

David J Nikolic-Paterson

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.

99
papers

5,627
citations

36
h-index

74
g-index

106
ext. papers

6,862
ext. citations

6.1
avg, IF

6.2
L-index

#	Paper	IF	Citations
99	The ability of remaining glomerular podocytes to adapt to the loss of their neighbours decreases with age.. <i>Cell and Tissue Research</i> , 2022 , 1	4.2	1
98	ASK1 is a novel molecular target for preventing aminoglycoside-induced hair cell death.. <i>Journal of Molecular Medicine</i> , 2022 , 100, 797	5.5	1
97	Cyclophilin D Promotes Acute, but Not Chronic, Kidney Injury in a Mouse Model of Aristolochic Acid Toxicity. <i>Toxins</i> , 2021 , 13,	4.9	1
96	PAR2 Activation on Human Kidney Tubular Epithelial Cells Induces Tissue Factor Synthesis, That Enhances Blood Clotting. <i>Frontiers in Physiology</i> , 2021 , 12, 615428	4.6	2
95	JUN Amino-Terminal Kinase 1 Signaling in the Proximal Tubule Causes Cell Death and Acute Renal Failure in Rat and Mouse Models of Renal Ischemia/Reperfusion Injury. <i>American Journal of Pathology</i> , 2021 , 191, 817-828	5.8	2
94	Steroid treatment promotes an M2 anti-inflammatory macrophage phenotype in childhood lupus nephritis. <i>Pediatric Nephrology</i> , 2021 , 36, 349-359	3.2	5
93	c-Jun Amino Terminal Kinase Signaling Promotes Aristolochic Acid-Induced Acute Kidney Injury. <i>Frontiers in Physiology</i> , 2021 , 12, 599114	4.6	3
92	PAR2-Induced Tissue Factor Synthesis by Primary Cultures of Human Kidney Tubular Epithelial Cells Is Modified by Glucose Availability. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
91	IgA Nephropathy Benefits from Compound K Treatment by Inhibiting NF- κ B/NLRP3 Inflammasome and Enhancing Autophagy and SIRT1. <i>Journal of Immunology</i> , 2020 , 205, 202-212	5.3	9
90	Cyclophilin A Promotes Inflammation in Acute Kidney Injury but Not in Renal Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
89	Omics technologies for kidney disease research. <i>Anatomical Record</i> , 2020 , 303, 2729-2742	2.1	3
88	Targeting apoptosis signal-regulating kinase 1 in acute and chronic kidney disease. <i>Anatomical Record</i> , 2020 , 303, 2553-2560	2.1	3
87	Smad4 promotes diabetic nephropathy by modulating glycolysis and OXPHOS. <i>EMBO Reports</i> , 2020 , 21, e48781	6.5	13
86	Cyclophilin Inhibition Protects Against Experimental Acute Kidney Injury and Renal Interstitial Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	9
85	Neural transcription factor Pou4f1 promotes renal fibrosis via macrophage-myofibroblast transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20741-20752	11.5	32
84	Macrophages: versatile players in renal inflammation and fibrosis. <i>Nature Reviews Nephrology</i> , 2019 , 15, 144-158	14.9	251
83	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , 2019 , 96, 505-516	9.9	24

