Anthony J Day

List of Publications by Year
in descending order

172	13,358	14644 66	24961 109
papers	citations	h-index	g-index

181	181	181	11258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyaluronan-binding Proteins: Tying Up the Giant. Journal of Biological Chemistry, 2002, 277, 4585-4588.	1.6	479
2	Hyaluronan and Homeostasis: A Balancing Act. Journal of Biological Chemistry, 2002, 277, 4581-4584.	1.6	407
3	PTX3 plays a key role in the organization of the cumulus oophorus extracellular matrix and in in vivo fertilization. Development (Cambridge), 2004, 131, 1577-1586.	1.2	385
4	Impaired cumulus mucification and female sterility in tumor necrosis factor-induced protein-6 deficient mice. Development (Cambridge), 2003, 130, 2253-2261.	1.2	342
5	TSG-6: a multifunctional protein associated with inflammation. Journal of Cell Science, 2003, 116, 1863-1873.	1.2	331
6	Structure-function relationships of the complement components. Trends in Immunology, 1989, 10, 177-180.	7.5	325
7	Structures of the Cd44â€“hyaluronan complex provide insight into a fundamental carbohydrate-protein interaction. Nature Structural and Molecular Biology, 2007, 14, 234-239.	3.6	314
8	Solution Structure of the Link Module: A Hyaluronan-Binding Domain Involved in Extracellular Matrix Stability and Cell Migration. Cell, 1996, 86, 767-775.	13.5	293
9	Hyaluronan cross-linking: a protective mechanism in inflammation?. Trends in Immunology, 2005, 26, 637-643.	2.9	290
10	Supramolecular synergy in the boundary lubrication of synovial joints. Nature Communications, 2015, 6, 6497.	5.8	254
11	Three-dimensional structure of a complement control protein module in solution. Journal of Molecular Biology, 1991, 219, 717-725.	2.0	240
12	Structure of the Regulatory Hyaluronan Binding Domain in the Inflammatory Leukocyte Homing Receptor CD44. Molecular Cell, 2004, 13, 483-496.	4.5	228
13	TSG-6: A multifunctional protein with anti-inflammatory and tissue-protective properties. Matrix Biology, 2019, 78-79, 60-83.	1.5	194
14	Analysis of CD44-Hyaluronan Interactions in an Artificial Membrane System. Journal of Biological Chemistry, 2010, 285, 30170-30180.	1.6	187
15	Shiga Toxin Activates Complement and Binds Factor H: Evidence for an Active Role of Complement in Hemolytic Uremic Syndrome. Journal of Immunology, 2009, 182, 6394-6400.	0.4	179
16	Hyaluronan: polysaccharide chaos to protein organisation. Current Opinion in Structural Biology, 2001, 11, 617-622.	2.6	171
17	Structural basis for complement factor Hâ€“linked age-related macular degeneration. Journal of Experimental Medicine, 2007, 204, 2277-2283.	4.2	168
18	His-384 Allotypic Variant of Factor H Associated with Age-related Macular Degeneration Has Different Heparin Binding Properties from the Non-disease-associated Form. Journal of Biological Chemistry, 2006, 281, 24713-24720.	1.6	161

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19	Impaired Binding of the Age-related Macular Degeneration-associated Complement Factor H 402H Allotype to Bruch's Membrane in Human Retina. Journal of Biological Chemistry, 2010, 285, 30192-30202.	1.6	159
20	Identification of CD44 Residues Important for Hyaluronan Binding and Delineation of the Binding Site. Journal of Biological Chemistry, 1998, 273, 338-343.	1.6	158
21	Characterization of Complexes Formed between TSG-6 andInter-Î±-inhibitor That Act as Intermediates in the Covalent Transfer ofHeavy Chains ontoHyaluronan*. Journal of Biological Chemistry, 2005, 280, 25674-25686.	1.6	150
22	TSG-6 Modulates the Interaction between Hyaluronan and Cell Surface CD44. Journal of Biological Chemistry, 2004, 279, 25745-25754.	1.6	149
23	Complement factor H in host defense and immune evasion. Cellular and Molecular Life Sciences, 2017, 74, 1605-1624.	2.4	148
24	TSG-6 Inhibits Neutrophil Migration via Direct Interaction with the Chemokine CXCL8. Journal of Immunology, 2014, 192, 2177-2185.	0.4	147
