Prospective Investigation. Annals of Thoracic Surgery, 2022, 113, 535-543. | 0.7 | 5 |
| 2 | Isolation and Purification of Versican and Analysis of Versican. Methods in Molecular Biology, 2022, 2303, 559-578. | 0.4 | 2 |
| 3 | Forward and reverse degradomics defines the proteolytic landscape of human knee osteoarthritic cartilage and the role of the serine protease HtrA1. Osteoarthritis and Cartilage, 2022, 30, 1091-1102. | 0.6 | 15 |
| 4 | Proteolysis of fibrillin-2 microfibrils is essential for normal skeletal development. ELife, 2022, 11, . | 2.8 | 13 |
| 5 | Regulation of extracellular matrix composition by fibroblasts during perinatal cardiac maturation. Journal of Molecular and Cellular Cardiology, 2022, 169, 84-95. | 0.9 | 7 |
| 6 | Visualizing Staphylococcus aureus pathogenic membrane modification within the host infection environment by multimodal imaging mass spectrometry. Cell Chemical Biology, 2022, 29, 1209-1217.e4. | 2.5 | 4 |
| 7 | Proteolysis: a key post-translational modification regulating proteoglycans. American Journal of Physiology - Cell Physiology, 2022, 323, C651-C665. | 2.1 | 14 |
| 8 | ADAMTSL5 is an epigenetically activated gene underlying tumorigenesis and drug resistance in hepatocellular carcinoma. Journal of Hepatology, 2021, 74, 893-906. | 1.8 | 34 |
| 9 | The Pivotal Role of Versican Turnover by ADAMTS Proteases in Mammalian Reproduction and Development. Biology of Extracellular Matrix, 2021, , 35-51. | 0.3 | 0 |
| 10 | Alternative splicing of the metalloprotease ADAMTS17 spacer regulates secretion and modulates autoproteolytic activity. FASEB Journal, 2021, 35, e21310. | 0.2 | 7 |
| 11 | The versican-hyaluronan complex provides an essential extracellular matrix niche for Flk1+ hematoendothelial progenitors. Matrix Biology, 2021, 97, 40-57. | 1.5 | 14 |
| 12 | A new mouse mutant with cleavage-resistant versican and isoform-specific versican mutants demonstrate that proteolysis at the Glu441-Ala442 peptide bond in the V1 isoform is essential for interdigital web regression. Matrix Biology Plus, 2021, 10, 100064. | 1.9 | 16 |
| 13 | Identification of novel ADAMTS1, ADAMTS4 and ADAMTS5 cleavage sites in versican using a label-free quantitative proteomics approach. Journal of Proteomics, 2021, 249, 104358. | 1.2 | 16 |
| 14 | The extracellular matrix glycoprotein ADAMTSL2 is increased in heart failure and inhibits TGFÎ²2 signalling in cardiac fibroblasts. Scientific Reports, 2021, 11, 19757. | 1.6 | 20 |
| 15 | Post-translational regulation and proteolytic activity of the metalloproteinase ADAMTS8. Journal of Biological Chemistry, 2021, 297, 101323. | 1.6 | 14 |
| 16 | Aggrecan in Cardiovascular Development and Disease. Journal of Histochemistry and Cytochemistry, 2020, 68, 777-795. | 1.3 | 37 |
| 17 | O-Fucosylation of ADAMTSL2 is required for secretion and is impacted by geleophysic dysplasia-causing mutations. Journal of Biological Chemistry, 2020, 295, 15742-15753. | 1.6 | 15 |
| 18 | A novel pathogenic missense ADAMTS17 variant that impairs secretion causes Weill-Marchesani Syndrome with variably dysmorphic hand features. Scientific Reports, 2020, 10, 10827. | 1.6 | 13 |

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|---|---|---|---|
