

Johan V Van Der Vlag

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199
papers

9,454
citations

57
h-index

89
g-index

217
ext. papers

10,930
ext. citations

6.4
avg, IF

5.94
L-index

#	Paper	IF	Citations
199	Transcriptional repression mediated by the human polycomb-group protein EED involves histone deacetylation. <i>Nature Genetics</i> , 1999 , 23, 474-8	36.3	446
198	Asymmetry in histone H3 variants and lysine methylation between paternal and maternal chromatin of the early mouse zygote. <i>Mechanisms of Development</i> , 2005 , 122, 1008-22	1.7	281
197	Molecular determinants of nucleosome retention at CpG-rich sequences in mouse spermatozoa. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 868-75	17.6	242
196	Characterization of interactions between the mammalian polycomb-group proteins Enx1/EZH2 and EED suggests the existence of different mammalian polycomb-group protein complexes. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3586-95	4.8	212
195	New approaches to the treatment of dense deposit disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2447-56	12.7	200
194	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019 , 26, 395-408	12.7	185
193	Chromosome-wide nucleosome replacement and H3.3 incorporation during mammalian meiotic sex chromosome inactivation. <i>Nature Genetics</i> , 2007 , 39, 251-8	36.3	181
192	C-Terminal binding protein is a transcriptional repressor that interacts with a specific class of vertebrate Polycomb proteins. <i>Molecular and Cellular Biology</i> , 1999 , 19, 777-87	4.8	164
191	RING1 is associated with the polycomb group protein complex and acts as a transcriptional repressor. <i>Molecular and Cellular Biology</i> , 1997 , 17, 4105-13	4.8	160
190	Apoptosis in the pathogenesis of systemic lupus erythematosus. <i>Lupus</i> , 2008 , 17, 371-5	2.6	160
189	Angiotensin II contributes to podocyte injury by increasing TRPC6 expression via an NFAT-mediated positive feedback signaling pathway. <i>American Journal of Pathology</i> , 2011 , 179, 1719-32	5.8	158
188	Proximal tubular cells contain a phenotypically distinct, scattered cell population involved in tubular regeneration. <i>Journal of Pathology</i> , 2013 , 229, 645-59	9.4	151
187	Transmission of modified nucleosomes from the mouse male germline to the zygote and subsequent remodeling of paternal chromatin. <i>Developmental Biology</i> , 2006 , 298, 458-69	3.1	148
186	In vivo HP1 targeting causes large-scale chromatin condensation and enhanced histone lysine methylation. <i>Molecular and Cellular Biology</i> , 2005 , 25, 4552-64	4.8	147
185	Heparanase is essential for the development of diabetic nephropathy in mice. <i>Diabetes</i> , 2012 , 61, 208-16	9.9	143
184	Disruption of glomerular basement membrane charge through podocyte-specific mutation of agrin does not alter glomerular permselectivity. <i>American Journal of Pathology</i> , 2007 , 171, 139-52	5.8	139
183	Sperm-derived histones contribute to zygotic chromatin in humans. <i>BMC Developmental Biology</i> , 2008 , 8, 34	3.1	137

