Christopher R Parish

List of Publications by Year
in descending order

192 papers	13,508 citations	30070 54 h-index	23533 111 g-index
200 all docs	200 docs citations	200 times ranked	16994 citing authors

#	Article	IF	Citations
1	Determination of lymphocyte division by flow cytometry. Journal of Immunological Methods, 1994, 171, 131-137.	1.4	1,541
2	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. Immunity, 2009, 31, 457-468.	14.3	1,041
3	Monitoring lymphocyte proliferation in vitro and in vivo with the intracellular fluorescent dye carboxyfluorescein diacetate succinimidyl ester. Nature Protocols, 2007, 2, 2049-2056.	12.0	502
4	Cloning of mammalian heparanase, an important enzyme in tumor invasion and metastasis. Nature Medicine, 1999, 5, 803-809.	30.7	501
5	New fluorescent dyes for lymphocyte migration studies. Journal of Immunological Methods, 1990, 133, 87-97.	1.4	462
6	The role of heparan sulphate in inflammation. Nature Reviews Immunology, 2006, 6, 633-643.	22.7	433
7	Fluorescent dyes for lymphocyte migration and proliferation studies. Immunology and Cell Biology, 1999, 77, 499-508.	2.3	384
8	Molecular mechanisms of late apoptotic/necrotic cell clearance. Cell Death and Differentiation, 2010, 17, 381-397.	11.2	278
9	Histidineâ€rich glycoprotein: A novel adaptor protein in plasma that modulates the immune, vascular and coagulation systems. Immunology and Cell Biology, 2005, 83, 106-118.	2.3	268
10	Heparanase: a key enzyme involved in cell invasion. Biochimica Et Biophysica Acta: Reviews on Cancer, 2001, 1471, M99-M108.	7.4	264
11	Targeting Dendritic Cells with Antigen-Containing Liposomes. Cancer Research, 2004, 64, 4357-4365.	0.9	246
12	Immunotherapy of Cytotoxic T Cellâ€“resistant Tumors by T Helper 2 Cells. Journal of Experimental Medicine, 2003, 197, 387-393.	8.5	213
13	Reversal of the glycolytic phenotype by dichloroacetate inhibits metastatic breast cancer cell growth in vitro and in vivo. Breast Cancer Research and Treatment, 2010, 120, 253-260.	2.5	204
14	Cancer immunotherapy: The past, the present and the future. Immunology and Cell Biology, 2003, 81, 106-113.	2.3	187
15	Histidine-rich glycoprotein: the Swiss Army knife of mammalian plasma. Blood, 2011, 117, 2093-2101.	1.4	179
16	Regulation of Carcinogenesis by IL-5 and CCL11: A Potential Role for Eosinophils in Tumor Immune Surveillance. Journal of Immunology, 2007, 178, 4222-4229.	0.8	176
17	Analysis of the inhibition of tumour metastasis by sulphated polysaccharides. International Journal of Cancer, 1987, 39, 82-88.	5.1	161
18	Evidence that sulphated polysaccharides inhibit tumour metastasis by blocking tumour-cell-derived heparanases. International Journal of Cancer, 1987, 40, 511-518.	5.1	158

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19	Th2â€mediated antiâ€tumour immunity: friend or foe?. Tissue Antigens, 2007, 70, 1-11.	1.0	158
20	Platelets and P-Selectin Control Tumor Cell Metastasis in an Organ-Specific Manner and Independently of NK Cells. Cancer Research, 2012, 72, 4662-4671.	0.9	155
21	Identification of Active-Site Residues of the Pro-Metastatic Endoglycosidase Heparanaseâ€. Biochemistry, 2000, 39, 15659-15667.	2.5	150
22	A functional heparan sulfate mimetic implicates both heparanase and heparan sulfate in tumor angiogenesis and invasion in a mouse model of multistage cancer. Oncogene, 2005, 24, 4037-4051.	5.9	147
23	New and improved methods for measuring lymphocyte proliferation in vitro and in vivo using CFSE-like fluorescent dyes. Journal of Immunological Methods, 2012, 379, 1-14.	1.4	144
