

Johan V Van Der Vlag

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Kidney tubule iron loading in experimental focal segmental glomerulosclerosis.. <i>Scientific Reports</i> , 2022 , 12, 1199	4.9	1
198	Microparticles in Autoimmunity: Cause or Consequence of Disease?. <i>Frontiers in Immunology</i> , 2022 , 13, 822995	8.4	0
197	Motile Cilia on Kidney Proximal Tubular Epithelial Cells Are Associated With Tubular Injury and Interstitial Fibrosis.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 765887	5.7	
196	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
195	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021 , 28, 3125-3129		61
194	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	
193	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
192	Neutrophil Extracellular Traps in Dengue Are Mainly Generated NOX-Independently. <i>Frontiers in Immunology</i> , 2021 , 12, 629167	8.4	3
191	Laminar flow substantially affects the morphology and functional phenotype of glomerular endothelial cells. <i>PLoS ONE</i> , 2021 , 16, e0251129	3.7	2
190	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
189	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
188	Microvascular differences in individuals with obesity at risk of developing cardiovascular disease. <i>Obesity</i> , 2021 , 29, 1439-1444	8	2
187	Establishment and characterization of a novel conditionally immortalized human parietal epithelial cell line. <i>Experimental Cell Research</i> , 2021 , 405, 112712	4.2	
186	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
185	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
184	Inhibition of mTOR delayed but could not prevent experimental collapsing focal segmental glomerulosclerosis. <i>Scientific Reports</i> , 2020 , 10, 8580	4.9	2
183	Heparanase in Kidney Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1221, 647-667	3.6	7

182	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
181	Kidney-targeted therapies: A quantitative perspective. <i>Journal of Controlled Release</i> , 2020 , 328, 762-775	11.7	6
180	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 575047	8.4	49
179	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020 , 1, 100146	18	13
178	Role of syndecan-1 in the interaction between dendritic cells and T cells. <i>PLoS ONE</i> , 2020 , 15, e0230835	3.7	3
177	Glomerular Endothelial Cells as Instigators of Glomerular Sclerotic Diseases. <i>Frontiers in Pharmacology</i> , 2020 , 11, 573557	5.6	23
176	Beneficial non-anticoagulant mechanisms underlying heparin treatment of COVID-19 patients. <i>EBioMedicine</i> , 2020 , 59, 102969	8.8	67
175	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
174	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
173	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
172	Role of syndecan-1 in the interaction between dendritic cells and T cells 2020 , 15, e0230835		
171	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
170	C3 glomerulopathy - understanding a rare complement-driven renal disease. <i>Nature Reviews Nephrology</i> , 2019 , 15, 129-143	14.9	109
169	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
168	The Glomerular Endothelium in Diabetic Nephropathy: Role of Heparanase 2019 , 153-170		2
167	Heparanase Accelerates Obesity-Associated Breast Cancer Progression. <i>Cancer Research</i> , 2019 , 79, 5342-5354	15.5	12
166	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
165	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

164	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
163	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
162	Sialic Acid Blockade Suppresses Tumor Growth by Enhancing T-cell-Mediated Tumor Immunity. <i>Cancer Research</i> , 2018 , 78, 3574-3588	10.1	103
161	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
160	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
159	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
158	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
157	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
156	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
155	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
154	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
153	Dynamic Expression of Genes Involved in Proteoglycan/Glycosaminoglycan Metabolism during Skin Development. <i>BioMed Research International</i> , 2018 , 2018, 9873471	3	0
152	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
151	Neutrophil Extracellular Traps Drive Endothelial-to-Mesenchymal Transition. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1371-1379	9.4	97
150	Sildenafil Prevents Podocyte Injury PPAR γ -Mediated TRPC6 Inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1491-1505	12.7	29
149	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
148	Lithium reduces blood glucose levels, but aggravates albuminuria in BTBR-ob/ob mice. <i>PLoS ONE</i> , 2017 , 12, e0189485	3.7	7
147	Cracking the pathogenesis of cocaine-induced vasculitis. <i>Rheumatology</i> , 2017 , 56, 503-505	3.9	3