| 19 | The secreted protease Adamts18 links hormone action to activation of the mammary stem cell niche. Nature Communications, 2020, 11, 1571. | 5.8 | 37 |
| 20 | ADAMTS Proteins: Concepts, Challenges, and Prospects. Methods in Molecular Biology, 2020, 2043, 1-12. | 0.4 | 24 |
| 21 | Expression Analysis by RNAscopeâ„¢ In Situ Hybridization. Methods in Molecular Biology, 2020, 2043, 173-178. | 0.4 | 8 |
| 22 | Characterization of Proteoglycanomes by Mass Spectrometry. Biology of Extracellular Matrix, 2020, , 69-82. | 0.3 | 3 |
| 23 | Proteomics identifies a convergent innate response to infective endocarditis and extensive proteolysis in vegetation components. JCI Insight, 2020, 5, . | 2.3 | 18 |
| 24 | Vascular dimorphism ensured by regulated proteoglycan dynamics favors rapid umbilical artery closure at birth. ELife, 2020, 9, . | 2.8 | 16 |
| 25 | Visualization and Quantification of Pericellular Matrix. Methods in Molecular Biology, 2020, 2043, 261-264. | 0.4 | 0 |
| 26 | Interactions between lysyl oxidases and ADAMTS proteins suggest a novel crosstalk between two extracellular matrix families. Matrix Biology, 2019, 75-76, 114-125. | 1.5 | 17 |
| 27 | Exosites in Hypervariable Loops of ADAMTS Spacer Domains control Substrate Recognition and Proteolysis. Scientific Reports, 2019, 9, 10914. | 1.6 | 27 |
| 28 | ADAMTS9 and ADAMTS20 are differentially affected by loss of B3GLCT in mouse model of Peters plus syndrome. Human Molecular Genetics, 2019, 28, 4053-4066. | 1.4 | 23 |
| 29 | A disintegrin-like and metalloproteinase domain with thrombospondin type 1 motif 9 (ADAMTS9) regulates fibronectin fibrillogenesis and turnover. Journal of Biological Chemistry, 2019, 294, 9924-9936. | 1.6 | 22 |
| 30 | Disruption of the Extracellular Matrix Progressively Impairs Central Nervous System Vascular Maturation Downstream of Î²-Catenin Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1432-1447. | 1.1 | 14 |
| 31 | Limb- and tendon-specific Adamtsl2 deletion identifies a role for ADAMTSL2 in tendon growth in a mouse model for geleophysic dysplasia. Matrix Biology, 2019, 82, 38-53. | 1.5 | 21 |
| 32 | Secreted metalloproteases ADAMTS9 and ADAMTS20 have a non-canonical role in ciliary vesicle growth during ciliogenesis. Nature Communications, 2019, 10, 953. | 5.8 | 51 |
| 33 | Adamts10 inactivation in mice leads to persistence of ocular microfibrils subsequent to reduced fibrillin-2 cleavage. Matrix Biology, 2019, 77, 117-128. | 1.5 | 40 |
| 34 | Mutations of ADAMTS9 Cause Nephronophthisis-Related Ciliopathy. American Journal of Human Genetics, 2019, 104, 45-54. | 2.6 | 29 |
| 35 | ADAMTS9 Regulates Skeletal Muscle Insulin Sensitivity Through Extracellular Matrix Alterations. Diabetes, 2019, 68, 502-514. | 0.3 | 20 |
| 36 | A Selective Extracellular Matrix Proteomics Approach Identifies Fibronectin Proteolysis by A Disintegrin-like and Metalloprotease Domain with Thrombospondin Type 1 Motifs (ADAMTS16) and Its Impact on Spheroid Morphogenesis. Molecular and Cellular Proteomics, 2018, 17, 1410-1425. | 2.5 | 31 |

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| 37 | ADAMTS9-Regulated Pericellular Matrix Dynamics Governs Focal Adhesion-Dependent Smooth Muscle Differentiation. Cell Reports, 2018, 23, 485-498. | 2.9 | 41 |
| 38 | Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. Genome Biology, 2018, 19, 87. | 3.8 | 47 |