182	Antibody response against the glomerular basement membrane protein agrin in patients with transplant glomerulopathy. <i>American Journal of Transplantation</i> , 2005 , 5, 383-93	8.7	113
181	Apoptosis-induced acetylation of histones is pathogenic in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1921-33		112
180	C3 glomerulopathy - understanding a rare complement-driven renal disease. <i>Nature Reviews Nephrology</i> , 2019 , 15, 129-143	14.9	109
179	Neutrophils Discriminate between Lipopolysaccharides of Different Bacterial Sources and Selectively Release Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2016 , 7, 484	8.4	106
178	Interference with the expression of a novel human polycomb protein, hPc2, results in cellular transformation and apoptosis. <i>Molecular and Cellular Biology</i> , 1997 , 17, 6076-86	4.8	104
177	Sialic Acid Blockade Suppresses Tumor Growth by Enhancing T-cell-Mediated Tumor Immunity. <i>Cancer Research</i> , 2018 , 78, 3574-3588	10.1	103
176	Circulating Apoptotic Microparticles in Systemic Lupus Erythematosus Patients Drive the Activation of Dendritic Cell Subsets and Prime Neutrophils for NETosis. <i>Arthritis and Rheumatology</i> , 2016 , 68, 462-72	9.5	103
175	Deeper penetration of erythrocytes into the endothelial glycocalyx is associated with impaired microvascular perfusion. <i>PLoS ONE</i> , 2014 , 9, e96477	3.7	102
174	Neutrophil Extracellular Traps Drive Endothelial-to-Mesenchymal Transition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1371-1379	9.4	97
173	Association of kidney function with changes in the endothelial surface layer. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 698-704	6.9	96
172	The role of reactive oxygen species in apoptosis of the diabetic kidney. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009 , 14, 1451-8	5.4	96
171	Increased expression of heparanase in overt diabetic nephropathy. <i>Kidney International</i> , 2006 , 70, 2100-8	8.9	95
170	Heparan sulfate proteoglycans in glomerular inflammation. <i>Kidney International</i> , 2004 , 65, 768-85	9.9	93
169	Apoptosis-associated acetylation on histone H2B is an epitope for lupus autoantibodies. <i>Molecular Immunology</i> , 2009 , 47, 511-6	4.3	89
168	Relationship between anti-dsDNA, anti-nucleosome and anti-alpha-actinin antibodies and markers of renal disease in patients with lupus nephritis: a prospective longitudinal study. <i>Arthritis Research and Therapy</i> , 2009 , 11, R154	5.7	88
167	Heparanase in glomerular diseases. <i>Kidney International</i> , 2007 , 72, 543-8	9.9	87
166	Breaking immunological tolerance in systemic lupus erythematosus. <i>Frontiers in Immunology</i> , 2014 , 5, 164	8.4	87
165	A microscopic view on the renal endothelial glycocalyx. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F956-66	4.3	83

164	Mutations of factor H impair regulation of surface-bound C3b by three mechanisms in atypical hemolytic uremic syndrome. <i>Journal of Biological Chemistry</i> , 2009 , 284, 15650-8	5.4	79
163	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016 , 65, 2429-39	0.9	79
162	Mouse dendritic cells matured by ingestion of apoptotic blebs induce T cells to produce interleukin-17. <i>Arthritis and Rheumatism</i> , 2009 , 60, 2304-13		76
161	Glomerular endothelial surface layer acts as a barrier against albumin filtration. <i>American Journal of Pathology</i> , 2013 , 182, 1532-40	5.8	75
160	Endothelin-1 Induces Proteinuria by Heparanase-Mediated Disruption of the Glomerular Glycocalyx. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3545-3551	12.7	75
159	Heparanase: roles in cell survival, extracellular matrix remodelling and the development of kidney disease. <i>Nature Reviews Nephrology</i> , 2017 , 13, 201-212	14.9	74
158	Protein-bound uremic toxins stimulate crosstalk between leukocytes and vessel wall. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1981-94	12.7	74
157	Acetylated histones contribute to the immunostimulatory potential of neutrophil extracellular traps in systemic lupus erythematosus. <i>Clinical and Experimental Immunology</i> , 2015 , 179, 68-74	6.2	72
156	Induction of glomerular heparanase expression in rats with adriamycin nephropathy is regulated by reactive oxygen species and the renin-angiotensin system. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 2513-20	12.7	72
155	The role of heparanase and the endothelial glycocalyx in the development of proteinuria. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 49-55	4.3	71
154	Apoptosis-induced histone H3 methylation is targeted by autoantibodies in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 201-7	2.4	71
153	Triggers for anti-chromatin autoantibody production in SLE. <i>Lupus</i> , 2002 , 11, 856-64	2.6	71
152	The role of dendritic cells in the pathogenesis of systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2010 , 12, 207	5.7	68
151	Disturbed T Cell Signaling and Altered Th17 and Regulatory T Cell Subsets in the Pathogenesis of Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2015 , 6, 610	8.4	67
150	Glomerular targets of nephritogenic autoantibodies in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1892-9		67
149	Beneficial non-anticoagulant mechanisms underlying heparin treatment of COVID-19 patients. <i>EBioMedicine</i> , 2020 , 59, 102969	8.8	67
148	Lupus nephritis: role of antinucleosome autoantibodies. <i>Seminars in Nephrology</i> , 2011 , 31, 376-89	4.8	61
147	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3139		61

