Ulf Lindahl

List of Publications by Year
in descending order

168 papers	17,273 citations	12303 69 h-index	13727 129 g-index
169 all docs	169 docs citations	169 times ranked	8126 citing authors

#	Article	IF	Citations
1	Heparanase overexpression impedes perivascular clearance of amyloid-Î² from murine brain: relevance to Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2021, 9, 84.	2.4	7
2	Heparin â€“ An old drug with multiple potential targets in Covidâ€19 therapy. Journal of Thrombosis and Haemostasis, 2020, 18, 2422-2424.	1.9	49
3	HeparanaseÂâ€“ Discovery and Targets. Advances in Experimental Medicine and Biology, 2020, 1221, 61-69.	0.8	12
4	Specificity of glycosaminoglycanâ€“protein interactions. Current Opinion in Structural Biology, 2018, 50, 101-108.	2.6	137
5	A potential role for chondroitin sulfate/dermatan sulfate in arm regeneration in Amphiura filiformis. Glycobiology, 2017, 27, cwx010.	1.3	14
6	Enzyme overexpressionâ€‰â€“â€‰an exercise toward understanding regulation of heparan sulfate biosynthesis. Scientific Reports, 2016, 6, 31242.	1.6	15
7	Microglial Heparan Sulfate Proteoglycans Facilitate the Cluster-of-Differentiation 14 (CD14)/Toll-like Receptor 4 (TLR4)-Dependent Inflammatory Response. Journal of Biological Chemistry, 2015, 290, 14904-14914.	1.6	45
8	Brittlestars contain highly sulfated chondroitin sulfates/dermatan sulfates that promote fibroblast growth factor 2-induced cell signaling. Glycobiology, 2014, 24, 195-207.	1.3	19
9	Apolipoprotein E increases cell association of amyloid-Î² 40 through heparan sulfate and LRP1 dependent pathways. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2014, 21, 76-87.	1.4	12
10	A personal voyage through the proteoglycan field. Matrix Biology, 2014, 35, 3-7.	1.5	21
11	Drosophila Heparan Sulfate, a Novel Design. Journal of Biological Chemistry, 2012, 287, 21950-21956.	1.6	20
12	Heparanase overexpression impairs inflammatory response and macrophage-mediated clearance of amyloid-Î² in murine brain. Acta Neuropathologica, 2012, 124, 465-478.	3.9	57
13	Heparanase Affects Food Intake and Regulates Energy Balance in Mice. PLoS ONE, 2012, 7, e34313.	1.1	26
14	Heparan sulfate mediates amyloid-beta internalization and cytotoxicity. Glycobiology, 2010, 20, 533-541.	1.3	86
15	Heparan Sulfate Domain Organization and Sulfation Modulate FGF-induced Cell Signaling. Journal of Biological Chemistry, 2010, 285, 26842-26851.	1.6	62
16	Newly Generated Heparanase Knock-Out Mice Unravel Co-Regulation of Heparanase and Matrix Metalloproteinases. PLoS ONE, 2009, 4, e5181.	1.1	158
17	Lack ofl-Iduronic Acid in Heparan Sulfate Affects Interaction with Growth Factors and Cell Signaling. Journal of Biological Chemistry, 2009, 284, 15942-15950.	1.6	57
18	Chapter 3 Interactions Between Heparan Sulfate and Proteinsâ€”Design and Functional Implications. International Review of Cell and Molecular Biology, 2009, 276, 105-159.	1.6	242

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19	Heparan Sulfate Accumulation with Aβ Deposits in Alzheimer's Disease and Tg2576 Mice is Contributed by Glial Cells. Brain Pathology, 2008, 18, 548-561.	2.1	71
20	Heparin/Heparan Sulfate Biosynthesis. Journal of Biological Chemistry, 2008, 283, 20008-20014.	1.6	112
21	Surface-exposed Amino Acid Residues of HPV16 L1 Protein Mediating Interaction with Cell Surface Heparan Sulfate. Journal of Biological Chemistry, 2007, 282, 27913-27922.	1.6	117
22	Characterization of Anti-heparan Sulfate Phage Display Antibodies AO4B08 and HS4E4. Journal of Biological Chemistry, 2007, 282, 21032-21042.	1.6	70
23	Defective N-sulfation of heparan sulfate proteoglycans limits PDGF-BB binding and pericyte recruitment in vascular development. Genes and Development, 2007, 21, 316-331.	2.7	157