| 39 | ADAMTS proteins in human disorders. Matrix Biology, 2018, 71-72, 225-239. | 1.5 | 191 |
| 40 | The metalloproteinase-proteoglycans ADAMTS7 and ADAMTS12 provide an innate, tendon-specific protective mechanism against heterotopic ossification. JCI Insight, 2018, 3, . | 2.3 | 36 |
| 41 | Massive aggrecan and versican accumulation in thoracic aortic aneurysm and dissection. JCI Insight, 2018, 3, . | 2.3 | 118 |
| 42 | Unusual life cycle and impact on microfibril assembly of ADAMTS17, a secreted metalloprotease mutated in genetic eye disease. Scientific Reports, 2017, 7, 41871. | 1.6 | 56 |
| 43 | Versican Proteolysis by ADAMTS Proteases and Its Influence on Sex Steroid Receptor Expression in Uterine Leiomyoma. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1631-1641. | 1.8 | 14 |
| 44 | Identification and functional analysis of anADAMTSL1variant associated with a complex phenotype including congenital glaucoma, craniofacial, and other systemic features in a threeâ€generation human pedigree. Human Mutation, 2017, 38, 1485-1490. | 1.1 | 25 |
| 45 | Stromal Versican Regulates Tumor Growth by Promoting Angiogenesis. Scientific Reports, 2017, 7, 17225. | 1.6 | 63 |
| 46 | Adamts18 deletion results in distinct developmental defects and provides a model for congenital disorders of lens, lung, and female reproductive tract development. Biology Open, 2016, 5, 1585-1594. | 0.6 | 31 |
| 47 | Immunoregulatory roles of versican proteolysis in the myeloma microenvironment. Blood, 2016, 128, 680-685. | 0.6 | 119 |
| 48 | Impaired ADAMTS9 secretion: A potential mechanism for eye defects in Peters Plus Syndrome. Scientific Reports, 2016, 6, 33974. | 1.6 | 28 |
| 49 | Genetic and biochemical evidence that gastrulation defects in Pofut2 mutants result from defects in ADAMTS9 secretion. Developmental Biology, 2016, 416, 111-122. | 0.9 | 39 |
| 50 | ADAMTS3 activity is mandatory for embryonic lymphangiogenesis and regulates placental angiogenesis. Angiogenesis, 2016, 19, 53-65. | 3.7 | 77 |
| 51 | Anti-ADAMTS5 monoclonal antibodies: implications for aggrecanase inhibition in osteoarthritis. Biochemical Journal, 2016, 473, e1-e4. | 1.7 | 33 |
| 52 | ADAMTS9-Mediated Extracellular Matrix Dynamics Regulates Umbilical Cord Vascular Smooth Muscle Differentiation and Rotation. Cell Reports, 2015, 11, 1519-1528. | 2.9 | 53 |
| 53 | Metalloproteinases: A parade of functions in matrix biology and an outlook for the future. Matrix Biology, 2015, 44-46, 1-6. | 1.5 | 156 |
| 54 | Adamtsl2 deletion results in bronchial fibrillin microfibril accumulation and bronchial epithelial dysplasia â€“ a novel mouse model providing insights into geleophysic dysplasia. DMM Disease Models and Mechanisms, 2015, 8, 487-499. | 1.2 | 56 |

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| 55 | ADAMTS proteins as modulators of microfibril formation and function. Matrix Biology, 2015, 47, 34-43. | 1.5 | 130 |
| 56 | Disruption of murineAdamtsl4results in zonular fiber detachment from the lens and in retinal pigment epithelium dedifferentiation. Human Molecular Genetics, 2015, 24, ddv399. | 1.4 | 41 |
| 57 | Insights on ADAMTS proteases and ADAMTS-like proteins from mammalian genetics. Matrix Biology, 2015, 44-46, 24-37. | 1.5 | 144 |