25	The C-type carbohydrate recognition domain (CRD) superfamily. Biochemical Society Transactions, 1994, 22, 83-88.	1.6	143
26	Molecular and functional characterization of amylin, a peptide associated with type 2 diabetes mellitus.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9662-9666.	3.3	139
27	Decreased Expression of Tumor Necrosis Factor-Î±-Stimulated Gene 6 in Cumulus Cells of the Cyclooxygenase-2 and EP2 Null Mice. Endocrinology, 2003, 144, 1008-1019.	1.4	135
28	Amylin and the amylin gene: structure, function and relationship to islet amyloid and to diabetes mellitus. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1014, 247-258.	1.9	134
29	Disrupted Function of Tumor Necrosis Factor-Î±-Stimulated Gene 6 Blocks Cumulus Cell-Oocyte Complex Expansion. Endocrinology, 2003, 144, 4376-4384.	1.4	134
30	Tissue-Specific Host Recognition by Complement Factor H Is Mediated by Differential Activities of Its Glycosaminoglycan-Binding Regions. Journal of Immunology, 2013, 190, 2049-2057.	0.4	133
31	The Factor H Variant Associated with Age-related Macular Degeneration (His-384) and the Non-disease-associated Form Bind Differentially to C-reactive Protein, Fibromodulin, DNA, and Necrotic Cells. Journal of Biological Chemistry, 2007, 282, 10894-10900.	1.6	126
32	Structural Characterization of PTX3 Disulfide Bond Network and Its Multimeric Status in Cumulus Matrix Organization. Journal of Biological Chemistry, 2008, 283, 10147-10161.	1.6	121
33	Articular Cartilage Proteoglycans As Boundary Lubricants: Structure and Frictional Interaction of Surface-Attached Hyaluronan and Hyaluronanâ€“Aggrecan Complexes. Biomacromolecules, 2011, 12, 3432-3443.	2.6	120
34	Age-related macular degeneration and the role of the complement system. Molecular Immunology, 2015, 67, 43-50.	1.0	120
35	The Inflammation-associated Protein TSG-6 Cross-links Hyaluronan via Hyaluronan-induced TSG-6 Oligomers. Journal of Biological Chemistry, 2011, 286, 25675-25686.	1.6	119
36	Short leucine-rich glycoproteins of the extracellular matrix display diverse patterns of complement interaction and activation. Molecular Immunology, 2009, 46, 830-839.	1.0	118

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37	Two Distinct Populations of Tumor Necrosis Factor-Stimulated Gene-6 Protein in the Extracellular Matrix of Expanded Mouse Cumulus Cellâ€“Oocyte Complexes. Archives of Biochemistry and Biophysics, 2001, 394, 173-181.	1.4	114
38	The Link Module from Human TSG-6 Inhibits Neutrophil Migration in a Hyaluronan- and Inter-Î±-inhibitor-independent Manner. Journal of Biological Chemistry, 2002, 277, 51068-51076.	1.6	109
39	Biochemical Characterization and Function of Complexes Formed by Hyaluronan and the Heavy Chains of Inter-Î±-inhibitor (HCÂ·HA) Purified from Extracts of Human Amniotic Membrane. Journal of Biological Chemistry, 2009, 284, 20136-20146.	1.6	109
40	The Angiogenic Inhibitor Long Pentraxin PTX3 Forms an Asymmetric Octamer with Two Binding Sites for FGF2. Journal of Biological Chemistry, 2010, 285, 17681-17692.	1.6	106
41	Up-regulation and differential expression of the hyaluronan-binding protein TSG-6 in cartilage and synovium in rheumatoid arthritis and osteoarthritis. Osteoarthritis and Cartilage, 2001, 9, 42-48.	0.6	105
42	Mapping the Differential Distribution of Glycosaminoglycans in the Adult Human Retina, Choroid, and Sclera. , 2011, 52, 6511.		103
43	Secondary structure of the complement control protein module by two-dimensional proton NMR. Biochemistry, 1991, 30, 997-1004.	1.2	102
44	Defective lung function following influenza virus is due to prolonged, reversible hyaluronan synthesis. Matrix Biology, 2019, 80, 14-28.	1.5	100
45	Novel methods for the preparation and characterization of hyaluronan oligosaccharides of defined length. Glycobiology, 2001, 11, 1025-1033.	1.3	99
