Alexander R Rosenkranz

List of Publications by Year
in descending order

121 papers	3,488 citations	172457 29 h-index	155660 55 g-index
124 all docs	124 docs citations	124 times ranked	5022 citing authors

#	Article	IF	Citations
1	A microplate assay for the detection of oxidative products using 2â€²,7â€²-dichlorofluorescin-diacetate. Journal of Immunological Methods, 1992, 156, 39-45.	1.4	495
2	Potential Role of Regulatory T Cells in Reversing Obesity-Linked Insulin Resistance and Diabetic Nephropathy. Diabetes, 2011, 60, 2954-2962.	0.6	262
3	CD4+CD25+ Regulatory T Cells Inhibit Experimental Anti-Glomerular Basement Membrane Glomerulonephritis in Mice. Journal of the American Society of Nephrology: JASN, 2005, 16, 1360-1370.	6.1	168
4	IL-9 Production by Regulatory T Cells Recruits Mast Cells That Are Essential for Regulatory T Cell-Induced Immune Suppression. Journal of Immunology, 2011, 186, 83-91.	0.8	160
5	Performance of hemodialysis with novel medium cut-off dialyzers. Nephrology Dialysis Transplantation, 2017, 32, gfw310.	0.7	140
6	Bile acids trigger cholemic nephropathy in common bile-duct-ligated mice. Hepatology, 2013, 58, 2056-2069.	7.3	130
7	Novel genetically encoded fluorescent probes enable real-time detection of potassium in vitro and in vivo. Nature Communications, 2017, 8, 1422.	12.8	130
8	P-selectin deficiency exacerbates experimental glomerulonephritis: a protective role for endothelial P-selectin in inflammation. Journal of Clinical Investigation, 1999, 103, 649-659.	8.2	113
9	Single-Dose Pharmacokinetics of Meropenem during Continuous Venovenous Hemofiltration. Antimicrobial Agents and Chemotherapy, 1998, 42, 2417-2420.	3.2	96
10	Role of mast cells in experimental anti-glomerular basement membrane glomerulonephritis. European Journal of Immunology, 2005, 35, 3074-3082.	2.9	64
11	Antifungal prophylaxis for prevention of COVID-19-associated pulmonary aspergillosis in critically ill patients: an observational study. Critical Care, 2021, 25, 335.	5.8	61
12	Structural and functional differences in gut microbiome composition in patients undergoing haemodialysis or peritoneal dialysis. Scientific Reports, 2017, 7, 15601.	3.3	59
13	Pathogenic Role of P-Selectin in Experimental Cerebral Malaria. American Journal of Pathology, 2004, 164, 781-786.	3.8	58
14	The Sphingosine 1-Phosphate Receptor Agonist FTY720 Potently Inhibits Regulatory T Cell Proliferation In Vitro and In Vivo. Journal of Immunology, 2009, 183, 3751-3760.	0.8	56
15	Role of Î±/Î² and Î³/Î´ T cells in renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2007, 293, F741-F747.	2.7	54
16	Bile Acid-Induced Cholemic Nephropathy. Digestive Diseases, 2015, 33, 367-375.	1.9	48
17	A randomized controlled trial of alanyl-glutamine supplementation in peritoneal dialysis fluid toÂassess impact on biomarkers of peritonealÂhealth. Kidney International, 2018, 94, 1227-1237.	5.2	45
18	CCR7 Deficiency Exacerbates Injury in Acute Nephritis Due to Aberrant Localization of Regulatory T Cells. Journal of the American Society of Nephrology: JASN, 2010, 21, 42-52.	6.1	44

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19	NorUrsodeoxycholic acid ameliorates cholemic nephropathy in bile duct ligated mice. Journal of Hepatology, 2017, 67, 110-119.	3.7	44
20	Standardized Glycemic Management with a Computerized Workflow and Decision Support System for Hospitalized Patients with Type 2 Diabetes on Different Wards. Diabetes Technology and Therapeutics, 2015, 17, 685-692.	4.4	42
21	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939.	5.2	42
22	Regulatory interactions of Î±Î² and Î³Î» T cells in glomerulonephritis. Kidney International, 2000, 58, 1055-1066.	5.2	41
23	Ethanol Causes Protein Precipitationâ€"New Safety Issues for Catheter Locking Techniques. PLoS ONE, 2013, 8, e84869.	2.5	40
24	Autophagy Protects From Uremic Vascular Media Calcification. Frontiers in Immunology, 2018, 9, 1866.	4.8	40
25	Cholemic nephropathy â€“ Historical notes and novel perspectives. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1356-1366.	3.8	39
26	Lipocalin-2 Expressed in Innate Immune Cells Is an Endogenous Inhibitor of Inflammation in Murine Nephrotoxic Serum Nephritis. PLoS ONE, 2013, 8, e67693.	2.5	38
27	Glucagon-Like Peptide-1 Receptor Agonism Improves Nephrotoxic Serum Nephritis by Inhibiting T-Cell Proliferation. American Journal of Pathology, 2020, 190, 400-411.	3.8	35
28	The assessment of GFR after orthotopic liver transplantation using cystatin C and creatinine-based equations. Transplant International, 2012, 25, 527-536.	1.6	32
29	Impact of ENPP1 genotype on arterial calcification in patients with end-stage renal failure. Nephrology Dialysis Transplantation, 2007, 23, 321-327.	0.7	31
30	Differential Effects of Rapamycin in Anti-GBM Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2008, 19, 1520-1529.	6.1	30
31	Basophils and mast cells in renal injury. Kidney International, 2009, 76, 1142-1147.	5.2	30
32	The chronic kidney disease epidemiology collaboration equation combining creatinine and cystatin C accurately assesses renal function in patients with cirrhosis. BMC Nephrology, 2015, 16, 196.	1.8	30
33	Atorvastatin attenuates murine anti-glomerular basement membrane glomerulonephritis. Kidney International, 2010, 77, 428-435.	5.2	29
34	A Murine Model of Phosphate Nephropathy. American Journal of Pathology, 2011, 178, 1999-2006.	3.8	28
35	Diabetes-related end-stage renal disease in Austria 1965â€"2013. Nephrology Dialysis Transplantation, 2015, 30, 1920-1927.	0.7	25
36	Trisodium citrate induced protein precipitation in haemodialysis catheters might cause pulmonary embolism. Nephrology Dialysis Transplantation, 2012, 27, 2953-2957.	0.7	24