| 58 | Isolation and Purification of Versican and Analysis of Versican Proteolysis. Methods in Molecular Biology, 2015, 1229, 587-604. | 0.4 | 16 |
| 59 | Overview of the ADAMTS Superfamily. , 2015, , 21-37. | | 0 |
| 60 | Time-resolved Analysis of the Matrix Metalloproteinase 10 Substrate Degradome. Molecular and Cellular Proteomics, 2014, 13, 580-593. | 2.5 | 48 |
| 61 | Determinants of Versican-V1 Proteoglycan Processing by the Metalloproteinase ADAMTS5. Journal of Biological Chemistry, 2014, 289, 27859-27873. | 1.6 | 49 |
| 62 | A new Adamts9 conditional mouse allele identifies its nonâ€redundant role in interdigital web regression. Genesis, 2014, 52, 702-712. | 0.8 | 47 |
| 63 | Human Eye Development Is Characterized by Coordinated Expression of Fibrillin Isoforms. Investigative Ophthalmology and Visual Science, 2014, 55, 7934-7944. | 3.3 | 33 |
| 64 | The multiple, complex roles of versican and its proteolytic turnover by ADAMTS proteases during embryogenesis. Matrix Biology, 2014, 35, 34-41. | 1.5 | 145 |
| 65 | The Role of the ADAMTS Proteins in the Intervertebral Disc. , 2014, , 125-135. | | 0 |
| 66 | Overcoming neuriteâ€inhibitory chondroitin sulfate proteoglycans in the astrocyte matrix. Glia, 2013, 61, 972-984. | 2.5 | 75 |
| 67 | Nonselective Assembly of Fibrillin 1 and Fibrillin 2 in the Rodent Ocular Zonule and in Cultured Cells: Implications for Marfan Syndrome. , 2013, 54, 8337. | | 43 |
| 68 | The biology of the extracellular matrix. Current Opinion in Rheumatology, 2013, 25, 65-70. | 2.0 | 113 |
| 69 | Versican Processing by a Disintegrin-like and Metalloproteinase Domain with Thrombospondin-1 Repeats Proteinases-5 and -15 Facilitates Myoblast Fusion. Journal of Biological Chemistry, 2013, 288, 1907-1917. | 1.6 | 65 |
| 70 | The ADAMTS Endopeptidases. , 2013, , 1149-1155. | | 1 |
| 71 | ADAMTS10. , 2013, , 1191-1194. | | 0 |
| 72 | ADAMTS9. , 2013, , 1186-1191. | | 0 |

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| 73 | A disintegrin-like and metalloprotease domain containing thrombospondin type 1 motif-like 5 (ADAMTSL5) is a novel fibrillin-1-, fibrillin-2-, and heparin-binding member of the ADAMTS superfamily containing a netrin-like module. Matrix Biology, 2012, 31, 398-411. | 1.5 | 45 |
| 74 | ADAMTSL4, a Secreted Glycoprotein Widely Distributed in the Eye, Binds Fibrillin-1 Microfibrils and Accelerates Microfibril Biogenesis. , 2012, 53, 461. | | 87 |
| 75 | Adamts5 (aggrecanaseâ€2) is widely expressed in the mouse musculoskeletal system and is induced in specific regions of knee joint explants by inflammatory cytokines. Journal of Orthopaedic Research, 2012, 30, 226-233. | 1.2 | 18 |
| 76 | Altered versican cleavage in ADAMTS5 deficient mice; A novel etiology of myxomatous valve disease. Developmental Biology, 2011, 357, 152-164. | 0.9 | 113 |
| 77 | Mutations in the TGFÎ² Binding-Protein-Like Domain 5 of FBN1 Are Responsible for Acromicric and Geleophysic Dysplasias. American Journal of Human Genetics, 2011, 89, 7-14. | 2.6 | 199 |
| 78 | Genetic and functional linkage between ADAMTS superfamily proteins and fibrillin-1: a novel mechanism influencing microfibril assembly and function. Cellular and Molecular Life Sciences, 2011, 68, 3137-3148. | 2.4 | 82 |
| 79 | ADAMTS10 Protein Interacts with Fibrillin-1 and Promotes Its Deposition in Extracellular Matrix of Cultured Fibroblasts. Journal of Biological Chemistry, 2011, 286, 17156-17167. | 1.6 | 122 |