46	Hyaluronan and Hyaluronan-Binding Proteins Accumulate in Both Human Type 1 Diabetic Islets and Lymphoid Tissues and Associate With Inflammatory Cells in Insulitis. Diabetes, 2014, 63, 2727-2743.	0.3	98
47	Localization and characterization of the hyaluronan-binding site on the Link module from human TSG-6. Structure, 2000, 8, 763-774.	1.6	95
48	Characterization of hyaluronan cable structure and function in renal proximal tubular epithelial cells. Kidney International, 2006, 70, 1287-1295.	2.6	92
49	The Anti-inflammatory Protein TSG-6 Regulates Chemokine Function by Inhibiting Chemokine/Glycosaminoglycan Interactions. Journal of Biological Chemistry, 2016, 291, 12627-12640.	1.6	88
50	The C1q and collectin binding site within C1 q receptor (cell surface calreticulin). Immunopharmacology, 1997, 38, 73-80.	2.0	87
51	TSG-6 Is Concentrated in the Extracellular Matrix of Mouse Cumulus Oocyte Complexes Through Hyaluronan and Inter-Alpha-Inhibitor Binding1. Biology of Reproduction, 2001, 65, 301-308.	1.2	87
52	Binding of Hyaluronan to the Native Lymphatic Vessel Endothelial Receptor LYVE-1 Is Critically Dependent on Receptor Clustering and Hyaluronan Organization. Journal of Biological Chemistry, 2016, 291, 8014-8030.	1.6	87
53	Selective inhibition of ADAMTS-1, -4 and -5 by catechin gallate esters. FEBS Journal, 2003, 270, 2394-2403.	0.2	83
54	Complement factor H and age-related macular degeneration: the role of glycosaminoglycan recognition in disease pathology. Biochemical Society Transactions, 2010, 38, 1342-1348.	1.6	83

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55	Expression and Purification of Functionally Active Hyaluronan-binding Domains from Human Cartilage Link Protein, Aggrecan and Versican. Journal of Biological Chemistry, 2005, 280, 5435-5448.	1.6	82
56	Mapping the Hyaluronan-binding Site on the Link Module from Human Tumor Necrosis Factor-stimulated Gene-6 by Site-directed Mutagenesis. Journal of Biological Chemistry, 2001, 276, 22764-22771.	1.6	81
57	The Link Module from Ovulation- and Inflammation-associated Protein TSG-6 Changes Conformation on Hyaluronan Binding. Journal of Biological Chemistry, 2003, 278, 49261-49270.	1.6	81
58	Monocyte-to-Macrophage Differentiation. Journal of Biological Chemistry, 2012, 287, 14122-14135.	1.6	81
59	Mapping the Differential Distribution of Proteoglycan Core Proteins in the Adult Human Retina, Choroid, and Sclera. , 2012, 53, 7528.		80
60	IL-13 is a driver of COVID-19 severity. JCI Insight, 2021, 6, .	2.3	80
61	Characterization of the Interaction between Tumor Necrosis Factor-stimulated Gene-6 and Heparin. Journal of Biological Chemistry, 2005, 280, 27044-27055.	1.6	79
62	Coregulation in human leukocytes of the long pentraxin PTX3 and TSG-6. Journal of Leukocyte Biology, 2009, 86, 123-132.	1.5	77
63	Inhibition of hyaluronan synthesis restores immune tolerance during autoimmune insulitis. Journal of Clinical Investigation, 2015, 125, 3928-3940.	3.9	76
64	Complementing the Sugar Code: Role of GAGs and Sialic Acid in Complement Regulation. Frontiers in Immunology, 2015, 6, 25.	2.2	74
65	Normal and Shear Interactions between Hyaluronanâ€“Aggrecan Complexes Mimicking Possible Boundary Lubricants in Articular Cartilage in Synovial Joints. Biomacromolecules, 2012, 13, 3823-3832.	2.6	72
66	Hyaluronan Fragments/CD44 Mediate Oxidative Stressâ€“Induced MUC5B Up-Regulation in Airway Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 277-285.	1.4	71
67	Surface Gradient of Functional Heparin. Advanced Materials, 2008, 20, 1166-1169.	11.1	70
68	Towards a Structure for a TSG-6Â·Hyaluronan Complex by Modeling and NMR Spectroscopy. Journal of Biological Chemistry, 2005, 280, 18189-18201.	1.6	69
69	Long Pentraxin 3/Tumor Necrosis Factor-Stimulated Gene-6 Interaction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 696-703.	1.1	69
70	Hyaluronan Binding Properties of a CD44 Chimera Containing the Link Module of TSG-6. Journal of Biological Chemistry, 2002, 277, 26600-26608.	1.6	67