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37	Glomerular Filtration Rate (GFR) determination via individual kinetics of the inulin-like polyfructosan sinistrin versus creatinine-based population-derived regression formulae. BMC Nephrology, 2013, 14, 159.	1.8	24
38	Increased Renal Versican Expression Is Associated with Progression of Chronic Kidney Disease. PLoS ONE, 2012, 7, e44891.	2.5	23
39	Response to active hepatitis B vaccination and mortality in incident dialysis patients. Vaccine, 2017, 35, 814-820.	3.8	23
40	Serum Proteins Modified by Neutrophil-Derived Oxidants as Mediators of Neutrophil Stimulation. Journal of Immunology, 2001, 167, 451-460.	0.8	22
41	Increased Hepato-Splanchnic Vasoconstriction in Diabetics during Regular Hemodialysis. PLoS ONE, 2015, 10, e0145411.	2.5	22
42	Heterogeneous susceptibility for uraemic media calcification and concomitant inflammation within the arterial tree. Nephrology Dialysis Transplantation, 2015, 30, 1995-2005.	0.7	21
43	Early Postoperative Basal Insulin Therapy versus Standard of Care for the Prevention of Diabetes Mellitus after Kidney Transplantation: A Multicenter Randomized Trial. Journal of the American Society of Nephrology: JASN, 2021, 32, 2083-2098.	6.1	21
44	Employment Status and Associations with Workability, Quality of Life and Mental Health after Kidney Transplantation in Austria. International Journal of Environmental Research and Public Health, 2020, 17, 1254.	2.6	21
45	Innate and adaptive immunity in experimental glomerulonephritis: a pathfinder tale. Pediatric Nephrology, 2017, 32, 943-947.	1.7	20
46	MicroRNA-142-3p improves vascular relaxation in uremia. Atherosclerosis, 2019, 280, 28-36.	0.8	19
47	Cholemic Nephropathy Reloaded. Seminars in Liver Disease, 2020, 40, 091-100.	3.6	19
48	Granzyme A: an additional weapon of human polymorphonuclear neutrophils (PMNs) in innate immunity?. Blood, 2004, 103, 1176-1176.	1.4	18
49	Apoptosis of human polymorphonuclear neutrophils accelerated by dialysis membranes via the activation of the complement system. Nephrology Dialysis Transplantation, 2004, 19, 3104-3111.	0.7	17
50	Tim3 Is Upregulated and Protective in Nephrotoxic Serum Nephritis. American Journal of Pathology, 2010, 176, 1716-1724.	3.8	17
51	Multiple-dose pharmacokinetics of cefpirome in long-term hemodialysis with high-flux membranes. Clinical Pharmacology and Therapeutics, 1996, 60, 645-650.	4.7	16
52	Acute and Chronic Kidney Dysfunction and Outcome After Stroke Thrombectomy. Translational Stroke Research, 2021, 12, 791-798.	4.2	16
53	Novel C5-Dependent Mechanism of Neutrophil Stimulation by Bioincompatible Dialyzer Membranes. Journal of the American Society of Nephrology: JASN, 1999, 10, 128-135.	6.1	16
54	Specialized Regulatory T Cells for Optimal Suppression of T Cell Responses in GN. Journal of the American Society of Nephrology: JASN, 2017, 28, 1-2.	6.1	15