| 80 | Pericellular Versican Regulates the Fibroblast-Myofibroblast Transition. Journal of Biological Chemistry, 2011, 286, 34298-34310. | 1.6 | 90 |
| 81 | An ADAMTSL2 Founder Mutation Causes Musladin-Lueke Syndrome, a Heritable Disorder of Beagle Dogs, Featuring Stiff Skin and Joint Contractures. PLoS ONE, 2010, 5, e12817. | 1.1 | 32 |
| 82 | Extracellular ProteaseADAMTS9Suppresses Esophageal and Nasopharyngeal Carcinoma Tumor Formation by Inhibiting Angiogenesis. Cancer Research, 2010, 70, 5567-5576. | 0.4 | 90 |
| 83 | Cell-surface Processing of the Metalloprotease Pro-ADAMTS9 Is Influenced by the Chaperone GRP94/gp96. Journal of Biological Chemistry, 2010, 285, 197-205. | 1.6 | 40 |
| 84 | Reduced versican cleavage due to Adamts9 haploinsufficiency is associated with cardiac and aortic anomalies. Matrix Biology, 2010, 29, 304-316. | 1.5 | 145 |
| 85 | MT1-MMP Is Required for Myeloid Cell Fusion via Regulation of Rac1 Signaling. Developmental Cell, 2010, 18, 77-89. | 3.1 | 108 |
| 86 | ADAMTS9 Is a Cell-Autonomously Acting, Anti-Angiogenic Metalloprotease Expressed by Microvascular Endothelial Cells. American Journal of Pathology, 2010, 176, 1494-1504. | 1.9 | 97 |
| 87 | Cooperation of two ADAMTS metalloproteases in closure of the mouse palate identifies a requirement for versican proteolysis in regulating palatal mesenchyme proliferation. Development (Cambridge), 2010, 137, 4029-4038. | 1.2 | 120 |
| 88 | In Situ Hybridization for Metalloproteinases and Their Inhibitors. Methods in Molecular Biology, 2010, 622, 195-209. | 0.4 | 1 |
| 89 | Post-translational Modification of Thrombospondin Type-1 Repeats in ADAMTS-like 1/Punctin-1 by C-Mannosylation of Tryptophan. Journal of Biological Chemistry, 2009, 284, 30004-30015. | 1.6 | 85 |
| 90 | Positional identification of variants of Adamts16 linked to inherited hypertension. Human Molecular Genetics, 2009, 18, 2825-2838. | 1.4 | 57 |

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| 91 | Adamts5, the gene encoding a proteoglycan-degrading metalloprotease, is expressed by specific cell lineages during mouse embryonic development and in adult tissues. Gene Expression Patterns, 2009, 9, 314-323. | 0.3 | 77 |
| 92 | A Disintegrin-like and Metalloprotease (Reprolysin-type) with Thrombospondin Type 1 Motif (ADAMTS) Superfamily: Functions and Mechanisms. Journal of Biological Chemistry, 2009, 284, 31493-31497. | 1.6 | 417 |
| 93 | ADAMTS Metalloproteases Generate Active Versican Fragments that Regulate Interdigital Web Regression. Developmental Cell, 2009, 17, 687-698. | 3.1 | 222 |
| 94 | Characterization of proADAMTS5 processing by proprotein convertases. International Journal of Biochemistry and Cell Biology, 2009, 41, 1116-1126. | 1.2 | 96 |
| 95 | Functional analysis of an ADAMTS10 signal peptide mutation in Weill-Marchesani syndrome demonstrates a long-range effect on secretion of the full-length enzyme. Human Mutation, 2008, 29, 1425-1434. | 1.1 | 45 |
| 96 | Characterization of a novel epigeneticallyâ€silenced, growthâ€suppressive gene, ADAMTS9, and its association with lymph node metastases in nasopharyngeal carcinoma. International Journal of Cancer, 2008, 123, 401-408. | 2.3 | 65 |