71	Incorporation of Pentraxin 3 into Hyaluronan Matrices Is Tightly Regulated and Promotes Matrix Cross-linking. Journal of Biological Chemistry, 2014, 289, 30481-30498.	1.6	67
72	Overlapping sites on the Link module of human TSG-6 mediate binding to hyaluronan and chondroitin-4-sulphate. FEBS Letters, 1997, 410, 413-417.	1.3	66

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73	Induction of the Hyaluronic Acid-Binding Protein, Tumor Necrosis Factor-Stimulated Gene-6, in Cervical Smooth Muscle Cells by Tumor Necrosis Factor-Î± and Prostaglandin E2. American Journal of Pathology, 2002, 160, 1495-1502.	1.9	66
74	Characterization of a Functional Hyaluronan-Binding Domain from the Human CD44 Molecule Expressed inEscherichia coli. Protein Expression and Purification, 1998, 14, 371-381.	0.6	65
75	TSG-6 Potentiates the Antitissue Kallikrein Activity of Interâ€“Î±-inhibitor through Bikunin Release. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 20-31.	1.4	64
76	Characterization of hyaluronan and TSGâ€6 in skin scarring: differential distribution in keloid scars, normal scars and unscarred skin. Journal of the European Academy of Dermatology and Venereology, 2011, 25, 317-327.	1.3	64
77	Specificity of the Tumor Necrosis Factor-induced Protein 6-mediated Heavy Chain Transfer from Inter-Î±-trypsin Inhibitor to Hyaluronan. Journal of Biological Chemistry, 2004, 279, 11119-11128.	1.6	61
78	Inter-Î±-inhibitor Impairs TSG-6-induced Hyaluronan Cross-linking. Journal of Biological Chemistry, 2013, 288, 29642-29653.	1.6	60
79	The Role of Complement in Age-Related Macular Degeneration: Heparan Sulphate, a ZIP Code for Complement Factor H?. Journal of Innate Immunity, 2014, 6, 407-416.	1.8	60
80	Age-Dependent Changes in Heparan Sulfate in Human Bruch's Membrane: Implications for Age-Related Macular Degeneration. , 2014, 55, 5370.		60
81	TSG-6 interacts with hyaluronan and aggrecan in a pH-dependent manner via a common functional element: implications for its regulation in inflamed cartilage. FEBS Letters, 1998, 428, 171-176.	1.3	58
82	Constitutive Expression of Inter-Î±-inhibitor (IÎ±I) Family Proteins and Tumor Necrosis Factor-stimulated Gene-6 (TSG-6) by Human Amniotic Membrane Epithelial and Stromal Cells Supporting Formation of the Heavy Chain-Hyaluronan (HC-HA) Complex. Journal of Biological Chemistry, 2012, 287, 12433-12444.	1.6	58
83	The Inter-Î±-Trypsin Inhibitor Family: Versatile Molecules in Biology and Pathology. Journal of Histochemistry and Cytochemistry, 2020, 68, 907-927.	1.3	58
84	Sequence polymorphism of human complement factor H. Immunogenetics, 1988, 27, 211-214.	1.2	57
85	Use of 15N-NMR to resolve molecular details in isotopically-enriched carbohydrates: sequence-specific observations in hyaluronan oligomers up to decasaccharides. Glycobiology, 2004, 14, 999-1009.	1.3	56
86	Ultra-low friction between boundary layers of hyaluronan-phosphatidylcholine complexes. Acta Biomaterialia, 2017, 59, 283-292.	4.1	56
87	Tumor Necrosis Factor-stimulated Gene-6 (TSG-6) Is Constitutively Expressed in Adult Central Nervous System (CNS) and Associated with Astrocyte-mediated Glial Scar Formation following Spinal Cord Injury. Journal of Biological Chemistry, 2016, 291, 19939-19952.	1.6	55
88	Glycosaminoglycans in extracellular matrix organisation: are concepts from soft matter physics key to understanding the formation of perineuronal nets?. Current Opinion in Structural Biology, 2018, 50, 65-74.	2.6	54
89	Overexpression, Purification, and Refolding of Link Module from Human TSG-6 inEscherichia coli:Effect of Temperature, Media, and Mutagenesis on Lysine Misincorporation at Arginine AGA Codons. Protein Expression and Purification, 1996, 8, 1-16.	0.6	51
90	A Novel Allelic Variant of the Human TSG-6 Gene Encoding an Amino Acid Difference in the CUB Module. Journal of Biological Chemistry, 2002, 277, 15354-15362.	1.6	51