146	The pathogenesis and diagnosis of systemic lupus erythematosus: still not resolved. <i>Seminars in Immunopathology</i> , 2014 , 36, 301-11	12	60
145	Role of heparanase-driven inflammatory cascade in pathogenesis of diabetic nephropathy. <i>Diabetes</i> , 2014 , 63, 4302-13	0.9	59
144	Transcriptional repression mediated by polycomb group proteins and other chromatin-associated repressors is selectively blocked by insulators. <i>Journal of Biological Chemistry</i> , 2000 , 275, 697-704	5.4	58
143	Reduction of anionic sites in the glomerular basement membrane by heparanase does not lead to proteinuria. <i>Kidney International</i> , 2008 , 73, 278-87	9.9	57
142	Dendritic cells activated by lipopolysaccharide after dexamethasone treatment induce donor-specific allograft hyporesponsiveness. <i>Transplantation</i> , 2006 , 81, 1451-9	1.8	56
141	Isolation and characterization of conditionally immortalized mouse glomerular endothelial cell lines. <i>Kidney International</i> , 2004 , 66, 2193-201	9.9	56
140	Epigenetic patterns maintained in early <i>Caenorhabditis elegans</i> embryos can be established by gene activity in the parental germ cells. <i>PLoS Genetics</i> , 2011 , 7, e1001391	6	54
139	Systemic Monocyte Chemoattractant Protein-1 Inhibition Modifies Renal Macrophages and Restores Glomerular Endothelial Glycocalyx and Barrier Function in Diabetic Nephropathy. <i>American Journal of Pathology</i> , 2017 , 187, 2430-2440	5.8	53
138	Heparanase induces a differential loss of heparan sulphate domains in overt diabetic nephropathy. <i>Diabetologia</i> , 2008 , 51, 372-82	10.3	52
137	Syndecan-1 deficiency aggravates anti-glomerular basement membrane nephritis. <i>Kidney International</i> , 2007 , 72, 1204-15	9.9	52
136	A synthetic heparanase inhibitor reduces proteinuria in passive Heymann nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2882-92	12.7	52
135	The sum of the control coefficients of all enzymes on the flux through a group-transfer pathway can be as high as two. <i>FEBS Journal</i> , 1993 , 212, 791-9		52
134	Glucose specifically regulates TRPC6 expression in the podocyte in an AngII-dependent manner. <i>American Journal of Pathology</i> , 2014 , 184, 1715-26	5.8	51
133	Heparan sulfate domains on cultured activated glomerular endothelial cells mediate leukocyte trafficking. <i>Kidney International</i> , 2008 , 73, 52-62	9.9	51
132	A prospective study of anti-chromatin and anti-C1q autoantibodies in patients with proliferative lupus nephritis treated with cyclophosphamide pulses or azathioprine/methylprednisolone. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 693-6	2.4	51
131	Apoptosis and NET formation in the pathogenesis of SLE. <i>Autoimmunity</i> , 2012 , 45, 597-601	3	50
130	Cleaved N-terminal histone tails distinguish between NADPH oxidase (NOX)-dependent and NOX-independent pathways of neutrophil extracellular trap formation. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1790-1798	2.4	49
129	Role of the heparan sulfate proteoglycan syndecan-1 (CD138) in delayed-type hypersensitivity. <i>Journal of Immunology</i> , 2009 , 182, 4985-93	5.3	49