24	The Use of Carboxyfluorescein Diacetate Succinimidyl Ester (CFSE) to Monitor Lymphocyte Proliferation. Journal of Visualized Experiments, 2010, , .	0.3	141
25	Heparan sulfate and heparanase play key roles in mouse Î² cell survival and autoimmune diabetes. Journal of Clinical Investigation, 2012, 122, 132-141.	8.2	138
26	New Insights into Intracellular Locations and Functions of Heme Oxygenase-1. Antioxidants and Redox Signaling, 2014, 20, 1723-1742.	5.4	130
27	Heparan Sulfate: A Ubiquitous Glycosaminoglycan with Multiple Roles in Immunity. Frontiers in Immunology, 2013, 4, 470.	4.8	128
28	Protein determination on an automatic spectrophotometer. Analytical Biochemistry, 1982, 121, 213-214.	2.4	104
29	The low molecular weight heparan sulfate-mimetic, PI-88, inhibits cell-to-cell spread of herpes simplex virus. Antiviral Research, 2004, 63, 15-24.	4.1	101
30	Use of the Intracellular Fluorescent Dye CFSE to Monitor Lymphocyte Migration and Proliferation. Current Protocols in Immunology, 2009, 84, Unit4.9.	3.6	101
31	Extracellular Matrix Components in the Pathogenesis of Type 1 Diabetes. Current Diabetes Reports, 2014, 14, 552.	4.2	92
32	Discrimination of suppressor T cells of humoral and cell-mediated immunity by anti-Ly and anti-Ia sera. Cellular Immunology, 1977, 31, 364-369.	3.0	84
33	A rapid quantitative assay for the detection of mammalian heparanase activity. Biochemical Journal, 1997, 325, 229-237.	3.7	80
34	Liposomal vaccinesâ€"targeting the delivery of antigen. Methods, 2006, 40, 39-52.	3.8	80
35	Dramatic regulation of heparanase activity and angiogenesis gene expression in synovium from patients with rheumatoid arthritis. Arthritis and Rheumatism, 2008, 58, 1590-1600.	6.7	79
36	Histidine-Rich Glycoprotein Binds to Human IgG and C1q and Inhibits the Formation of Insoluble Immune Complexes. Biochemistry, 1997, 36, 6653-6662.	2.5	72

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37	Eotaxin Selectively Binds Heparin. Journal of Biological Chemistry, 2007, 282, 15238-15247.	3.4	72
38	Anti-HIV-1 Activity of Chemically Modified Heparins: Correlation between Binding to the V3 Loop of gp120 and Inhibition of Cellular HIV-1 Infection in vitro. Biochemistry, 1994, 33, 6974-6980.	2.5	71
39	Comparative analysis of the ability of leucocytes, endothelial cells and platelets to degrade the subendothelial basement membrane: Evidence for cytokine dependence and detection of a novel sulfatase. Immunology and Cell Biology, 1995, 73, 113-124.	2.3	69
40	Selective localisation of neuro-specific T lymphocytes in the central nervous system. Journal of Neuroimmunology, 1992, 37, 237-250.	2.3	68
41	Phase I trial of Lipovaxin-MM, a novel dendritic cell-targeted liposomal vaccine for malignant melanoma. Cancer Immunology, Immunotherapy, 2018, 67, 1461-1472.	4.2	68
42	Histidine-Rich Glycoprotein and Platelet Factor 4 Mask Heparan Sulfate Proteoglycans Recognized by Acidic and Basic Fibroblast Growth Factor. Biochemistry, 1994, 33, 13918-13927.	2.5	67
43	Are murine marginal-zone macrophages the splenic white pulp analog of high endothelial venules?. European Journal of Immunology, 1995, 25, 3165-3172.	2.9	67
44	Dynamic Histone Variant Exchange Accompanies Gene Induction in T Cells. Molecular and Cellular Biology, 2009, 29, 1972-1986.	2.3	67
45	Unexpected new roles for heparanase in Type 1 diabetes and immune gene regulation. Matrix Biology, 2013, 32, 228-233.	3.6	65