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91	Identification and Characterization of a Novel Interaction between Pulmonary Surfactant Protein D and Decorin. Journal of Biological Chemistry, 2003, 278, 25678-25687.	1.6	51
92	Inhibitory Effects of TSG-6 Link Module on Leukocyteâ€“Endothelial Cell InteractionsIn VitroandIn Vivo. Microcirculation, 2004, 11, 615-624.	1.0	51
93	Versican-thrombospondin-1 binding in vitro and colocalization in microfibrils induced by inflammation on vascular smooth muscle cells. Journal of Cell Science, 2006, 119, 4499-4509.	1.2	51
94	A method for the non-covalent immobilization of heparin to surfaces. Analytical Biochemistry, 2004, 330, 123-129.	1.1	48
95	Overexpression of Hyaluronan Synthase 2 Alters Hyaluronan Distribution and Function in Proximal Tubular Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2006, 17, 1553-1567.	3.0	48
96	Transglutaminase-2: a new endostatin partner in the extracellular matrix of endothelial cells. Biochemical Journal, 2010, 427, 467-475.	1.7	47
97	Characterization of xenopus laevis complement factor I structureâ€”conservation of modular structure except for an unusual insert not present in human factor I. Molecular Immunology, 1993, 30, 1249-1256.	1.0	46
98	TSGâ€6 inhibits osteoclast activity via an autocrine mechanism and is functionally synergistic with osteoprotegerin. Arthritis and Rheumatism, 2011, 63, 1034-1043.	6.7	46
99	A Refined Model for the TSG-6 Link Module in Complex with Hyaluronan. Journal of Biological Chemistry, 2014, 289, 5619-5634.	1.6	46
100	Metal Ion-dependent Heavy Chain Transfer Activity of TSG-6 Mediates Assembly of the Cumulus-Oocyte Matrix. Journal of Biological Chemistry, 2015, 290, 28708-28723.	1.6	46
101	The SH2 domain from the tyrosine kinase Fyn in complex with a phosphotyrosyl peptide reveals insights into domain stability and binding specificity. Structure, 1997, 5, 1313-1323.	1.6	44
102	Associative and Structural Properties of the Region of Complement Factor H Encompassing the Tyr402His Disease-related Polymorphism and its Interactions with Heparin. Journal of Molecular Biology, 2007, 368, 564-581.	2.0	44
103	TSG-6 Regulates Bone Remodeling through Inhibition of Osteoblastogenesis and Osteoclast Activation. Journal of Biological Chemistry, 2008, 283, 25952-25962.	1.6	43
104	Immobilization of Heparan Sulfate on Electrospun Meshes to Support Embryonic Stem Cell Culture and Differentiation *. Journal of Biological Chemistry, 2013, 288, 5530-5538.	1.6	41
105	Implication of the oligomeric state of the N-terminal PTX3 domain in cumulus matrix assembly. Matrix Biology, 2011, 30, 330-337.	1.5	40
106	Hyaluronan and Hyaluronan Binding Proteins Are Normal Components of Mouse Pancreatic Islets and Are Differentially Expressed by Islet Endocrine Cell Types. Journal of Histochemistry and Cytochemistry, 2012, 60, 749-760.	1.3	39
107	The N-terminal Module of Thrombospondin-1 Interacts with the Link Domain of TSG-6 and Enhances Its Covalent Association with the Heavy Chains of Inter-Î±-trypsin Inhibitor. Journal of Biological Chemistry, 2005, 280, 30899-30908.	1.6	37
108	Preparation and application of biologically active fluorescent hyaluronan oligosaccharides. Glycobiology, 2005, 15, 303-312.	1.3	37

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109	Development of a microtiter plate-based glycosaminoglycan array for the investigation of glycosaminoglycan-protein interactions. Glycobiology, 2009, 19, 1537-1546.	1.3	37
110	Sulfation of the Bikunin Chondroitin Sulfate Chain Determines Heavy ChainÂ·Hyaluronan Complex Formation. Journal of Biological Chemistry, 2013, 288, 22930-22941.	1.6	36
111	TNF-Stimulated Gene-6 Is a Key Regulator in Switching Stemness and Biological Properties of Mesenchymal Stem Cells. Stem Cells, 2019, 37, 973-987.	1.4	36
112	TSG-6 binds via its CUB_C domain to the cell-binding domain of fibronectin and increases fibronectin matrix assembly. Matrix Biology, 2008, 27, 201-210.	1.5	34