128	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 575047	8.4	49
127	Incomplete nuclear transformation of human spermatozoa in oligo-astheno-teratospermia: characterization by indirect immunofluorescence of chromatin and thiol status. <i>Human Reproduction</i> , 2008 , 23, 259-70	5.7	48
126	The heparan sulfate motif (GlcNS6S-IdoA2S) ₃ , common in heparin, has a strict topography and is involved in cell behavior and disease. <i>Journal of Biological Chemistry</i> , 2010 , 285, 41143-51	5.4	47
125	Deranged removal of apoptotic cells: its role in the genesis of lupus. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 282-5	4.3	47
124	Cathepsin L is crucial for the development of early experimental diabetic nephropathy. <i>Kidney International</i> , 2016 , 90, 1012-1022	9.9	45
123	Vascular endothelial growth factor in systemic capillary leak syndrome. <i>American Journal of Medicine</i> , 2009 , 122, e5-7	2.4	44
122	Nephritogenic antibodies bind in glomeruli through interaction with exposed chromatin fragments and not with renal cross-reactive antigens. <i>Autoimmunity</i> , 2011 , 44, 373-83	3	43
121	Regulation of glomerular heparanase expression by aldosterone, angiotensin II and reactive oxygen species. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 2637-45	4.3	43
120	Lupus nephritis: enigmas, conflicting models and an emerging concept. <i>Molecular Medicine</i> , 2013 , 19, 161-9	6.2	42
119	In vivo degradation of heparan sulfates in the glomerular basement membrane does not result in proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 823-32	12.7	42
118	Acetylated Histones in Apoptotic Microparticles Drive the Formation of Neutrophil Extracellular Traps in Active Lupus Nephritis. <i>Frontiers in Immunology</i> , 2017 , 8, 1136	8.4	41
117	Vitamin D down-regulates TRPC6 expression in podocyte injury and proteinuric glomerular disease. <i>American Journal of Pathology</i> , 2013 , 182, 1196-204	5.8	38
116	Localization and functional characterization of glycosaminoglycan domains in the normal human kidney as revealed by phage display-derived single chain antibodies. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 1279-88	12.7	37
115	Enzymes of glucose and methanol metabolism in the actinomycete <i>Amycolatopsis methanolica</i> . <i>Journal of Bacteriology</i> , 1994 , 176, 6827-35	3.5	37
114	Glomerular Function and Structural Integrity Depend on Hyaluronan Synthesis by Glomerular Endothelium. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1886-1897	12.7	35
113	Heparanase Is Essential for the Development of Acute Experimental Glomerulonephritis. <i>American Journal of Pathology</i> , 2016 , 186, 805-15	5.8	35
112	New TRPC6 gain-of-function mutation in a non-consanguineous Dutch family with late-onset focal segmental glomerulosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 1830-8	4.3	34
111	Urinary heparanase activity in patients with Type 1 and Type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 2853-61	4.3	34

110	Glomerular binding of anti-dsDNA autoantibodies: the dispute resolved?. <i>Kidney International</i> , 2007 , 71, 600-1	9.9	34
109	Apoptosis-linked changes in the phosphorylation status and subcellular localization of the spliceosomal autoantigen U1-70K. <i>Cell Death and Differentiation</i> , 2008 , 15, 793-804	12.7	33
108	Autoantibodies against Modified Histone Peptides in SLE Patients Are Associated with Disease Activity and Lupus Nephritis. <i>PLoS ONE</i> , 2016 , 11, e0165373	3.7	33
107	CD44 is required for the pathogenesis of experimental crescentic glomerulonephritis and collapsing focal segmental glomerulosclerosis. <i>Kidney International</i> , 2018 , 93, 626-642	9.9	32
106	Modulation of heparan sulfate in the glomerular endothelial glycocalyx decreases leukocyte influx during experimental glomerulonephritis. <i>Kidney International</i> , 2014 , 86, 932-42	9.9	31
105	Control of glucose metabolism by the enzymes of the glucose phosphotransferase system in <i>Salmonella typhimurium</i> . <i>FEBS Journal</i> , 1995 , 230, 170-82		31
104	Novel parietal epithelial cell subpopulations contribute to focal segmental glomerulosclerosis and glomerular tip lesions. <i>Kidney International</i> , 2019 , 96, 80-93	9.9	30
103	Review: antinucleosome antibodies: a critical reflection on their specificities and diagnostic impact. <i>Arthritis and Rheumatology</i> , 2014 , 66, 1061-9	9.5	30
102	Sildenafil Prevents Podocyte Injury PPAR--Mediated TRPC6 Inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1491-1505	12.7	29
101	Vitamin D attenuates proteinuria by inhibition of heparanase expression in the podocyte. <i>Journal of Pathology</i> , 2015 , 237, 472-81	9.4	29
100	The Calcium-Dependent Protease Calpain-1 Links TRPC6 Activity to Podocyte Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 2099-2109	12.7	29
99	Regulatory and pathogenetic mechanisms of autoantibodies in SLE. <i>Autoimmunity</i> , 2011 , 44, 349-56	3	29
98	CRP/anti-CRP antibodies assembly on the surfaces of cell remnants switches their phagocytic clearance toward inflammation. <i>Frontiers in Immunology</i> , 2011 , 2, 70	8.4	29
97	Aberrant heparan sulfate profile in the human diabetic kidney offers new clues for therapeutic glycomimetics. <i>American Journal of Kidney Diseases</i> , 2006 , 48, 250-61	7.4	29
96	Expression of glomerular heparan sulphate domains in murine and human lupus nephritis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1891-902	4.3	28
95	Heparan sulfate on activated glomerular endothelial cells and exogenous heparinoids influence the rolling and adhesion of leucocytes. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1070-7	4.3	28
94	Quantification of the regulation of glycerol and maltose metabolism by IIAGlc of the phosphoenolpyruvate-dependent glucose phosphotransferase system in <i>Salmonella typhimurium</i> . <i>Journal of Bacteriology</i> , 1994 , 176, 3518-26	3.5	28
93	Lupus-derived monoclonal autoantibodies against apoptotic chromatin recognize acetylated conformational epitopes. <i>Molecular Immunology</i> , 2010 , 48, 248-56	4.3	27