46	Phosphomannopentaose Sulfate (PIâ€88): Heparan Sulfate Mimetic with Clinical Potential in Multiple Vascular Pathologies. Cardiovascular Drug Reviews, 2004, 22, 1-6.	4.1	63
47	Autorosette Inhibition Factor: Isolation and Properties of the Human Plasma Protein. FEBS Journal, 1981, 119, 641-646.	0.2	62
48	DNAzyme Targeting c- jun Suppresses Skin Cancer Growth. Science Translational Medicine, 2012, 4, 139ra82.	12.4	60
49	Mice Deficient in the Putative Phospholipid Flippase ATP11C Exhibit Altered Erythrocyte Shape, Anemia, and Reduced Erythrocyte Life Span*. Journal of Biological Chemistry, 2014, 289, 19531-19537.	3.4	60
50	Chromatin-Associated Protein Kinase C-Î¸ Regulates an Inducible Gene Expression Program and MicroRNAs in Human T Lymphocytes. Molecular Cell, 2011, 41, 704-719.	9.7	59
51	Neutrophil extracellular traps and their histones promote Th17 cell differentiation directly via TLR2. Nature Communications, 2022, 13, 528.	12.8	59
52	A Synthetic Heparanase Inhibitor Reduces Proteinuria in Passive Heymann Nephritis. Journal of the American Society of Nephrology: JASN, 2004, 15, 2882-2892.	6.1	58
53	Histidine-rich Glycoprotein Binds to Cell-surface Heparan Sulfate via Its N-terminal Domain following Zn2+ Chelation. Journal of Biological Chemistry, 2004, 279, 30114-30122.	3.4	58
54	The endoglycosidase heparanase enters the nucleus of T lymphocytes and modulates H3 methylation at actively transcribed genes via the interplay with key chromatin modifying enzymes. Transcription, 2012, 3, 130-145.	3.1	58

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55	Continual Low-Level Activation of the Classical Complement Pathway. Journal of Experimental Medicine, 2001, 194, 747-756.	8.5	56
56	Platelets, Selectins, and the Control of Tumor Metastasis. Seminars in Oncology, 2014, 41, 422-434.	2.2	56
57	Modification of lymphocyte migration by sulfated polysaccharides. European Journal of Immunology, 1986, 16, 423-430.	2.9	55
58	Whole-exome sequencing in evaluation of patients with venous thromboembolism. Blood Advances, 2017, 1, 1224-1237.	5.2	55
59	Blockade of Vascular Smooth Muscle Cell Proliferation and Intimal Thickening After Balloon Injury by the Sulfated Oligosaccharide PI-88. Circulation Research, 2003, 92, e70-7.	4.5	54
60	Use of Sulfated Linked Cyclitols as Heparan Sulfate Mimetics to Probe the Heparin/Heparan Sulfate Binding Specificity of Proteins. Journal of Biological Chemistry, 2005, 280, 8842-8849.	3.4	54
61	Bystander B cells rapidly acquire antigen receptors from activated B cells by membrane transfer. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4259-4264.	7.1	54
62	C8câ€“C15 monoseco-analogues of the phenanthroquinolizidine alkaloids julandine and cryptopleurine exhibiting potent anti-angiogenic properties. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 181-185.	2.2	52
63	Heparan sulfate and inflammation. Nature Immunology, 2005, 6, 861-862.	14.5	50
64	Heparanase and Autoimmune Diabetes. Frontiers in Immunology, 2013, 4, 471.	4.8	50
65	Treatment of central nervous system inflammation with inhibitors of basement membrane degradation. Immunology and Cell Biology, 1998, 76, 104-113.	2.3	48
66	Neutralizing the pathological effects of extracellular histones with small polyanions. Nature Communications, 2020, 11, 6408.	12.8	48
67	Targeted Liposomal Delivery of TLR9 Ligands Activates Spontaneous Antitumor Immunity in an Autochthonous Cancer Model. Journal of Immunology, 2009, 183, 1091-1098.	0.8	46