146	Systemic Monocyte Chemotactic 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
145	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
144	Urinary MicroRNA as Biomarker in Renal Transplantation. <i>American Journal of Transplantation</i> , 2017 , 17, 1160-1166	8.7	16
143	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
142	Direct Observation of Enhanced Nitric Oxide in a Murine Model of Diabetic Nephropathy. <i>PLoS ONE</i> , 2017 , 12, e0170065	3.7	6
141	Cathepsin L is crucial for the development of early experimental diabetic nephropathy. <i>Kidney International</i> , 2016 , 90, 1012-1022	9.9	45
140	1,25-Vitamin D3 Deficiency Induces Albuminuria. <i>American Journal of Pathology</i> , 2016 , 186, 794-804	5.8	14
139	Heparanase Is Essential for the Development of Acute Experimental Glomerulonephritis. <i>American Journal of Pathology</i> , 2016 , 186, 805-15	5.8	35
138	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
137	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
136	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
135	RNA Contaminates Glycosaminoglycans Extracted from Cells and Tissues. <i>PLoS ONE</i> , 2016 , 11, e0167336	3.7	7
134	Allostimulatory Effects of Dendritic Cells with Characteristic Features of a Regulatory Phenotype. <i>PLoS ONE</i> , 2016 , 11, e0159986	3.7	3
133	Endothelial Nitric Oxide Synthase Prevents Heparanase Induction and the Development of Proteinuria. <i>PLoS ONE</i> , 2016 , 11, e0160894	3.7	15
132	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
131	Blood-borne phagocytes internalize urate microaggregates and prevent intravascular NETosis by urate crystals. <i>Scientific Reports</i> , 2016 , 6, 38229	4.9	19
130	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
129	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016 , 65, 2429-39	0.9	79

128	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
127	Vitamin D attenuates proteinuria by inhibition of heparanase expression in the podocyte. <i>Journal of Pathology</i> , 2015 , 237, 472-81	9.4	29
126	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
125	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
124	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
123	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
122	Differential Expression of Specific Dermatan Sulfate Domains in Renal Pathology. <i>PLoS ONE</i> , 2015 , 10, e0134946	3.7	8
121	Reactivity in ELISA with DNA-loaded nucleosomes in patients with proliferative lupus nephritis. <i>Molecular Immunology</i> , 2015 , 68, 20-4	4.3	3
120	A microscopic view on the renal endothelial glycocalyx. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F956-66	4.3	83
119	Review: antinucleosome antibodies: a critical reflection on their specificities and diagnostic impact. <i>Arthritis and Rheumatology</i> , 2014 , 66, 1061-9	9.5	30
118	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
117	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
116	The pathogenesis and diagnosis of systemic lupus erythematosus: still not resolved. <i>Seminars in Immunopathology</i> , 2014 , 36, 301-11	12	60
115	Role of heparanase-driven inflammatory cascade in pathogenesis of diabetic nephropathy. <i>Diabetes</i> , 2014 , 63, 4302-13	0.9	59
114	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
113	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
112	TRPC6 single nucleotide polymorphisms and progression of idiopathic membranous nephropathy. <i>PLoS ONE</i> , 2014 , 9, e102065	3.7	5
111	Chemokine cooperativity is caused by competitive glycosaminoglycan binding. <i>Journal of Immunology</i> , 2014 , 192, 3908-3914	5.3	26

110	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
109	Antinucleosome Autoantibodies 2014 , 169-177		
108	Deeper penetration of erythrocytes into the endothelial glycocalyx is associated with impaired microvascular perfusion. <i>PLoS ONE</i> , 2014 , 9, e96477	3.7	102
107	Breaking immunological tolerance in systemic lupus erythematosus. <i>Frontiers in Immunology</i> , 2014 , 5, 164	8.4	87
106	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
105	Chromatin remodelling initiation in spermatids: differences among human males. <i>Andrology</i> , 2013 , 1, 421-30	4.2	5
104	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
103	Glomerular endothelial surface layer acts as a barrier against albumin filtration. <i>American Journal of Pathology</i> , 2013 , 182, 1532-40	5.8	75
102	Early development of hyperparathyroidism due to loss of PTH transcriptional repression in patients with HNF1 β mutations?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4089-96	5.6	22
101	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
100	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
99	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
98	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
97	Lupus nephritis: enigmas, conflicting models and an emerging concept. <i>Molecular Medicine</i> , 2013 , 19, 161-9	6.2	42
96	Apoptosis and NET formation in the pathogenesis of SLE. <i>Autoimmunity</i> , 2012 , 45, 597-601	3	50
95	Effect of administration of apoptotic blebs on disease development in lupus mice. <i>Autoimmunity</i> , 2012 , 45, 290-7	3	8
94	Early apoptotic reorganization of spliceosomal proteins involves caspases, CAD and rearrangement of NuMA. <i>Traffic</i> , 2012 , 13, 257-72	5.7	3
93	Heparanase is essential for the development of diabetic nephropathy in mice. <i>Diabetes</i> , 2012 , 61, 208-16.	9.9	143