92	The endothelial glycocalyx as a potential modifier of the hemolytic uremic syndrome. <i>European Journal of Internal Medicine</i> , 2013 , 24, 503-9	3.9	26
91	Chemokine cooperativity is caused by competitive glycosaminoglycan binding. <i>Journal of Immunology</i> , 2014 , 192, 3908-3914	5.3	26
90	Effect of long-term storage of urine samples on measurement of kidney injury molecule 1 (KIM-1) and neutrophil gelatinase-associated lipocalin (NGAL). <i>American Journal of Kidney Diseases</i> , 2014 , 63, 573-6	7.4	25
89	Improvement in chromatin maturity of human spermatozoa selected through density gradient centrifugation. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, 256-67		25
88	Both early and late apoptotic blebs are taken up by DC and induce IL-6 production. <i>Autoimmunity</i> , 2009 , 42, 325-7	3	25
87	Mimotopes for lupus-derived anti-DNA and nucleosome-specific autoantibodies selected from random peptide phage display libraries: facts and follies. <i>Journal of Immunological Methods</i> , 2005 , 296, 83-93	2.5	25
86	Increased expression of lysosome membrane protein 2 in glomeruli of patients with idiopathic membranous nephropathy. <i>Proteomics</i> , 2015 , 15, 3722-30	4.8	24
85	Characterization of anticoagulant heparinoids by immunoprofiling. <i>Glycoconjugate Journal</i> , 2008 , 25, 177-85	3	24
84	Alternative Pathway Is Essential for Glomerular Complement Activation and Proteinuria in a Mouse Model of Membranous Nephropathy. <i>Frontiers in Immunology</i> , 2018 , 9, 1433	8.4	23
83	Nucleosomes and C1q bound to glomerular endothelial cells serve as targets for autoantibodies and determine complement activation. <i>Molecular Immunology</i> , 2011 , 49, 75-83	4.3	23
82	Glomerular Endothelial Cells as Instigators of Glomerular Sclerotic Diseases. <i>Frontiers in Pharmacology</i> , 2020 , 11, 573557	5.6	23
81	Vascular bioengineering of scaffolds derived from human discarded transplant kidneys using human pluripotent stem cell-derived endothelium. <i>American Journal of Transplantation</i> , 2019 , 19, 1328-1343	8.7	23
80	Early development of hyperparathyroidism due to loss of PTH transcriptional repression in patients with HNF1 α mutations?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4089-96	5.6	22
79	Selection and characterization of a unique phage display-derived antibody against dermatan sulfate. <i>Matrix Biology</i> , 2006 , 25, 457-61	11.4	21
78	Reactive oxygen species deglycosilate glomerular alpha-dystroglycan. <i>Kidney International</i> , 2006 , 69, 1526-34	9.9	21
77	Urine electrolyte, mineral, and protein excretion in NHERF-2 and NHERF-1 null mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F1001-7	4.3	20
76	Enhanced activation of dendritic cells by autologous apoptotic microvesicles in MRL/lpr mice. <i>Arthritis Research and Therapy</i> , 2015 , 17, 103	5.7	19
75	Blood-borne phagocytes internalize urate microaggregates and prevent intravascular NETosis by urate crystals. <i>Scientific Reports</i> , 2016 , 6, 38229	4.9	19