| 97 | ADAMTSL2 mutations in geleophysic dysplasia demonstrate a role for ADAMTS-like proteins in TGF-Î² bioavailability regulation. Nature Genetics, 2008, 40, 1119-1123. | 9.4 | 211 |
| 98 | The Secreted Metalloprotease ADAMTS20 Is Required for Melanoblast Survival. PLoS Genetics, 2008, 4, e1000003. | 1.5 | 102 |
| 99 | Matrix Metalloproteinase-14 Deficiency in Bone Marrowâ€“Derived Cells Promotes Collagen Accumulation in Mouse Atherosclerotic Plaques. Circulation, 2008, 117, 931-939. | 1.6 | 114 |
| 100 | Regulation of ADAMTS9 Secretion and Enzymatic Activity by Its Propeptide. Journal of Biological Chemistry, 2007, 282, 16146-16154. | 1.6 | 58 |
| 101 | Loss of MMP-2 disrupts skeletal and craniofacial development and results in decreased bone mineralization, joint erosion and defects in osteoblast and osteoclast growth. Human Molecular Genetics, 2007, 16, 1113-1123. | 1.4 | 202 |
| 102 | O-Fucosylation of Thrombospondin Type 1 Repeats in ADAMTS-like-1/Punctin-1 Regulates Secretion. Journal of Biological Chemistry, 2007, 282, 17024-17031. | 1.6 | 74 |
| 103 | Functional interplay between endothelial nitric oxide synthase and membrane type 1â€“matrix metalloproteinase in migrating endothelial cells. Blood, 2007, 110, 2916-2923. | 0.6 | 55 |
| 104 | ADAMTS-like 2 (ADAMTSL2) is a secreted glycoprotein that is widely expressed during mouse embryogenesis and is regulated during skeletal myogenesisâ¯†. Matrix Biology, 2007, 26, 431-441. | 1.5 | 50 |
| 105 | ADAMTSL3/punctin-2, a gene frequently mutated in colorectal tumors, is widely expressed in normal and malignant epithelial cells, vascular endothelial cells and other cell types, and its mRNA is reduced in colon cancer. International Journal of Cancer, 2007, 121, 1710-1716. | 2.3 | 26 |
| 106 | Regulation of procollagen amino-propeptide processing during mouse embryogenesis by specialization of homologous ADAMTS proteases: insights on collagen biosynthesis and dermatosparaxis. Development (Cambridge), 2006, 133, 1587-1596. | 1.2 | 94 |
| 107 | Cell-surface Processing of Pro-ADAMTS9 by Furin. Journal of Biological Chemistry, 2006, 281, 12485-12494. | 1.6 | 55 |
| 108 | Adamts9 is widely expressed during mouse embryo development. Gene Expression Patterns, 2005, 5, 609-617. | 0.3 | 87 |

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| 109 | ADAMTS-9 is synergistically induced by interleukin-1Î² and tumor necrosis factor Î± in OUMS-27 chondrosarcoma cells and in human chondrocytes. Arthritis and Rheumatism, 2005, 52, 1451-1460. | 6.7 | 94 |
| 110 | ADAMTS3 and ADAMTS14. , 2005, , 283-298. | | 0 |
| 111 | Membrane Type 1-Matrix Metalloproteinase Is Regulated by Chemokines Monocyte-Chemoattractant Protein-1/CCL2 and Interleukin-8/CXCL8 in Endothelial Cells during Angiogenesis. Journal of Biological Chemistry, 2005, 280, 1292-1298. | 1.6 | 95 |
| 112 | The characterisation of six ADAMTS proteases in the basal chordate Ciona intestinalis provides new insights into the vertebrate ADAMTS family. International Journal of Biochemistry and Cell Biology, 2005, 37, 1838-1845. | 1.2 | 55 |
| 113 | Distinctive functions of membrane type 1 matrix-metalloprotease (MT1-MMP or MMP-14) in lung and submandibular gland development are independent of its role in pro-MMP-2 activation. Developmental Biology, 2005, 277, 255-269. | 0.9 | 121 |