24	Heparan sulfate-protein interactions â€" A concept for drug design?. Thrombosis and Haemostasis, 2007, 98, 109-115.	1.8	101
25	Transgenic or tumor-induced expression of heparanase upregulates sulfation of heparan sulfate. Nature Chemical Biology, 2007, 3, 773-778.	3.9	104
26	Heparan sulfate-protein interactions--a concept for drug design?. Thrombosis and Haemostasis, 2007, 98, 109-15.	1.8	47
27	Interactions between heparan sulfate and proteins: the concept of specificity. Journal of Cell Biology, 2006, 174, 323-327.	2.3	421
28	Heparan sulfate C5-epimerase is essential for heparin biosynthesis in mast cells. Nature Chemical Biology, 2006, 2, 195-196.	3.9	46
29	The Anti-angiogenic His/Pro-rich Fragment of Histidine-rich Glycoprotein Binds to Endothelial Cell Heparan Sulfate in a Zn2+-dependent Manner. Journal of Biological Chemistry, 2006, 281, 10298-10304.	1.6	44
30	Substrate Specificity and Domain Functions of Extracellular Heparan Sulfate 6-O-Endosulfatases, QSulf1 and QSulf2. Journal of Biological Chemistry, 2006, 281, 4969-4976.	1.6	136
31	Biosynthesis of Dermatan Sulfate. Journal of Biological Chemistry, 2006, 281, 11560-11568.	1.6	120
32	3-O-Sulfated Oligosaccharide Structures Are Recognized by Anti-heparan Sulfate Antibody HS4C3. Journal of Biological Chemistry, 2006, 281, 4654-4662.	1.6	94
33	Heparan Sulfate-related Oligosaccharides in Ternary Complex Formation with Fibroblast Growth Factors 1 and 2 and Their Receptors. Journal of Biological Chemistry, 2006, 281, 26884-26892.	1.6	72
34	Fibroblast growth factors share binding sites in heparan sulphate. Biochemical Journal, 2005, 389, 145-150.	1.7	79
35	Generation of â€œNeoheparinâ€•fromE.coliK5 Capsular Polysaccharide. Journal of Medicinal Chemistry, 2005, 48, 349-352.	2.9	114
36	Remodeling of Heparan Sulfate Sulfation by Extracellular Endosulfatases. , 2005, , 245-258.		9

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37	In vivo fragmentation of heparan sulfate by heparanase overexpression renders mice resistant to amyloid protein A amyloidosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6473-6477.	3.3	156
38	Biosynthesis of Hyaluronan. Journal of Biological Chemistry, 2005, 280, 8813-8818.	1.6	54
39	Irreversible Glucuronyl C5-epimerization in the Biosynthesis of Heparan Sulfate. Journal of Biological Chemistry, 2004, 279, 14631-14638.	1.6	37
40	Transgenic expression of mammalian heparanase uncovers physiological functions of heparan sulfate in tissue morphogenesis, vascularization, and feeding behavior. FASEB Journal, 2004, 18, 252-263.	0.2	261
41	Biosynthesis of heparan sulfate - how regulated does it need to be?. International Journal of Experimental Pathology, 2004, 85, A53-A54.	0.6	0
42	Relative Susceptibilities of the Glucosamineâˆ'Glucuronic Acid and N-Acetylglucosamineâˆ'Glucuronic Acid Linkages to Heparin Lyase III. Biochemistry, 2004, 43, 8590-8599.	1.2	17
43	Differential tyrosine phosphorylation of fibroblast growth factor (FGF) receptor-1 and receptor proximal signal transduction in response to FGF-2 and heparin. Experimental Cell Research, 2003, 287, 190-198.	1.2	33
44	1976â€"1983, a critical period in the history of heparin: the discoveryof the antithrombin binding site. Biochimie, 2003, 85, 83-89.	1.3	219
45	QSulf1 remodels the 6-O sulfation states of cell surface heparan sulfate proteoglycans to promote Wnt signaling. Journal of Cell Biology, 2003, 162, 341-351.	2.3	443
46	Targeted Disruption of a Murine Glucuronyl C5-epimerase Gene Results in Heparan Sulfate Lacking l-Iduronic Acid and in Neonatal Lethality. Journal of Biological Chemistry, 2003, 278, 28363-28366.	1.6	188