68	Leptin signals via TGFB1 to promote metastatic potential and stemness in breast cancer. PLoS ONE, 2017, 12, e0178454.	2.5	46
69	Computational analyses of the catalytic and heparin-binding sites and their interactions with glycosaminoglycans in glycoside hydrolase family 79 endo-l²-d-glucuronidase (heparanase). Glycobiology, 2012, 22, 35-55.	2.5	44
70	Lymphocytes express a diverse array of specific receptors for sulfated polysaccharides. Cellular Immunology, 1985, 91, 201-214.	3.0	43
71	Calcein: A novel marker for lymphocytes which enter lymph nodes. Cytometry, 1992, 13, 739-749.	1.8	43
72	Plasminogen Is Tethered with High Affinity to the Cell Surface by the Plasma Protein, Histidine-rich Glycoprotein. Journal of Biological Chemistry, 2004, 279, 38267-38276.	3.4	43

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73	Evaluation of the ability of digital infrared imaging to detect vascular changes in experimental animal tumours. International Journal of Cancer, 2004, 108, 790-794.	5.1	43
74	Evidence That the Cellular Ligand for the Human NK Cell Activation Receptor NKp30 Is Not a Heparan Sulfate Glycosaminoglycan. Journal of Immunology, 2005, 175, 207-212.	0.8	41
75	Histidine-rich glycoprotein is a novel plasma pattern recognition molecule that recruits IgG to facilitate necrotic cell clearance via FcÎ³RI on phagocytes. Blood, 2010, 115, 2473-2482.	1.4	41
76	Differential Binding of Histidine-rich Glycoprotein (HRG) to Human IgG Subclasses and IgG Molecules Containing Îº and Î» Light Chains. Journal of Biological Chemistry, 1999, 274, 29633-29640.	3.4	40
77	Interplay between Chromatin Remodeling and Epigenetic Changes during Lineage-Specific Commitment to Granzyme B Expression. Journal of Immunology, 2009, 183, 7063-7072.	0.8	40
78	T cell receptor sharing by cytotoxic T lymphocytes facilitates efficient virus control. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14984-14989.	7.1	39
79	Heme oxygenase-1 deficiency alters erythroblastic island formation, steady-state erythropoiesis and red blood cell lifespan in mice. Haematologica, 2015, 100, 601-610.	3.5	39
80	Targeted therapies in the management of locally advanced and metastatic pancreatic cancer: a systematic review. Oncotarget, 2018, 9, 21613-21627.	1.8	39
81	Immune deviation: A historical perspective*. Immunology and Cell Biology, 1996, 74, 449-456.	2.3	38
82	Dependence of the adaptive immune response on innate immunity: Some questions answered but new paradoxes emerge. Immunology and Cell Biology, 1997, 75, 523-527.	2.3	38
83	Characterisation of the Anticoagulant Properties of a Range of Structurally Diverse Sulfated Oligosaccharides. Thrombosis Research, 2001, 103, 325-335.	1.7	38
84	Investigation of the ability of several naturally occurring and synthetic polyanions to bind to and potentiate the biological activity of acidic fibroblast growth factor. Journal of Cellular Physiology, 1993, 157, 184-189.	4.1	37
85	Astrocytic hypertrophy: An important pathological feature of chronic experimental autoimmune encephalitis in aged rats. Journal of Neuroimmunology, 1993, 48, 121-134.	2.3	37
86	Comparison of antigens recognized by xenogeneic and allogeneic anti-Ia antibodies: Evidence for two classes of Ia antigens. Immunogenetics, 1978, 6, 343-354.	2.4	36
87	Evidence that platelet and tumour heparanases are similar enzymes. Biochemical Journal, 1999, 342, 361-368.	3.7	36
88	The Yeast Homolog of Heme Oxygenase-1 Affords Cellular Antioxidant Protection via the Transcriptional Regulation of Known Antioxidant Genes. Journal of Biological Chemistry, 2011, 286, 2205-2214.	3.4	36