113	The Proteoglycan Glycomatrix: A Sugar Microenvironment Essential for Complement Regulation. Frontiers in Immunology, 2013, 4, 412.	2.2	33
114	Increased Hyaluronan and TSG-6 in Association with Neuropathologic Changes of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2019, 67, 91-102.	1.2	33
115	TNF?-stimulated gene product (TSG-6) and its binding protein, I?I, in the human intervertebral disc: new molecules for the disc. European Spine Journal, 2005, 14, 36-42.	1.0	32
116	Age and Smoking Related Changes in Metal Ion Levels in Human Lens: Implications for Cataract Formation. PLoS ONE, 2016, 11, e0147576.	1.1	32
117	Partial characterization of human complement factor H by protein and cDNA sequencing: Homology with other complement and non-complement proteins. Bioscience Reports, 1986, 6, 65-72.	1.1	31
118	Determining the Molecular Basis for the pH-dependent Interaction between the Link Module of Human TSG-6 and Hyaluronan. Journal of Biological Chemistry, 2007, 282, 12976-12988.	1.6	31
119	The Good the Bad and the Ugly of Glycosaminoglycans in Tissue Engineering Applications. Pharmaceuticals, 2017, 10, 54.	1.7	30
120	Hyaluronan Binding to Link Module of TSG-6 and to G1 Domain of Aggrecan Is Differently Regulated by pH. Journal of Biological Chemistry, 2008, 283, 32294-32301.	1.6	28
121	Homodimerization of the Lymph Vessel Endothelial Receptor LYVE-1 through a Redox-labile Disulfide Is Critical for Hyaluronan Binding in Lymphatic Endothelium. Journal of Biological Chemistry, 2016, 291, 25004-25018.	1.6	28
122	Method for Quantitative Refolding of the Link Module from Human TSG-6. Protein Expression and Purification, 1997, 9, 315-318.	0.6	27
123	C-reactive protein and pentraxin-3 binding of factor H-like protein 1 differs from complement factor H: implications for retinal inflammation. Scientific Reports, 2018, 8, 1643.	1.6	27
124	Superficial zone chondrocytes in normal and osteoarthritic human articular cartilages synthesize novel truncated forms of inter-alpha-trypsin inhibitor heavy chains which are attached to a chondroitin sulfate proteoglycan other than bikunin. Osteoarthritis and Cartilage, 2008, 16, 1343-1355.	0.6	26
125	Structure and specificity of complement receptors. Immunology Letters, 1987, 14, 183-190.	1.1	25
126	Growth Differentiation Factor 5-Mediated Enhancement of Chondrocyte Phenotype Is Inhibited by Heparin: Implications for the Use of Heparin in the Clinic and in Tissue Engineering Applications. Tissue Engineering - Part A, 2017, 23, 275-292.	1.6	25

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127	Plasticity of the TSG-6 HA-binding Loop and Mobility in the TSG-6-HA Complex Revealed by NMR and X-ray Crystallography. Journal of Molecular Biology, 2007, 371, 669-684.	2.0	24
128	The amylin superfamily: A novel grouping of biologically active polypeptides related to the insulin A-chain. Progress in Growth Factor Research, 1989, 1, 99-105.	1.7	22
129	G1 Domain of Versican Regulates Hyaluronan Organization and the Phenotype of Cultured Human Dermal Fibroblasts. Journal of Histochemistry and Cytochemistry, 2016, 64, 353-363.	1.3	22
130	Assignment of complement components C4 binding protein (C4BP) and factor H (FH) to human chromosome 1q, using cDNA probes. Annals of Human Genetics, 1988, 52, 117-122.	0.3	21
131	Nuclear Magnetic Resonance Insight into the Multiple Glycosaminoglycan Binding Modes of the Link Module from Human TSG-6. Biochemistry, 2016, 55, 262-276.	1.2	20
132	Synthesis of Tumor Necrosis Factor Alpha-Induced Protein 6 in Porcine Preovulatory Follicles: A Study with A38 Antibody1. Biology of Reproduction, 2008, 78, 903-909.	1.2	18
133	A Novel Choroidal Endothelial Cell Line Has a Decreased Affinity for the Age-Related Macular Degenerationâ€“Associated Complement Factor H Variant 402H. , 2018, 59, 722.		18