47	Processing of Macromolecular Heparin by Heparanase. Journal of Biological Chemistry, 2003, 278, 35152-35158.	1.6	77
48	Oligosaccharide Library-based Assessment of Heparan Sulfate 6-O-Sulfotransferase Substrate Specificity. Journal of Biological Chemistry, 2003, 278, 24371-24376.	1.6	35
49	Nitrocellulose Filter Binding to Assess Binding of Glycosaminoglycans to Proteins. Methods in Enzymology, 2003, 363, 327-339.	0.4	27
50	Substrate specificities of mouse heparan sulphate glucosaminyl 6-O-sulphotransferases. Biochemical Journal, 2003, 372, 371-380.	1.7	61
51	Location of N-Unsubstituted Glucosamine Residues in Heparan Sulfate. Journal of Biological Chemistry, 2002, 277, 49247-49255.	1.6	58
52	Heparin Amplifies Platelet-derived Growth Factor (PDGF)- BB-induced PDGF Î±-Receptor but Not PDGF Î²-Receptor Tyrosine Phosphorylation in Heparan Sulfate-deficient Cells. Journal of Biological Chemistry, 2002, 277, 19315-19321.	1.6	53
53	Demonstration of a Novel Gene DEXT3 ofDrosophila melanogaster as the EssentialN-Acetylglucosamine Transferase in the Heparan Sulfate Biosynthesis. Journal of Biological Chemistry, 2002, 277, 13659-13665.	1.6	36
54	Biosynthetic Oligosaccharide Libraries for Identification of Protein-binding Heparan Sulfate Motifs. Journal of Biological Chemistry, 2002, 277, 30567-30573.	1.6	90

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55	Role of heparan sulfate domain organization in endostatin inhibition of endothelial cell function. EMBO Journal, 2002, 21, 6303-6311.	3.5	84
56	D-Glucuronyl C5-Epimerase in Heparin/Heparan Sulfate Biosynthesis. , 2002, , 403-409.		1
57	Heparan Sulfate GlcA/GlcNAc Transferase. , 2002, , 397-402.		0
58	Structure and biological interactions of heparin and heparan sulfate. Advances in Carbohydrate Chemistry and Biochemistry, 2001, 57, 159-206.	0.4	325
59	Hexuronyl C5-epimerases in alginate and glycosaminoglycan biosynthesis. Biochimie, 2001, 83, 819-830.	1.3	49
60	Substrate Specificity of the Heparan Sulfate Hexuronic Acid 2-O-Sulfotransferaseâ€. Biochemistry, 2001, 40, 5548-5555.	1.2	91
61	Characterization of the d-Glucuronyl C5-epimerase Involved in the Biosynthesis of Heparin and Heparan Sulfate. Journal of Biological Chemistry, 2001, 276, 20069-20077.	1.6	58
62	Sequence Analysis of Heparan Sulfate Epitopes with Graded Affinities for Fibroblast Growth Factors 1 and 2. Journal of Biological Chemistry, 2001, 276, 30744-30752.	1.6	211
63	rib-2, a Caenorhabditis elegans Homolog of the Human Tumor Suppressor EXT Genes Encodes a Novel Î±1,4-N-Acetylglucosaminyltransferase Involved in the Biosynthetic Initiation and Elongation of Heparan Sulfate. Journal of Biological Chemistry, 2001, 276, 4834-4838.	1.6	57
64	Binding of Heparin/Heparan Sulfate to Fibroblast Growth Factor Receptor 4. Journal of Biological Chemistry, 2001, 276, 16868-16876.	1.6	78
65	Toward a Biotechnological Heparin through Combined Chemical and Enzymatic Modification of the Escherichia coli K5 Polysaccharide. Seminars in Thrombosis and Hemostasis, 2001, 27, 437-444.	1.5	44
66	Molecular diversity of heparan sulfate. Journal of Clinical Investigation, 2001, 108, 169-173.	3.9	767
67	Expression of heparan sulphate l-iduronyl 2-O-sulphotransferase in human kidney 293 cells results in increased d-glucuronyl 2-O-sulphation. Biochemical Journal, 2000, 346, 463-468.	1.7	29
68	Biosynthesis of heparin/heparan sulphate: mechanism of epimerization of glucuronyl C-5. Biochemical Journal, 2000, 347, 69-75.	1.7	46
69	Expression of heparan sulphate L-iduronyl 2-O-sulphotransferase in human kidney 293 cells results in increased D-glucuronyl 2-O-sulphation. Biochemical Journal, 2000, 346, 463.	1.7	12