82	Pharmacological inhibition of protease-activated receptor-2 reduces crescent formation in rat nephrotoxic serum nephritis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019 , 46, 456-464	3	5
81	Protease-activated receptor 2 does not contribute to renal inflammation or fibrosis in the obstructed kidney. <i>Nephrology</i> , 2019 , 24, 983-991	2.2	3
80	Combined inhibition of CCR2 and ACE provides added protection against progression of diabetic nephropathy in -deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F1439-F1449	4.3	3
79	Establishing equivalent diabetes in male and female Nos3-deficient mice results in a comparable onset of diabetic kidney injury. <i>Physiological Reports</i> , 2019 , 7, e14197	2.6	1
78	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019 , 4,	9.9	29
77	Proximal tubular epithelial cells preferentially endocytose covalently-modified albumin compared to native albumin. <i>Nephrology</i> , 2019 , 24, 121-126	2.2	
76	Matrix metalloproteinase-12 deficiency attenuates experimental crescentic anti-glomerular basement membrane glomerulonephritis. <i>Nephrology</i> , 2018 , 23, 183-189	2.2	9
75	ASK1 inhibitor treatment suppresses p38/JNK signalling with reduced kidney inflammation and fibrosis in rat crescentic glomerulonephritis. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 4522-4533	5.6	33
74	An inhibitor of spleen tyrosine kinase suppresses experimental crescentic glomerulonephritis. <i>International Journal of Immunopathology and Pharmacology</i> , 2018 , 32, 2058738418783404	3	3
73	Cyclophilin D promotes tubular cell damage and the development of interstitial fibrosis in the obstructed kidney. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 250-260	3	15
72	Reduced tubular degradation of glomerular filtered plasma albumin is a common feature in acute and chronic kidney disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 241-249	3	1
71	ASK1 contributes to fibrosis and dysfunction in models of kidney disease. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4485-4500	15.9	63
70	Representing the Process of Inflammation as Key Events in Adverse Outcome Pathways. <i>Toxicological Sciences</i> , 2018 , 163, 346-352	4.4	32
69	Macrophage-to-Myofibroblast Transition Contributes to Interstitial Fibrosis in Chronic Renal Allograft Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2053-2067	12.7	143
68	Inhibition of Spleen Tyrosine Kinase Reduces Renal Allograft Injury in a Rat Model of Acute Antibody-Mediated Rejection in Sensitized Recipients. <i>Transplantation</i> , 2017 , 101, e240-e248	1.8	7
67	Long-term graft survival in patients with chronic antibody-mediated rejection with persistent peritubular capillaritis treated with intravenous immunoglobulin and rituximab. <i>Clinical Transplantation</i> , 2017 , 31, e13037	3.8	9
66	The JNK Signaling Pathway in Renal Fibrosis. <i>Frontiers in Physiology</i> , 2017 , 8, 829	4.6	102
65	Spleen Tyrosine Kinase Signaling Promotes Myeloid Cell Recruitment and Kidney Damage after Renal Ischemia/Reperfusion Injury. <i>American Journal of Pathology</i> , 2016 , 186, 2032-2042	5.8	15

64	A role for spleen tyrosine kinase in renal fibrosis in the mouse obstructed kidney. <i>Life Sciences</i> , 2016 , 146, 192-200	6.8	12
63	TGF- β /Smad3 signalling regulates the transition of bone marrow-derived macrophages into myofibroblasts during tissue fibrosis. <i>Oncotarget</i> , 2016 , 7, 8809-22	3.3	122
62	Inflammatory macrophages can transdifferentiate into myofibroblasts during renal fibrosis. <i>Cell Death and Disease</i> , 2016 , 7, e2495	9.8	131
61	TGF- β the master regulator of fibrosis. <i>Nature Reviews Nephrology</i> , 2016 , 12, 325-38	14.9	1405
60	ASK1: a new therapeutic target for kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F373-81	4.3	36
59	Methods in renal research: kidney transplantation in the rat. <i>Nephrology</i> , 2016 , 21, 451-6	2.2	6
58	Myeloid cell-mediated renal injury in rapidly progressive glomerulonephritis depends upon spleen tyrosine kinase. <i>Journal of Pathology</i> , 2016 , 238, 10-20	9.4	14
57	Renal physiology: The proximal tubule and albuminuria at last a starring role. <i>Nature Reviews Nephrology</i> , 2015 , 11, 573-5	14.9	4
56	The Smad3/Smad4/CDK9 complex promotes renal fibrosis in mice with unilateral ureteral obstruction. <i>Kidney International</i> , 2015 , 88, 1323-1335	9.9	9
55	ASK1 Inhibitor Halts Progression of Diabetic Nephropathy in Nos3-Deficient Mice. <i>Diabetes</i> , 2015 , 64, 3903-13	0.9	61
54	Spleen tyrosine kinase contributes to acute renal allograft rejection in the rat. <i>International Journal of Experimental Pathology</i> , 2015 , 96, 54-62	2.8	7
53	Chloride channel CLC-5 binds to aspartyl aminopeptidase to regulate renal albumin endocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F784-92	4.3	6
52	Suppression of Rapidly Progressive Mouse Glomerulonephritis with the Non-Steroidal Mineralocorticoid Receptor Antagonist BR-4628. <i>PLoS ONE</i> , 2015 , 10, e0145666	3.7	8
51	Regulation of renal fibrosis by Smad3 Thr388 phosphorylation. <i>American Journal of Pathology</i> , 2014 , 184, 944-952	5.8	21
50	Inflammatory processes in renal fibrosis. <i>Nature Reviews Nephrology</i> , 2014 , 10, 493-503	14.9	375
49	Macrophages promote renal fibrosis through direct and indirect mechanisms. <i>Kidney International Supplements</i> , 2014 , 4, 34-38	6.3	122
48	Myeloid mineralocorticoid receptor activation contributes to progressive kidney disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2231-40	12.7	40
47	ASK1/p38 signaling in renal tubular epithelial cells promotes renal fibrosis in the mouse obstructed kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, F1263-73	4.3	71