74	Lupus nephritis: a nucleosome waste disposal defect?. <i>Journal of Nephrology</i> , 2002 , 15 Suppl 6, S1-10	4.8	18
73	Interleukin-6 is essential for glomerular immunoglobulin A deposition and the development of renal pathology in Cd37-deficient mice. <i>Kidney International</i> , 2018 , 93, 1356-1366	9.9	17
72	The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. <i>American Journal of Pathology</i> , 2010 , 176, 2188-97	5.8	17
71	Removal of heparan sulfate from the glomerular basement membrane blocks protein passage. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 3119-27	12.7	17
70	Urinary MicroRNA as Biomarker in Renal Transplantation. <i>American Journal of Transplantation</i> , 2017 , 17, 1160-1166	8.7	16
69	Are primed polymorphonuclear leukocytes contributors to the high heparanase levels in hemodialysis patients?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H651-8	5.3	16
68	Mutations in Complement Factor H Impair Alternative Pathway Regulation on Mouse Glomerular Endothelial Cells in Vitro. <i>Journal of Biological Chemistry</i> , 2016 , 291, 4974-81	5.4	15
67	Control and regulation of metabolic fluxes in microbes by substrates and enzymes. <i>Antonie Van Leeuwenhoek</i> , 1993 , 63, 315-21	2.1	15
66	Endothelial Nitric Oxide Synthase Prevents Heparanase Induction and the Development of Proteinuria. <i>PLoS ONE</i> , 2016 , 11, e0160894	3.7	15
65	1,25-Vitamin D3 Deficiency Induces Albuminuria. <i>American Journal of Pathology</i> , 2016 , 186, 794-804	5.8	14
64	Proteasome inhibition: a new therapeutic option in lupus nephritis?. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 3771-2	4.3	14
63	Localization of alpha-dystroglycan on the podocyte: from top to toe. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 1345-53	3.4	14
62	Regulation of methanol metabolism in the facultative methylotroph <i>Nocardia</i> sp. 239 during growth on mixed substrates in batch- and continuous cultures. <i>Archives of Microbiology</i> , 1990 , 153, 337-343	3.3	14
61	The role of heparan sulfate as determining pathogenic factor in complement factor H-associated diseases. <i>Molecular Immunology</i> , 2015 , 63, 203-8	4.3	13
60	Human Alpha-1-Antitrypsin (hAAT) therapy reduces renal dysfunction and acute tubular necrosis in a murine model of bilateral kidney ischemia-reperfusion injury. <i>PLoS ONE</i> , 2017 , 12, e0168981	3.7	13
59	Expression of sialidase and dystroglycan in human glomerular diseases. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 478-84	4.3	13
58	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020 , 1, 100146	18	13
57	Regulation of glycerol and maltose uptake by the IIGlc-like domain of IINag of the phosphotransferase system in <i>Salmonella typhimurium</i> LT2. <i>Molecular Genetics and Genomics</i> , 1995 , 248, 236-41		12