70	'Heparin'--from anticoagulant drug into the new biology. , 2000, 17, 597-605.		60
71	The EXT1/EXT2 tumor suppressors: catalytic activities and role in heparan sulfate biosynthesis. EMBO Reports, 2000, 1, 282-286.	2.0	153
72	Selectively Desulfated Heparin Inhibits Fibroblast Growth Factor-induced Mitogenicity and Angiogenesis. Journal of Biological Chemistry, 2000, 275, 24653-24660.	1.6	164

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73	Structural Diversity of N-Sulfated Heparan Sulfate Domains:â€‰ Distinct Modes of Glucuronyl C5 Epimerization, Iduronic Acid 2-O-Sulfation, and Glucosamine 6-O-Sulfation. Biochemistry, 2000, 39, 10823-10830.	1.2	41
74	Biosynthesis of heparin/heparan sulphate: mechanism of epimerization of glucuronyl C-5. Biochemical Journal, 2000, 347, 69.	1.7	24
75	What Else Can â€˜Heparinâ€™ Do?. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 1999, 29, 38-47.	0.5	17
76	A novel strategy to generate biologically active neo-glycosaminoglycan conjugates. Glycobiology, 1999, 9, 1331-1336.	1.3	10
77	Common Binding Sites for Î²-Amyloid Fibrils and Fibroblast Growth Factor-2 in Heparan Sulfate from Human Cerebral Cortex. Journal of Biological Chemistry, 1999, 274, 30631-30635.	1.6	66
78	Characterization of a Neutrophil Cell Surface Glycosaminoglycan That Mediates Binding of Platelet Factor 4. Journal of Biological Chemistry, 1999, 274, 12376-12382.	1.6	91
79	Selective Effects of Sodium Chlorate Treatment on the Sulfation of Heparan Sulfate. Journal of Biological Chemistry, 1999, 274, 36267-36273.	1.6	154
80	Purification and characterization of fetal bovine serum beta-N-acetyl-D-galactosaminyltransferase and beta-D-glucuronyltransferase involved in chondroitin sulfate biosynthesis. FEBS Journal, 1999, 264, 461-467.	0.2	18
81	Structural basis and potential role of heparin/heparan sulfate binding to the angiogenesis inhibitor endostatin. EMBO Journal, 1999, 18, 6240-6248.	3.5	196
82	Sequence analysis of heparan sulphate and heparin oligosaccharides. Biochemical Journal, 1999, 339, 767.	1.7	30
83	Sequence analysis of heparan sulphate and heparin oligosaccharides. Biochemical Journal, 1999, 339, 767-773.	1.7	97
84	Selective reduction of 6-O-sulfation in heparan sulfate from transformed mammary epithelial cells. FEBS Journal, 1998, 252, 576-582.	0.2	44
85	Changes in glycosaminoglycan structure and composition of the main heparan sulphate proteoglycan from human colon carcinoma cells (perlecan) during cell differentiation. FEBS Journal, 1998, 254, 371-377.	0.2	35
86	Foam Cell Conversion of Macrophages Alters the Biosynthesis of Heparan Sulfate. Biochemical and Biophysical Research Communications, 1998, 247, 790-795.	1.0	8
87	Regulated Diversity of Heparan Sulfate. Journal of Biological Chemistry, 1998, 273, 24979-24982.	1.6	597
88	Defining the Interleukin-8-binding Domain of Heparan Sulfate. Journal of Biological Chemistry, 1998, 273, 15487-15493.	1.6	240
89	The Putative Tumor Suppressors EXT1 and EXT2 Are Glycosyltransferases Required for the Biosynthesis of Heparan Sulfate. Journal of Biological Chemistry, 1998, 273, 26265-26268.	1.6	374
90	Substrate Specificity of Heparanases from Human Hepatoma and Platelets. Journal of Biological Chemistry, 1998, 273, 18770-18777.	1.6	238

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91	Age-dependent Modulation of Heparan Sulfate Structure and Function. Journal of Biological Chemistry, 1998, 273, 13395-13398.	1.6	132
92	Biosynthesis of Heparin/Heparan Sulfate. Journal of Biological Chemistry, 1997, 272, 28158-28163.	1.6	87
93	Amyloid-specific Heparan Sulfate from Human Liver and Spleen. Journal of Biological Chemistry, 1997, 272, 26091-26094.	1.6	70