89	A basement-membrane permeability assay which correlates with the metastatic potential of tumour cells. International Journal of Cancer, 1992, 52, 378-383.	5.1	35
90	Activation of tumour cell ECM degradation by thrombin-activated platelet membranes: potentially a P-selectin and GPIIb/IIIa-dependent process. Clinical and Experimental Metastasis, 2015, 32, 495-505.	3.3	35

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91	Antiangiogenic platinum through glycan targeting. Chemical Science, 2017, 8, 241-252.	7.4	35
92	Differential effects of the anti-inflammatory compounds heparin, mannose-6-phosphate, and castanospermine on degradation of the vascular basement membrane by leukocytes, endothelial cells, and platelets. Journal of Leukocyte Biology, 1995, 57, 207-213.	3.3	34
93	Murine histidine-rich glycoprotein: Cloning, characterization and cellular origin. Immunology and Cell Biology, 2000, 78, 280-287.	2.3	34
94	The accumulation of circulating histones on heparan sulphate in the capillary glycocalyx of the lungs. Biomaterials, 2013, 34, 5670-5676.	11.4	34
95	Targeting dendritic cells with antigen-containing liposomes: antitumour immunity. Expert Opinion on Biological Therapy, 2004, 4, 1735-1747.	3.1	33
96	Inhibition of adjuvant arthritis in the rat by phosphosugars and the Î±â€glucosidase inhibitor castanospermine. Immunology and Cell Biology, 1992, 70, 369-377.	2.3	32
97	Histidine-rich Glycoprotein Specifically Binds to Necrotic Cells via Its Amino-terminal Domain and Facilitates Necrotic Cell Phagocytosis. Journal of Biological Chemistry, 2005, 280, 35733-35741.	3.4	32
98	Loss of intra-islet heparan sulfate is a highly sensitive marker of type 1 diabetes progression in humans. PLoS ONE, 2018, 13, e0191360.	2.5	31
99	Pericytes Promote Malignant Ovarian Cancer Progression in Mice and Predict Poor Prognosis in Serous Ovarian Cancer Patients. Clinical Cancer Research, 2016, 22, 1813-1824.	7.0	30
100	A One-Pot Synthesis and Biological Activity of Ageladine A and Analogues. Journal of Medicinal Chemistry, 2011, 54, 2492-2503.	6.4	29
101	EFFECTS OF THYMUS-INDEPENDENT (B) CELLS AND THE H-2 GENE COMPLEX ON ANTIVIRAL FUNCTION OF IMMUNE THYMUS-DERIVED (T) CELLS. The Australian Journal of Experimental Biology and Medical Science, 1975, 53, 187-195.	0.7	28
102	Evidence that mannose recognition by splenic sinusoidal cells plays a role in the splenic entry of lymphocytes. European Journal of Immunology, 1992, 22, 1975-1981.	2.9	28
103	A role for sulfated polysaccharide recognition in sponge cell aggregation. Experimental Cell Research, 1987, 170, 381-401.	2.6	27
104	Engrafting Costimulator Molecules onto Tumor Cell Surfaces with Chelator Lipids: A Potentially Convenient Approach in Cancer Vaccine Development. Journal of Immunology, 2000, 164, 2433-2443.	0.8	27
105	Alternatively Activated Macrophage Possess Antitumor Cytotoxicity That Is Induced by IL-4 and Mediated by Arginase-1. Journal of Immunotherapy, 2010, 33, 443-452.	2.4	27
106	Nonimmune lymphocyte-macrophage interaction. Cellular Immunology, 1985, 92, 277-289.	3.0	26
107	Inhibition of experimental allergic encephalomyelitis by the Î±-glucosidase inhibitor castanospermine. Journal of the Neurological Sciences, 1989, 90, 77-85.	0.6	26
108	Histidine-rich glycoprotein regulates the binding of monomeric IgG and immune complexes to monocytes. International Immunology, 1999, 11, 1275-1282.	4.0	26