134	Inter-Î±-inhibitor heavy chain-1 has an integrin-like 3D structure mediating immune regulatory activities and matrix stabilization during ovulation. Journal of Biological Chemistry, 2020, 295, 5278-5291.	1.6	18
135	New strategies for cartilage regeneration exploiting selected glycosaminoglycans to enhance cell fate determination. Biochemical Society Transactions, 2014, 42, 703-709.	1.6	17
136	Molecular analysis of the cumulus matrix: insights from mice with O-glycan-deficient oocytes. Reproduction, 2015, 149, 533-543.	1.1	17
137	Using Molecular Dynamics Simulations To Provide New Insights into Protein Structure on the Nanosecond Timescale:â€‰ Comparison with Experimental Data and Biological Inferences for the Hyaluronan-Binding Link Module of TSG-6. Journal of Chemical Theory and Computation, 2007, 3, 1-16.	2.3	16
138	Hyaluronan, TSG-6, and Inter-Î±-Inhibitor in Periprosthetic Breast Capsules: Reduced Levels of Free Hyaluronan and TSG-6 Expression in Contracted Capsules. Aesthetic Surgery Journal, 2011, 31, 47-55.	0.9	16
139	The microvascular extracellular matrix in brains with Alzheimerâ€™s disease neuropathologic change (ADNC) and cerebral amyloid angiopathy (CAA). Fluids and Barriers of the CNS, 2020, 17, 60.	2.4	16
140	Isolation and Purification of Versican and Analysis of Versican Proteolysis. Methods in Molecular Biology, 2015, 1229, 587-604.	0.4	16
141	Expression, purification, cocrystallization and preliminary crystallographic analysis of sucrose octasulfate/human complement regulator factor H SCRs 6â€“8. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 480-483.	0.7	14
142	Fourier transform mass spectrometry to monitor hyaluronan-protein interactions: use of hydrogen/deuterium amide exchange. Rapid Communications in Mass Spectrometry, 2007, 21, 121-131.	0.7	14
143	mRNA coding for a truncated form of human complement factor H. Biochemical Society Transactions, 1987, 15, 651-652.	1.6	13
144	Ig-binding domains of C1q. Trends in Immunology, 1990, 11, 387-388.	7.5	13

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145	Experimental evidence for all-or-none cooperative interactions between the G1-domain of versican and multivalent hyaluronan oligosaccharides. Matrix Biology, 2006, 25, 14-19.	1.5	13
146	Oocyte-specific ablation of N- and O-glycans alters cumulus cell signalling and extracellular matrix composition. Reproduction, Fertility and Development, 2019, 31, 529.	0.1	13
147	Inhibitory effect of Zn2+ ions on the degradation of the complement activation fragment C3b. Biochemical Society Transactions, 1986, 14, 73-74.	1.6	12
148	Understanding the molecular basis of age-related macular degeneration and how the identification of new mechanisms may aid the development of novel therapies. Expert Review of Ophthalmology, 2011, 6, 123-128.	0.3	11
149	Hyaluronan Accelerates Intestinal Mucosal Healing through Interaction with TSG-6. Cells, 2019, 8, 1074.	1.8	11
150	Control of Complement Activation by the Long Pentraxin PTX3: Implications in Age-Related Macular Degeneration. Frontiers in Pharmacology, 2020, 11, 591908.	1.6	11
151	Structural and Functional Diversity of Hyaluronan-Binding Proteins. , 2004, , 189-204.		9
152	Hyaluronan deposition in islets may precede and direct the location of islet immune-cell infiltrates. Diabetologia, 2020, 63, 549-560.	2.9	9
153	The Link module of human TSG-6 (Link_TSG6) promotes wound healing, suppresses inflammation and improves glandular function in mouse models of Dry Eye Disease. Ocular Surface, 2022, 24, 40-50.	2.2	9
154	Association of plasma trace element levels with neovascular age-related macular degeneration. Experimental Eye Research, 2020, 201, 108324.	1.2	8
155	Mast cell infiltration of the choroid and protease release are early events in age-related macular degeneration associated with genetic risk at both chromosomes 1q32 and 10q26. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118510119.	3.3	8
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