94	Structural Requirement of Heparan Sulfate for Interaction with Herpes Simplex Virus Type 1 Virions and Isolated Glycoprotein C. Journal of Biological Chemistry, 1997, 272, 24850-24857.	1.6	127
95	Heparan sulfate - a polyanion with multiple messages. Pure and Applied Chemistry, 1997, 69, 1897-1902.	0.9	26
96	Characterization of Heparin and Heparan Sulfate Domains Binding to the Long Splice Variant of Platelet-derived Growth Factor A Chain. Journal of Biological Chemistry, 1997, 272, 5518-5524.	1.6	121
97	Assessment of glycosaminoglycan-protein linkage tetrasaccharides as acceptors for GalNAc- and GlcNAc-transferases from mouse mastocytoma. Glycoconjugate Journal, 1997, 14, 737-742.	1.4	22
98	Expression of the Mouse Mastocytoma Glucosaminyl N-Deacetylase/N-Sulfotransferase in Human Kidney 293 Cells Results in Increased N-Sulfation of Heparan Sulfate. Biochemistry, 1996, 35, 5250-5256.	1.2	57
99	Heparan sulfate: a piece of information. FASEB Journal, 1996, 10, 1270-1279.	0.2	430
100	Biosynthesis of dermatan sulphate. Defructosylated <i>Escherichia coli</i> K4 capsular polysaccharide as a substrate for the <scp>d</scp>-glucuronyl C-5 epimerase, and an indication of a two-base reaction mechanism. Biochemical Journal, 1996, 313, 589-596.	1.7	48
101	Synthesis of the disaccharides methyl 4-O-(2?/3?-O-sulfo-?-d-glucopyranosyluronic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td Glycoconjugate Journal, 1996, 13, 995-1003.	1.4	3
102	Domain Structure of Heparan Sulfates from Bovine Organs. Journal of Biological Chemistry, 1996, 271, 17804-17810.	1.6	256
103	Selective Loss of Cerebral Keratan Sulfate in Alzheimer's Disease. Journal of Biological Chemistry, 1996, 271, 16991-16994.	1.6	59
104	Neurite Outgrowth in Brain Neurons Induced by Heparin-binding Growth-associated Molecule (HB-GAM) Depends on the Specific Interaction of HB-GAM with Heparan Sulfate at the Cell Surface. Journal of Biological Chemistry, 1996, 271, 2243-2248.	1.6	112
105	N-Acetylated Domains in Heparan Sulfates Revealed by a Monoclonal Antibody against the Escherichia coli K5 Capsular Polysaccharide. Journal of Biological Chemistry, 1996, 271, 22802-22809.	1.6	23
106	N-Acetylgalactosamine (GalNAc) Transfer to the Common Carbohydrate-Protein Linkage Region of Sulfated Glycosaminoglycans. Journal of Biological Chemistry, 1995, 270, 22190-22195.	1.6	44
107	Presence of N-Unsubstituted Glucosamine Units in Native Heparan Sulfate Revealed by a Monoclonal Antibody. Journal of Biological Chemistry, 1995, 270, 31303-31309.	1.6	135
108	Identification of O-sulphate substituents on D-glucuronic acid units in heparin-related glycosaminoglycans using novel synthetic disaccharide standards. Glycobiology, 1995, 5, 807-811.	1.3	14

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109	Biosynthesis of Heparin/Heparan Sulfate. Journal of Biological Chemistry, 1995, 270, 11267-11275.	1.6	34
110	Heparin-like compounds prepared by chemical modification of capsular polysaccharide from E. coli K5. Carbohydrate Research, 1994, 263, 271-284.	1.1	105
111	Substrate specificities of glycosyltransferases involved in formation of heparin precursor and E. coli K5 capsular polysaccharides. Carbohydrate Research, 1994, 255, 87-101.	1.1	24
112	More to â€œheparinâ€•than anticoagulation. Thrombosis Research, 1994, 75, 1-32.	0.8	395
113	Glycosaminoglycan-protein interactions: a question of specificity. Current Opinion in Structural Biology, 1994, 4, 677-682.	2.6	133
114	FABMS/derivatisation strategies for the analysis of heparin-derived oligosaccharides. Carbohydrate Research, 1993, 244, 205-223.	1.1	34
115	Mode of interaction between platelet factor 4 and heparin. Glycobiology, 1993, 3, 271-277.	1.3	132