46	Role of macrophages in the fibrotic phase of rat crescentic glomerulonephritis. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F1043-53	4.3	50
45	Endothelial dysfunction exacerbates renal interstitial fibrosis through enhancing fibroblast Smad3 linker phosphorylation in the mouse obstructed kidney. <i>PLoS ONE</i> , 2013 , 8, e84063	3.7	26
44	Resolvins E1 and D1 inhibit interstitial fibrosis in the obstructed kidney via inhibition of local fibroblast proliferation. <i>Journal of Pathology</i> , 2012 , 228, 506-19	9.4	77
43	c-fms blockade reverses glomerular macrophage infiltration and halts development of crescentic anti-GBM glomerulonephritis in the rat. <i>Laboratory Investigation</i> , 2011 , 91, 978-91	5.9	47
42	TGF- β -activated kinase-1 regulates inflammation and fibrosis in the obstructed kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, F1410-21	4.3	83
41	Spleen tyrosine kinase promotes acute neutrophil-mediated glomerular injury via activation of JNK and p38 MAPK in rat nephrotoxic serum nephritis. <i>Laboratory Investigation</i> , 2011 , 91, 1727-38	5.9	23
40	Evaluation of JNK blockade as an early intervention treatment for type 1 diabetic nephropathy in hypertensive rats. <i>American Journal of Nephrology</i> , 2011 , 34, 337-46	4.6	30
39	CD4+ T cells: a potential player in renal fibrosis. <i>Kidney International</i> , 2010 , 78, 333-5	9.9	25
38	Blockade of the c-Jun amino terminal kinase prevents crescent formation and halts established anti-GBM glomerulonephritis in the rat. <i>Laboratory Investigation</i> , 2009 , 89, 470-84	5.9	51
37	Monocytes and Macrophages 2009 , 267-287		1
36	Disease-dependent mechanisms of albuminuria. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, F1589-600	4.3	108
35	In vivo visualization of albumin degradation in the proximal tubule. <i>Kidney International</i> , 2008 , 74, 1480-6	6.9	31
34	A pathogenic role for c-Jun amino-terminal kinase signaling in renal fibrosis and tubular cell apoptosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 472-84	12.7	134
33	MIF in the Pathogenesis of Kidney Disease 2007 , 153-168		
32	MKK3-p38 signaling promotes apoptosis and the early inflammatory response in the obstructed mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, F1556-63	4.3	45
31	The role of p38 α mitogen-activated protein kinase activation in renal fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 370-9	12.7	160
30	p38 Mitogen-activated protein kinase activation and cell localization in human glomerulonephritis: correlation with renal injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 326-36	12.7	73
29	Macrophage-mediated renal injury is dependent on signaling via the JNK pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 1775-84	12.7	48