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109	Heparanase: Historical Aspects and Future Perspectives. Advances in Experimental Medicine and Biology, 2020, 1221, 71-96.	1.6	26
110	Inhibition of Plasmodium falciparum Growth In Vitro and Adhesion to Chondroitin-4-Sulfate by the Heparan Sulfate Mimetic PI-88 and Other Sulfated Oligosaccharides. Antimicrobial Agents and Chemotherapy, 2006, 50, 2850-2852.	3.2	25
111	Glycosaminoglycanâ€induced activation of the Î²â€secretase (BACE1) of Alzheimerâ€™s disease. Journal of Neurochemistry, 2010, 112, 1552-1561.	3.9	25
112	Nuclear import of early growth response-1 involves importin-7 and the novel nuclear localization signal serine-proline-serine. International Journal of Biochemistry and Cell Biology, 2011, 43, 905-912.	2.8	25
113	Fluorescent target array killing assay: A multiplex cytotoxic Tâ€cell assay to measure detailed Tâ€cell antigen specificity and avidity in vivo. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 679-690.	1.5	25
114	Evidence that Thyâ€1 and Lyâ€5 (Tâ€200) antigens interact with sulphated carbohydrates. Immunology and Cell Biology, 1988, 66, 221-230.	2.3	24
115	Phosphosugars are potent inhibitors of central nervous system inflammation 1. FASEB Journal, 1989, 3, 1968-1971.	0.5	24
116	Effects of the antiâ€inflammatory compounds castanospermine, mannoseâ€6â€phosphate and fucoidan on allograft rejection and elicited peritoneal exudates. Immunology and Cell Biology, 1994, 72, 367-374.	2.3	22
117	Convergent synthesis and preliminary biological evaluations of the stilbenolignan (Â±)-aiphanol and various congeners. Organic and Biomolecular Chemistry, 2003, 1, 2427-2429.	2.8	22
118	Activation of cathepsin D by glycosaminoglycans. FEBS Journal, 2009, 276, 7343-7352.	4.7	22
119	Heparanase in primary human osteoblasts. Journal of Orthopaedic Research, 2010, 28, 1315-1322.	2.3	22
120	Upregulation of heparanase in high-glucose-treated endothelial cells promotes endothelial cell migration and proliferation and correlates with Akt and extracellular-signal-regulated kinase phosphorylation. Molecular Vision, 2012, 18, 1684-95.	1.1	22
121	Acidic and basic fibroblast growth factor bind with differing affinity to the same heparan sulfate proteoglycan on BALB/c 3T3 cells: Implications for potentiation of growth factor action by heparin. Journal of Cellular Biochemistry, 1995, 58, 6-14.	2.6	21
122	C-Glycoside formation via Lewis acid promoted reaction of O-glycosylimidates with pyrroles. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1743-1745.	1.3	21
123	Histidine-rich glycoprotein functions cooperatively with cell surface heparan sulfate on phagocytes to promote necrotic cell uptake. Journal of Leukocyte Biology, 2010, 88, 559-569.	3.3	21
124	Heparanase and Vascular Endothelial Growth Factor Expression Is Increased in Hypoxia-Induced Retinal Neovascularization. , 2012, 53, 6810.		20
125	Extracellular histones induce erythrocyte fragility and anemia. Blood, 2017, 130, 2884-2888.	1.4	20
126	Anti-self receptors. Immunogenetics, 1981, 12, 587-599.	2.4	19

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127	Ability of different chemically modified heparins to potentiate the biological activity of heparin-binding growth factor 1. Lack of correlation with growth factor binding. Biochemistry, 1992, 31, 6498-6503.	2.5	19
128	Human HPA endoglycosidase heparanase. Map position 4q21.3. Chromosome Research, 1999, 7, 319-319.	2.2	19
129	Regulation of histidine-rich glycoprotein (HRG) function via plasmin-mediated proteolytic cleavage. Biochemical Journal, 2009, 424, 27-37.	3.7	19