92	Urinary heparanase activity in patients with Type 1 and Type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 2853-61	4.3	34
91	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
90	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
89	Regulatory and pathogenetic mechanisms of autoantibodies in SLE. <i>Autoimmunity</i> , 2011 , 44, 349-56	3	29
88	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
87	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
86	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
85	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
84	Synchronized turbo apoptosis induced by cold-shock. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011 , 16, 86-93	5.4	10
83	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
82	Lupus nephritis: role of antinucleosome autoantibodies. <i>Seminars in Nephrology</i> , 2011 , 31, 376-89	4.8	61
81	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
80	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
79	Expression of sialidase and dystroglycan in human glomerular diseases. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 478-84	4.3	13
78	The role of dendritic cells in the pathogenesis of systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2010 , 12, 207	5.7	68
77	The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. <i>American Journal of Pathology</i> , 2010 , 176, 2188-97	5.8	17
76	Lupus-derived monoclonal autoantibodies against apoptotic chromatin recognize acetylated conformational epitopes. <i>Molecular Immunology</i> , 2010 , 48, 248-56	4.3	27
75	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

74	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
73	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
72	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
71	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
70	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
69	Apoptosis-associated acetylation on histone H2B is an epitope for lupus autoantibodies. <i>Molecular Immunology</i> , 2009 , 47, 511-6	4.3	89
68	Vascular endothelial growth factor in systemic capillary leak syndrome. <i>American Journal of Medicine</i> , 2009 , 122, e5-7	2.4	44
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	Heparan sulfate domains on cultured activated glomerular endothelial cells mediate leukocyte trafficking. <i>Kidney International</i> , 2008 , 73, 52-62	9.9	51
59	Proteasome inhibition: a new therapeutic option in lupus nephritis?. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 3771-2	4.3	14
58	Characterization of anticoagulant heparinoids by immunoprofiling. <i>Glycoconjugate Journal</i> , 2008 , 25, 177-85	3	24
57	Heparanase induces a differential loss of heparan sulphate domains in overt diabetic nephropathy. <i>Diabetologia</i> , 2008 , 51, 372-82	10.3	52

56	Sperm-derived histones contribute to zygotic chromatin in humans. <i>BMC Developmental Biology</i> , 2008 , 8, 34	3.1	137
55	Glomerular targets of nephritogenic autoantibodies in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1892-9		67
54	Apoptosis in the pathogenesis of systemic lupus erythematosus. <i>Lupus</i> , 2008 , 17, 371-5	2.6	160
53	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
52	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
51	Apoptosis-induced acetylation of histones is pathogenic in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1921-33		112
50	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
49	Expression of glomerular heparan sulphate domains in murine and human lupus nephritis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1891-902	4.3	28
48	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
47	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
46	Syndecan-1 deficiency aggravates anti-glomerular basement membrane nephritis. <i>Kidney International</i> , 2007 , 72, 1204-15	9.9	52
45	Heparanase in glomerular diseases. <i>Kidney International</i> , 2007 , 72, 543-8	9.9	87
44	Glomerular binding of anti-dsDNA autoantibodies: the dispute resolved?. <i>Kidney International</i> , 2007 , 71, 600-1	9.9	34
43	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
42	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
41	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
40	ANTI-NUCLEOSOME AUTOANTIBODIES 2007 , 197-203		
39	Expression of glomerular heparan sulphate domains in murine and human lupus nephritis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2416-2416	4.3	2

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2 Nucleosomes and Anti-Nucleosome Autoantibodies as Mediators of Glomerular Pathology in Systemic Lupus Erythematosus 317-342

1 Increased plasma heparanase activity in COVID-19 patients

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