| 114 | Discovery and Characterization of a Novel, Widely Expressed Metalloprotease, ADAMTS10, and Its Proteolytic Activation. Journal of Biological Chemistry, 2004, 279, 51208-51217. | 1.6 | 73 |
| 115 | Induction of the MMP-14 Gene in Macrophages of the Atherosclerotic Plaque. Circulation Research, 2004, 95, 1082-1090. | 2.0 | 46 |
| 116 | ADAMTS7B, the Full-length Product of the ADAMTS7 Gene, Is a Chondroitin Sulfate Proteoglycan Containing a Mucin Domain. Journal of Biological Chemistry, 2004, 279, 35159-35175. | 1.6 | 87 |
| 117 | A disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motifs: the ADAMTS family. International Journal of Biochemistry and Cell Biology, 2004, 36, 981-985. | 1.2 | 234 |
| 118 | The ADAMTS endopeptidases. , 2004, , 729-734. | | 0 |
| 119 | ADAMTSL-3/punctin-2, a novel glycoprotein in extracellular matrix related to the ADAMTS family of metalloproteases. Matrix Biology, 2003, 22, 501-510. | 1.5 | 57 |
| 120 | Matrix metalloproteinases: old dogs with new tricks. Genome Biology, 2003, 4, 216. | 13.9 | 252 |
| 121 | Characterization of ADAMTS-9 and ADAMTS-20 as a Distinct ADAMTS Subfamily Related to Caenorhabditis elegans GON-1. Journal of Biological Chemistry, 2003, 278, 9503-9513. | 1.6 | 288 |
| 122 | A defect in a novel ADAMTS family member is the cause of the belted white-spotting mutation. Development (Cambridge), 2003, 130, 4665-4672. | 1.2 | 80 |
| 123 | An update on metalloproteases in the musculoskeletal system. Current Opinion in Orthopaedics, 2003, 14, 322-328. | 0.3 | 3 |
| 124 | Punctin, a Novel ADAMTS-like Molecule, ADAMTSL-1, in Extracellular Matrix. Journal of Biological Chemistry, 2002, 277, 12182-12189. | 1.6 | 89 |
| 125 | Procollagen II Amino Propeptide Processing by ADAMTS-3. Journal of Biological Chemistry, 2001, 276, 31502-31509. | 1.6 | 209 |
| 126 | ADAM-TS5, ADAM-TS6, and ADAM-TS7, Novel Members of a New Family of Zinc Metalloproteases. Journal of Biological Chemistry, 1999, 274, 25555-25563. | 1.6 | 187 |

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| 127 | Egr-1 Mediates Extracellular Matrix-driven Transcription of Membrane Type 1 Matrix Metalloproteinase in Endothelium. Journal of Biological Chemistry, 1999, 274, 22679-22685. | 1.6 | 168 |
| 128 | Human Tissue Inhibitor of Metalloproteinases 3 Interacts with Both the N- and C-terminal Domains of Gelatinases A and B. Journal of Biological Chemistry, 1999, 274, 10846-10851. | 1.6 | 103 |
| 129 | ADAM-TS8, a Novel Metalloprotease of the ADAM-TS Family Located on Mouse Chromosome 9 and Human Chromosome 11. Genomics, 1999, 62, 312-315. | 1.3 | 30 |
| 130 | Mapping of Two Mouse Membrane-Type Matrix Metalloproteinase (MT-MMP) Genes,Mmp15andMmp16,to Mouse Chromosomes 8 and 4, Respectively. Genomics, 1998, 50, 295-297. | 1.3 | 0 |
| 131 | Cloning of the Human Tissue Inhibitor of Metalloproteinase-4 Gene (TIMP4) and Localization of the TIMP4 andTimp4Genes to Human Chromosome 3p25 and Mouse Chromosome 6, Respectively. Genomics, 1998, 51, 148-151. | 1.3 | 34 |
| 132 | Production of Membrane-type Matrix Metalloproteinase-1 (MT-MMP-1) in Early Human Placenta: A Possible Role in Placental Implantation?. Journal of Histochemistry and Cytochemistry, 1998, 46, 221-229. | 1.3 | 51 |