116	Low-sulphated oligosaccharides derived from heparan sulphate inhibit normal angiogenesis. Glycobiology, 1993, 3, 567-573.	1.3	38
117	Two Enzymes in One: N-Deacetylation and N-Sulfation in Heparin Biosynthesis are Catalyzed by the Same Protein. Advances in Experimental Medicine and Biology, 1992, 313, 107-111.	0.8	14
118	Proteoglycans: Structures and Interactions. Annual Review of Biochemistry, 1991, 60, 443-475.	5.0	1,798
119	Secretory heparin in murine mastocytoma cell lines. Biochemical Society Transactions, 1990, 18, 807-809.	1.6	4
120	A prothrombinase complex of mouse peritoneal macrophages. Archives of Biochemistry and Biophysics, 1989, 273, 180-188.	1.4	35
121	The effect of heparin on the inositol 1,4,5-trisphosphate receptor in rat liver microsomes Dependence on sulphate content and chain length. FEBS Letters, 1989, 252, 105-108.	1.3	65
122	Biosynthesis of heparin. Glycoconjugate Journal, 1987, 4, 179-189.	1.4	6
123	Heparinâ€like Polysaccharides in Intraâ€•and Extravascular Coagulation Reactions. Acta Medica Scandinavica, 1987, 221, 139-144.	0.0	3
124	Biosynthesis of Heparin and Heparan Sulfate. , 1987, , 59-104.		16
125	Structure and Function of Basement Membrane Proteoglycans. Novartis Foundation Symposium, 1986, 124, 189-203.	1.2	14
126	Assay of N-acetylheparosan deacetylase with a capsular polysaccharide from Escherichia coli K5 as substrate. Analytical Biochemistry, 1983, 135, 134-140.	1.1	37

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127	Biosynthesis of heparin. A new substrate for heparosan-N-sulfate-d-glucopyranosyluronate 5-epimerase. Carbohydrate Research, 1983, 117, 241-253.	1.1	15
128	Studies, with a luminogenic peptide substrate, on blood coagulation Factor X/Xa produced by mouse peritoneal macrophages. Biochemical Journal, 1982, 206, 231-237.	3.2	41
129	Permanent activation of antithrombin by covalent attachment of heparin oligosaccharides. FEBS Letters, 1982, 143, 96-100.	1.3	12
130	N-[3H]acetyl-labeling, a convenient method for radiolabeling of glycosaminoglycans. Analytical Biochemistry, 1982, 119, 236-245.	1.1	111
131	Further characterization of the antithrombin-binding sequence in heparin. Carbohydrate Research, 1982, 100, 393-410.	1.1	458
132	The antithrombin-binding sequence of heparin. Biochemical Society Transactions, 1981, 9, 499-501.	1.6	25
133	The antithrombin-binding sequence of heparin studied by n.m.r. spectroscopy. Carbohydrate Research, 1981, 88, C1-C4.	1.1	31
134	Interaction of lipoprotein lipase with native and modified heparin-like polysaccharides. Biochemical Journal, 1980, 189, 625-633.	1.7	111
135	Proteinase activity in macrophage cultures. Effects of heparin and antithrombin. Experimental Cell Research, 1980, 129, 478-481.	1.2	5
136	The molecular size of the antithrombin-binding sequence in heparin. FEBS Letters, 1980, 117, 203-206.	1.3	59
137	Macrophages produce blood coagulation factors. FEBS Letters, 1980, 120, 41-43.	1.3	98
138	Biosynthesis of heparin. Hydrogen exchange at carbon 5 of the glycuronosyl residues. Biochemistry, 1980, 19, 495-500.	1.2	39
139	BIOSYNTHESIS OF HEPARIN. , 1980, , 395-411.		1
140	Platelet antiheparin proteins and antithrombin III interact with different binding sites on heparin molecule. FEBS Letters, 1979, 102, 75-78.	1.3	27
141	Biosynthesis of Heparin: Tritium Incorporation into Chemically Modified Heparin Catalyzed by C-5-Uronosylepimerase. , 1979, , 713-717.		2
142	STRUCTURAL BASIS FOR THE BIOLOGICAL EFFECTS OF HEPARIN. , 1979, , 167-179.		3
143	Anticoagulant activity of heparin: Assay of bovine, human and porcine preparations by amidolytic and clotting methods. Thrombosis Research, 1977, 11, 107-117.	0.8	52