130	Extracellular histones are a target in myocardial ischaemiaâ€“reperfusion injury. Cardiovascular Research, 2022, 118, 1115-1125.	3.8	19
131	Drug-induced thrombocytopenia: development of a novel NOD/SCID mouse model to evaluate clearance of circulating platelets by drug-dependent antibodies and the efficacy of IVIG. Blood, 2010, 116, 1958-1960.	1.4	18
132	Use of an In Vivo FTA Assay to Assess the Magnitude, Functional Avidity and Epitope Variant Cross-Reactivity of T Cell Responses Following HIV-1 Recombinant Poxvirus Vaccination. PLoS ONE, 2014, 9, e105366.	2.5	18
133	Circulating platelet-neutrophil aggregates characterize the development of type 1 diabetes in humans and NOD mice. JCI Insight, 2022, 7, .	5.0	18
134	Isolation and characterization of cell adhesion molecules from the marine sponge, Ophlitaspongia tenuis. Biochimica Et Biophysica Acta - General Subjects, 1991, 1073, 56-64.	2.4	16
135	Use of the Intracellular Fluorescent Dye CFSE to Monitor Lymphocyte Migration and Proliferation. Current Protocols in Immunology, 2002, Chapter 4, Unit 4.9.	3.6	16
136	Fibrin exposure triggers Î±IIbÎ²3â€independent platelet aggregate formation, ADAM10 activity and glycoprotein VI shedding in a chargeâ€dependent manner. Journal of Thrombosis and Haemostasis, 2020, 18, 1447-1458.	3.8	16
137	Isolation, Tissue Distribution, and Chromosomal Localization of a Novel Testis-Specific Human Four-Transmembrane Gene Related to CD20 and FcÌµRI-Î². Biochemical and Biophysical Research Communications, 2001, 280, 374-379.	2.1	15
138	A novel fluorescent-based assay reveals that thrombopoietin signaling and Bcl-XL influence, respectively, platelet and erythrocyte lifespans. Experimental Hematology, 2010, 38, 453-461.e1.	0.4	15
139	Lipo-Chitin Oligosaccharides, Plant Symbiosis Signalling Molecules That Modulate Mammalian Angiogenesis In Vitro. PLoS ONE, 2014, 9, e112635.	2.5	15
140	Melanoma protective antitumor immunity activated by catalytic DNA. Oncogene, 2018, 37, 5115-5126.	5.9	15
141	Is host heparanase required for the rapid spread of heparan sulfate binding viruses?. Virology, 2019, 529, 1-6.	2.4	15
142	Inhibition of secondary IgG responses by N-acetyl-D-galactosamine. European Journal of Immunology, 1981, 11, 181-186.	2.9	14
143	Evidence that platelet and tumour heparanases are similar enzymes. Biochemical Journal, 1999, 342, 361.	3.7	14
144	Fluorescent target array T helper assay: A multiplex flow cytometry assay to measure antigen-specific CD4+ T cell-mediated B cell help in vivo. Journal of Immunological Methods, 2013, 387, 181-190.	1.4	14

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145	Cell surface expression of the 300 kDa mannoseâ€6â€phosphate receptor by activated T lymphocytes. Immunology and Cell Biology, 2001, 79, 436-443.	2.3	12
146	Heparanase and Type 1 Diabetes. Advances in Experimental Medicine and Biology, 2020, 1221, 607-630.	1.6	12
147	A rapid, automated colorimetric assay for measuring antibody binding to cell surface antigens. Journal of Immunological Methods, 1983, 64, 257-268.	1.4	11
148	Evidence for cell surface association of CD2 and LFA-1 (CD11a/CD18) on T lymphocytes. European Journal of Immunology, 1994, 24, 450-457.	2.9	11
149	Evidence That Carboxyl-Reduced Heparin Fails to Potentiate Acidic Fibroblast Growth Factor Activity Due to an Inability to Interact with Cell Surface Heparin Receptors. Experimental Cell Research, 1995, 217, 132-139.	2.6	11