| 133 | The Matrix Metalloproteinase-14 (MMP-14) Gene Is Structurally Distinct from Other MMP Genes and Is Co-expressed with the TIMP-2 Gene during Mouse Embryogenesis. Journal of Biological Chemistry, 1997, 272, 25511-25517. | 1.6 | 130 |
| 134 | Genes of the Membrane-Type Matrix Metalloproteinase (MT-MMP) Gene Family, MMP14, MMP15, and MMP16, Localize to Human Chromosomes 14, 16, and 8, Respectively. Genomics, 1997, 40, 168-169. | 1.3 | 30 |
| 135 | Murine tissue inhibitor of metalloproteinases-4 (Timp -4): cDNA isolation and expression in adult mouse tissues 1. FEBS Letters, 1997, 401, 213-217. | 1.3 | 167 |
| 136 | TIMP-3 Accumulation in Bruchâ€™s Membrane and Drusen in Eyes From Normal and Age-Related Macular Degeneration Donors. , 1997, , 11-15. | | 4 |
| 137 | A review of tissue inhibitor of metalloproteinases-3 (TIMP-3) and experimental analysis of its effect on primary tumor growth. Biochemistry and Cell Biology, 1996, 74, 853-862. | 0.9 | 149 |
| 138 | Oncostatin M Differentially Regulates Tissue Inhibitors of Metalloproteinases TIMP-1 and TIMP-3 Gene Expression in Human Synovial Lining Cells. FEBS Journal, 1996, 241, 56-63. | 0.2 | 55 |
| 139 | 92-kDa type IV collagenase and TIMP-3, but not 72-kDa type IV collagenase or TIMP-1 or TIMP-2, are highly expressed during mouse embryo implantation. Developmental Dynamics, 1995, 202, 388-396. | 0.8 | 112 |
| 140 | The Gene Structure of Tissue Inhibitor of Metalloproteinases (TIMP)-3 and Its Inhibitory Activities Define the Distinct TIMP Gene Family. Journal of Biological Chemistry, 1995, 270, 14313-14318. | 1.6 | 260 |
| 141 | Mapping of the human BAX gene to chromosome 19q13.3â€“q13.4 and isolation of a novel alternatively spliced transcript, BAXÎ´. Genomics, 1995, 26, 592-594. | 1.3 | 95 |
| 142 | Modulated Expression of Type X Collagen in the Meckel's Cartilage with Different Developmental Fates. Developmental Biology, 1995, 170, 387-396. | 0.9 | 52 |
| 143 | The highly conserved defender against the death 1 (DAD1) gene maps to human chromosome 14q11-q12 and mouse chromosome 14 and has plant and nematode homologs. FEBS Letters, 1995, 363, 304-306. | 1.3 | 37 |
| 144 | Gene encoding a novel murine tissue inhibitor of metalloproteinases (TIMP), TIMP-3, is expressed in developing mouse epithelia, cartilage, and muscle, and is located on mouse chromosome 10. Developmental Dynamics, 1994, 200, 177-197. | 0.8 | 124 |

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| 145 | Cloning of the cDNA Encoding Human Tissue Inhibitor of Metalloproteinases-3 (TIMP-3) and Mapping of the TIMP3 Gene to Chromosome 22. Genomics, 1994, 19, 86-90. | 1.3 | 214 |
| 146 | [1] Nonfibrillar collagens. Methods in Enzymology, 1994, 245, 3-28. | 0.4 | 25 |
| 147 | A type X collagen mutation causes Schmid metaphyseal chondrodysplasia. Nature Genetics, 1993, 5, 79-82. | 9.4 | 253 |
| 148 | Characterization of the Mouse Type X Collagen Gene. Matrix Biology, 1993, 13, 165-179. | 1.8 | 31 |
| 149 | Cloning of the human and mouse type X collagen genes and mapping of the mouse type X collagen gene to chromosome 10. FEBS Journal, 1992, 206, 217-224. | 0.2 | 83 |
| 150 | Expression of the cell proliferation-associated nuclear antigen reactive with the Ki-67 monoclonal antibody by cells of the skeletal system in humans and other species. Bone and Mineral, 1990, 10, 37-50. | 2.0 | 4 |