56	Angiotensin-neprilysin inhibition confers renoprotection in rats with diabetes and hypertension by limiting podocyte injury. <i>Journal of Hypertension</i> , 2020 , 38, 755-764	1.9	12
55	Heparanase Accelerates Obesity-Associated Breast Cancer Progression. <i>Cancer Research</i> , 2019 , 79, 5342-5354	1.5	12
54	Complement factor H protects mice from ischemic acute kidney injury but is not critical for controlling complement activation by glomerular IgM. <i>European Journal of Immunology</i> , 2018 , 48, 791-802	6.1	11
53	Synchronized turbo apoptosis induced by cold-shock. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011 , 16, 86-93	5.4	10
52	Ligation of alpha-dystroglycan on podocytes induces intracellular signaling: a new mechanism for podocyte effacement?. <i>PLoS ONE</i> , 2009 , 4, e5979	3.7	10
51	Minimal volume of amniotic fluid for reliable prenatal cytogenetic diagnosis. <i>Prenatal Diagnosis</i> , 2002 , 22, 164-5	3.2	9
50	Autoantibodies Recognizing Secondary Necrotic Cells Promote Neutrophilic Phagocytosis and Identify Patients With Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2018 , 9, 989	8.4	8
49	Differential Expression of Specific Dermatan Sulfate Domains in Renal Pathology. <i>PLoS ONE</i> , 2015 , 10, e0134946	3.7	8
48	Effect of administration of apoptotic blebs on disease development in lupus mice. <i>Autoimmunity</i> , 2012 , 45, 290-7	3	8
47	The binding of lupus-derived autoantibodies to the C-terminal peptide (83-119) of the major SmD1 autoantigen can be mediated by double-stranded DNA and nucleosomes. <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 1525-8	2.4	8
46	A low molecular weight heparin inhibits experimental metastasis in mice independently of the endothelial glycocalyx. <i>PLoS ONE</i> , 2010 , 5, e11200	3.7	8
45	Differential binding of chemokines CXCL1, CXCL2 and CCL2 to mouse glomerular endothelial cells reveals specificity for distinct heparan sulfate domains. <i>PLoS ONE</i> , 2018 , 13, e0201560	3.7	8
44	A Novel Choroidal Endothelial Cell Line Has a Decreased Affinity for the Age-Related Macular Degeneration-Associated Complement Factor H Variant 402H 2018 , 59, 722-730		8
43	Lithium reduces blood glucose levels, but aggravates albuminuria in BTBR-ob/ob mice. <i>PLoS ONE</i> , 2017 , 12, e0189485	3.7	7
42	Adult and paediatric patients with minimal change nephrotic syndrome show no major alterations in glomerular expression of sulphated heparan sulphate domains. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2886-93	4.3	7
41	Heparanase in Kidney Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1221, 647-667	3.6	7
40	RNA Contaminates Glycosaminoglycans Extracted from Cells and Tissues. <i>PLoS ONE</i> , 2016 , 11, e0167336	3.7	7
39	Direct Observation of Enhanced Nitric Oxide in a Murine Model of Diabetic Nephropathy. <i>PLoS ONE</i> , 2017 , 12, e0170065	3.7	6