28	Activation of the extracellular-signal regulated protein kinase pathway in human glomerulopathies. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 1835-43	12.7	58
27	Activation and cellular localization of the p38 and JNK MAPK pathways in rat crescentic glomerulonephritis. <i>Kidney International</i> , 2003 , 64, 2121-32	9.9	52
26	Adoptive transfer studies demonstrate that macrophages can induce proteinuria and mesangial cell proliferation. <i>Kidney International</i> , 2003 , 63, 83-95	9.9	119
25	Activation of the ERK pathway precedes tubular proliferation in the obstructed rat kidney. <i>Kidney International</i> , 2003 , 63, 1256-64	9.9	82
24	Blockade of p38alpha MAPK ameliorates acute inflammatory renal injury in rat anti-GBM glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 338-51	12.7	93
23	Interleukin 1 induces renal CD44 expression in vivo and in vitro: role of the transcription factor Egr-1. <i>Nephrology</i> , 2002 , 7, 136-144	2.2	
22	Long-term anti-glomerular basement membrane disease in the rat: a model of chronic glomerulonephritis with nephrosis, hypertension and progressive renal failure. <i>Nephrology</i> , 2002 , 7, 145-154	2.2	0
21	Macrophage accumulation at a site of renal inflammation is dependent on the M-CSF/c-fms pathway. <i>Journal of Leukocyte Biology</i> , 2002 , 72, 530-7	6.5	50
20	Tubules are the major site of M-CSF production in experimental kidney disease: correlation with local macrophage proliferation. <i>Kidney International</i> , 2001 , 60, 614-25	9.9	60
19	Tubular phenotypic change in progressive tubulointerstitial fibrosis in human glomerulonephritis. <i>American Journal of Kidney Diseases</i> , 2001 , 38, 761-9	7.4	120
18	CD44-mediated neutrophil apoptosis in the rat. <i>Kidney International</i> , 2000 , 58, 1920-30	9.9	37
17	In vivo administration of a nuclear transcription factor-kappaB decoy suppresses experimental crescentic glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 1244-1252	12.7	88
16	Interleukin-10: Is it good or bad for the kidney?. <i>Nephrology</i> , 1998 , 4, 331-338	2.2	4
15	Cell-mediated tubulointerstitial nephritis. <i>Clinical and Experimental Nephrology</i> , 1998 , 2, 289-294	2.5	1
14	Tubular epithelial-myofibroblast transdifferentiation in progressive tubulointerstitial fibrosis in 5/6 nephrectomized rats. <i>Kidney International</i> , 1998 , 54, 864-76	9.9	290
13	De novo glomerular osteopontin expression in rat crescentic glomerulonephritis. <i>Kidney International</i> , 1998 , 53, 136-45	9.9	67
12	Do macrophages participate in mesangial cell proliferation?. <i>Nephrology</i> , 1997 , 3, 501-507	2.2	2
11	Intercellular adhesion molecule-1 and tumour necrosis factor- α expression in human glomerulonephritis. <i>Nephrology</i> , 1997 , 3, 329-337	2.2	6

10	Intrarenal synthesis of IL-6 in IgA nephropathy. <i>Nephrology</i> , 1997 , 3, 421-430	2.2	4
9	Molecular analysis of human glomerulonephritis. <i>Nephrology</i> , 1997 , 3, s647-s651	2.2	
8	Delayed-type hypersensitivity mediates Bowman's capsule rupture in Tamm-Horsfall protein-induced tubulointerstitial nephritis in the rat. <i>Nephrology</i> , 1996 , 2, 417-427	2.2	8
7	Tubulointerstitial injury in glomerulonephritis. <i>Nephrology</i> , 1996 , 2, s2-s6	2.2	6
6	The application of microwave techniques in multiple immunostaining and in situ hybridization. <i>Nephrology</i> , 1996 , 2, s116-s121	2.2	1
5	EGF and EGF-receptor expression in rat anti-Thy-1 mesangial proliferative nephritis. <i>Nephrology</i> , 1995 , 1, 83-93	2.2	4
4	Local macrophage proliferation in experimental Goodpasture's syndrome. <i>Nephrology</i> , 1995 , 1, 151-156	2.2	13
3	Up-regulation of ICAM-1 and VCAM-1 expression during macrophage recruitment in lipid induced glomerular injury in ExHC rats. <i>Nephrology</i> , 1995 , 1, 221-232	2.2	14
2	Expression of basic fibroblast growth factor and its receptor in the progression of rat crescentic glomerulonephritis. <i>Nephrology</i> , 1995 , 1, 569-575	2.2	5
1	Suppression of experimental crescentic glomerulonephritis by the interleukin-1 receptor antagonist. <i>Kidney International</i> , 1993 , 43, 479-85	9.9	123