144	Anticoagulant activity of heparin: Separation of high-activity and low-activity heparin species by affinity chromatography on immobilized antithrombin. FEBS Letters, 1976, 66, 90-93.	1.3	408

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145	Anticoagulant activity of heparin: Isolation of antithrombin-binding sites. FEBS Letters, 1976, 69, 51-54.	1.3	59
146	Biosynthesis of heparin. Loss of C-5 hydrogen during conversion of d-glucuronic to l-iduronic acid residues. Biochemical and Biophysical Research Communications, 1976, 70, 492-499.	1.0	54
147	Depolymerisation and desulphation of chondroitin sulphate by enzymes from embryonic chick cartilage. FEBS Letters, 1974, 39, 49-52.	1.3	17
148	Distribution of sulphate and iduronic acid residues in heparin and heparan sulphate. Biochemical Journal, 1974, 137, 33-43.	1.7	121
149	Biosynthesis of Heparin. Journal of Biological Chemistry, 1974, 249, 3908-3915.	1.6	70
150	Aggregation of feline lymphoma cells by hyaluronic acid. International Journal of Cancer, 1973, 12, 169-178.	2.3	55
151	Biosynthesis of Heparin. Journal of Biological Chemistry, 1973, 248, 7234-7241.	1.6	251
152	[85a] Enzymes involved in the formation of the carbohydrate structure of heparin. Methods in Enzymology, 1972, 28, 676-684.	0.4	5
153	Biosynthesis of L-iduronic acid in heparin: Epimerization of D-glucuronic acid on the polymer level. Biochemical and Biophysical Research Communications, 1972, 46, 985-991.	1.0	73
154	Effects of Heparin on Lipoprotein Lipase from Bovine Milk. Journal of Biological Chemistry, 1972, 247, 6610-6616.	1.6	85
155	Biosynthesis of Heparin. I. Transfer of N-Acetylglucosamine and Glucuronic Acid to Low-Molecular Weight Heparin Fragments.. Acta Chemica Scandinavica, 1972, 26, 3515-3523.	0.7	27
156	Evidence for an ionic binding of lipoprotein lipase to heparin. Biochemical and Biophysical Research Communications, 1971, 43, 524-529.	1.0	110
157	The distribution of sulphate residues in the chondroitin sulphate chain. Biochemical Journal, 1971, 125, 903-908.	3.2	15
158	Degradation of heparin in mouse mastocytoma tissue. Biochemical Journal, 1971, 125, 1119-1129.	3.2	42
159	Occurrence and Biosynthesis of Î²-Glucuronidic Linkages in Heparin. Journal of Biological Chemistry, 1971, 246, 5442-5447.	1.6	59
160	Identification of Iduronic Acid as the Major Sulfated Uronic Acid of Heparin. Journal of Biological Chemistry, 1971, 246, 74-82.	1.6	112
161	Regional Differences in the Incorporation Rates of ³Hâ€Acetate and ³⁵Sâ€Sulfate into Chondroitin Sulfate of Mouse Costal Cartilage in Vitro. Acta Physiologica Scandinavica, 1970, 80, 502-509.	2.3	4
162	The Occurrence of a Heparin-like Glycosaminoglycan in Bovine Milk and its Possible Association with Lipoprotein Lipase.. Acta Chemica Scandinavica, 1969, 23, 3587-3589.	0.7	12

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163	Glucuronic acid- and glucosamine-containing oligosaccharides from the heparin-protein linkage region. Biochimica Et Biophysica Acta - General Subjects, 1968, 156, 203-206.	1.1	8
164	Further characterization of the heparin-protein linkage region. Biochimica Et Biophysica Acta - General Subjects, 1966, 130, 368-382.	1.1	88
165	The Chondroitin 4-Sulfate-Protein Linkage. Journal of Biological Chemistry, 1966, 241, 2113-2119.	1.6	138
166	The Role of Serine in the Linkage of Heparin to Protein. Journal of Biological Chemistry, 1965, 240, 2817-2820.	1.6	218
167	The Role of Galactose and Xylose in the Linkage of Heparin to Protein. Journal of Biological Chemistry, 1965, 240, 2821-2826.	1.6	139
168	The linkage of heparin to protein. Biochemical and Biophysical Research Communications, 1964, 17, 254-259.	1.0	53