38	Kidney-targeted therapies: A quantitative perspective. <i>Journal of Controlled Release</i> , 2020 , 328, 762-775	11.7	6
37	IL-1 β Promotes a New Function of DNase I as a Transcription Factor for the Fas Receptor Gene. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 7	5.7	5
36	Chromatin remodelling initiation in spermatids: differences among human males. <i>Andrology</i> , 2013 , 1, 421-30	4.2	5
35	TRPC6 single nucleotide polymorphisms and progression of idiopathic membranous nephropathy. <i>PLoS ONE</i> , 2014 , 9, e102065	3.7	5
34	Increased plasma heparanase activity in COVID-19 patients		4
33	Novel in vitro assays to detect circulating permeability factor(s) in idiopathic focal segmental glomerulosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36, 247-256	4.3	4
32	Cracking the pathogenesis of cocaine-induced vasculitis. <i>Rheumatology</i> , 2017 , 56, 503-505	3.9	3
31	Leukocyte Bim deficiency does not impact atherogenesis in ldlr mice, despite a pronounced induction of autoimmune inflammation. <i>Scientific Reports</i> , 2017 , 7, 3086	4.9	3
30	Reactivity in ELISA with DNA-loaded nucleosomes in patients with proliferative lupus nephritis. <i>Molecular Immunology</i> , 2015 , 68, 20-4	4.3	3
29	Early apoptotic reorganization of spliceosomal proteins involves caspases, CAD and rearrangement of NuMA. <i>Traffic</i> , 2012 , 13, 257-72	5.7	3
28	Role of syndecan-1 in the interaction between dendritic cells and T cells. <i>PLoS ONE</i> , 2020 , 15, e0230835	3.7	3
27	Neutrophil Extracellular Traps in Dengue Are Mainly Generated NOX-Independently. <i>Frontiers in Immunology</i> , 2021 , 12, 629167	8.4	3
26	Allostimulatory Effects of Dendritic Cells with Characteristic Features of a Regulatory Phenotype. <i>PLoS ONE</i> , 2016 , 11, e0159986	3.7	3
25	Inhibition of mTOR delayed but could not prevent experimental collapsing focal segmental glomerulosclerosis. <i>Scientific Reports</i> , 2020 , 10, 8580	4.9	2
24	Expression of glomerular heparan sulphate domains in murine and human lupus nephritis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2416-2416	4.3	2
23	An absolute procedure to test the growth potential of medium and the influence of decreased oxygen tension in primary amniotic fluid cell cultures. <i>Prenatal Diagnosis</i> , 2006 , 26, 855-60	3.2	2
22	The Glomerular Endothelium in Diabetic Nephropathy: Role of Heparanase 2019 , 153-170		2
21	Laminar flow substantially affects the morphology and functional phenotype of glomerular endothelial cells. <i>PLoS ONE</i> , 2021 , 16, e0251129	3.7	2

20	Microvascular differences in individuals with obesity at risk of developing cardiovascular disease. <i>Obesity</i> , 2021 , 29, 1439-1444	8	2
19	Immune complex formation after exposure of autoantigens on the surface of secondary necrotic cells (SNEC) promotes inflammation in SLE. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A73.1-A73	2.4	1
18	Kidney tubule iron loading in experimental focal segmental glomerulosclerosis.. <i>Scientific Reports</i> , 2022 , 12, 1199	4.9	1
17	Repurposing Riociguat to Target a Novel Paracrine Nitric Oxide-TRPC6 Pathway to Prevent Podocyte Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
16	Protein Expression Correlates Linearly with mRNA Dose over Up to Five Orders of Magnitude In Vitro and In Vivo. <i>Biomedicines</i> , 2021 , 9,	4.8	1
15	Increased Plasma Heparanase Activity and Endothelial Glycocalyx Degradation in Dengue Patients Is Associated With Plasma Leakage.. <i>Frontiers in Immunology</i> , 2021 , 12, 759570	8.4	1
14	Dynamic Expression of Genes Involved in Proteoglycan/Glycosaminoglycan Metabolism during Skin Development. <i>BioMed Research International</i> , 2018 , 2018, 9873471	3	0
13	Selective Binding of Heparin/Heparan Sulfate Oligosaccharides to Factor H and Factor H-Related Proteins: Therapeutic Potential for C3 Glomerulopathies. <i>Frontiers in Immunology</i> , 2021 , 12, 676662	8.4	0
12	Blocking of inflammatory heparan sulfate domains by specific antibodies is not protective in experimental glomerulonephritis.. <i>PLoS ONE</i> , 2021 , 16, e0261722	3.7	0
11	Microparticles in Autoimmunity: Cause or Consequence of Disease?. <i>Frontiers in Immunology</i> , 2022 , 13, 822995	8.4	0
10	Antinucleosome Autoantibodies 2014 , 169-177		
9	ANTI-NUCLEOSOME AUTOANTIBODIES 2007 , 197-203		
8	Nucleosomes and Anti-Nucleosome Autoantibodies as Mediators of Glomerular Pathology in Systemic Lupus Erythematosus317-342		
7	Reduced CXCL1 production by endogenous IL-37 expressing dendritic cells does not affect T cell activation. <i>PLoS ONE</i> , 2021 , 16, e0251809	3.7	
6	Establishment and characterization of a novel conditionally immortalized human parietal epithelial cell line. <i>Experimental Cell Research</i> , 2021 , 405, 112712	4.2	
5	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
4	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
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2 Role of syndecan-1 in the interaction between dendritic cells and T cells **2020**, 15, e0230835

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