150	Histidine-rich glycoprotein binds heparanase and regulates its enzymatic activity and cell surface interactions. International Journal of Biochemistry and Cell Biology, 2010, 42, 1507-1516.	2.8	11
151	Yin Yang-1 inhibits tumor cell growth and inhibits p21WAF1/Cip1 complex formation with cdk4 and cyclin D1. International Journal of Oncology, 2012, 40, 1575-80.	3.3	11
152	Sendai virus stimulates chemiluminescence in mouse T and B lymphocytes. European Journal of Immunology, 1980, 10, 477-480.	2.9	10
153	Lymphocytes express Ia antigens of foreign haplotype following treatment with neuraminidase. Immunogenetics, 1981, 12, 1-20.	2.4	10
154	Polysaccharides Influence the Aggregation of Dictyostelium discoideum Cells and Bind to Developmentally Regulated Cell Surface Proteins. Experimental Cell Research, 1993, 205, 374-382.	2.6	9
155	Reduced Retinal Microvascular Density, Improved Forepaw Reach, Comparative Microarray and Gene Set Enrichment Analysis with c-jun Targeting DNA Enzyme. PLoS ONE, 2012, 7, e39160.	2.5	9
156	Synthesis, Structural Characterisation, and Preliminary Evaluation of Non-Indolin-2-one-based Angiogenesis Inhibitors Related to Sunitinib (SutentÂ®). Australian Journal of Chemistry, 2013, 66, 864.	0.9	9
157	Heparan sulfate proteoglycans in beta cells provide a critical link between endoplasmic reticulum stress, oxidative stress and type 2 diabetes. PLoS ONE, 2021, 16, e0252607.	2.5	9
158	Inhibition of Passive Allergic Encephalomyelitis by Sulfated Polysaccharides. Annals of the New York Academy of Sciences, 1988, 540, 543-545.	3.8	8
159	Beware of NK cells in pre-clinical metastasis models. Clinical and Experimental Metastasis, 2013, 30, 945-947.	3.3	8
160	The Use of Fluorescent Target Arrays for Assessment of T Cell Responses In vivo. Journal of Visualized Experiments, 2014, , e51627.	0.3	8
161	Synthesis and preliminary evaluation of 5,7-dimethyl-2-aryl-3H-pyrrolizin-3-ones as angiogenesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1813-1816.	2.2	8
162	Mapping the dextran sulfate binding site on CD2. Immunology and Cell Biology, 1990, 68, 199-205.	2.3	7

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163	Signal minus 1: A key factor in immunological tolerance to tissue-specific self antigens?. Immunology and Cell Biology, 1996, 74, 278-285.	2.3	6
164	Detection of low-affinity adhesion ligands by linking recombinant cell adhesion molecules in uniform orientation to a fluorescently labelled dextran molecule by means of hexahistidine tagging: the case of multimeric CD40. Journal of Immunological Methods, 1998, 215, 9-15.	1.4	6
165	Potential contrasting effects of platelets on the migration and invasion of sarcomas versus carcinomas. Platelets, 2021, 32, 662-670.	2.3	6
166	Whole Exome Sequencing and Extended Thrombophilia Testing in Patients with Venous Thromboembolism. Blood, 2018, 132, 2506-2506.	1.4	6
167	Synthesis and Biological Evaluation of Some Enantiomerically Pure C8c - C15 Monoseco Analogues of the Phenanthroquinolizidine-Type Alkaloids Cryptopleurine and Julandine. Australian Journal of Chemistry, 2008, 61, 506.	0.9	5
168	The antiangiogenic properties of sulfated Î²-cyclodextrins in anticancer formulations incorporating 5-fluorouracil. Anti-Cancer Drugs, 2013, 24, 704-714.	1.4	5
169	Immunology and Cell Biology turns 90. Immunology and Cell Biology, 2014, 92, 1-5.	2.3	5
170	Editorial: Carbohydrates: The Yet to be Tasted Sweet Spot of Immunity. Frontiers in Immunology, 2015, 6, 314.	4.8	5
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