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55	The selective mineralocorticoid receptor antagonist eplerenone is protective in mild anti-GBM glomeru-lonephritis. International Journal of Clinical and Experimental Pathology, 2011, 4, 606-15.	0.5	15
56	Expression of granzyme A in human polymorphonuclear neutrophils. Immunology, 2007, 121, 166-173.	4.4	14
57	Mode of renal replacement therapy determines endotoxemia and neutrophil dysfunction in chronic kidney disease. Scientific Reports, 2016, 6, 34534.	3.3	14
58	Intradialytic kinetics of middle molecules during hemodialysis and hemodiafiltration. Nephrology Dialysis Transplantation, 2019, 34, 870-877.	0.7	14
59	Repeated kidney reâ€transplantationâ€"the Eurotransplant experience: a retrospective multicenter outcome analysis. Transplant International, 2020, 33, 617-631.	1.6	14
60	Polymorphonuclear Granulocyte Stimulation by Cellulose-Based Hemodialysis Membranes. Clinical Chemistry and Laboratory Medicine, 1999, 37, 351-5.	2.3	12
61	The Effect of Mammalian Target of Rapamycin Versus Calcineurin Inhibitorâ€"based Immunosuppression on Measured Versus Estimated Glomerular Filtration Rate After Orthotopic Liver Transplantation. Transplantation, 2015, 99, 1250-1256.	1.0	11
62	Mortality in dialysis patients with cinacalcet use: A large observational registry study. European Journal of Internal Medicine, 2017, 42, 89-95.	2.2	11
63	Efficacy and Safety of a Novel Nicotinamide Modified-Release Formulation in the Treatment of Refractory Hyperphosphatemia in Patients Receiving Hemodialysisâ€"A Randomized Clinical Trial. Kidney International Reports, 2021, 6, 594-604.	0.8	11
64	Hypomagnesemia Is a Risk Factor for Infections after Kidney Transplantation: A Retrospective Cohort Analysis. Nutrients, 2021, 13, 1296.	4.1	11
65	Reactive oxygen product formation after FcÎ³ receptor-mediated neutrophil activation by monomeric mouse IgG2a: implications for the generation of first dose effects after OKT3 treatment. European Journal of Immunology, 1993, 23, 977-980.	2.9	10
66	Regulatory T Cells Improve Nephrocalcinosis but Not Dystrophic Cardiac Calcinosis in DBA/2 Mice. American Journal of Pathology, 2013, 183, 382-390.	3.8	10
67	Pure red cell aplasia after treatment of renal anaemia with epoetin theta. CKJ: Clinical Kidney Journal, 2013, 6, 539-542.	2.9	10
68	Loss of antimicrobial effect of trisodium citrate due to 'lock' spillage from haemodialysis catheters. Nephrology Dialysis Transplantation, 2014, 29, 914-919.	0.7	10
69	Waterhouse-Friderichsen syndrome due to Neisseria meningitidis infection in a young adult with thrombotic microangiopathy and eculizumab treatment: case report and review of management. Annals of Hematology, 2017, 96, 879-880.	1.8	10
70	Blockade of prostaglandin E₂ receptor 4 ameliorates nephrotoxic serum nephritis. American Journal of Physiology - Renal Physiology, 2018, 315, F1869-F1880.	2.7	9
71	Convalescent plasma therapy and mortality in COVID-19 patients admitted to the ICU: a prospective observational study. Annals of Intensive Care, 2021, 11, 73.	4.6	9
72	Individual uromodulin serum concentration is independent of glomerular filtration rate in healthy kidney donors. Clinical Chemistry and Laboratory Medicine, 2021, 59, 563-570.	2.3	9

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73	Role of Thrombospondin-1 in the Autologous Phase of an Accelerated Model of Anti-Glomerular Basement Membrane Glomerulonephritis. Nephron Experimental Nephrology, 2004, 96, e31-e38.	2.2	7
74	Anemia management in cancer patients with chronic kidney disease. European Journal of Internal Medicine, 2016, 36, 13-19.	2.2	7
75	The Risk of Severe Infections Following Rituximab Administration in Patients With Autoimmune Kidney Diseases: Austrian ABCDE Registry Analysis. Frontiers in Immunology, 2021, 12, 760708.	4.8	7
76	Chronic Inflammation Might Protect Hemodialysis Patients From Severe COVID-19. Frontiers in Immunology, 2022, 13, 821818.	4.8	7
77	The Spleen Plays No Role in Nephrotoxic Serum Nephritis, but Constitutes a Place of Compensatory Haematopoiesis. PLoS ONE, 2015, 10, e0135087.	2.5	6
78	Management of secondary hyperparathyroidism: practice patterns and outcomes of cinacalcet treatment with or without active vitaminÂD in Austria and Switzerland â€“ the observational TRANSIT Study. Wiener Klinische Wochenschrift, 2017, 129, 317-328.	1.9	6
79	Early renal dysfunction and fibroblast growth factor-23 in patients with small vessel disease-related stroke. Scientific Reports, 2019, 9, 15410.	3.3	6
80	Complement-dependent acceleration of apoptosis in neutrophils by dialyzer membranes. Kidney International, 2001, 59, S216-S220.	5.2	5
81	CD4+CD25+ regulatory T cells: A new treatment option in glomerulonephritis. Kidney International, 2005, 68, 1898-1899.	5.2	5
82	Manufacturing of a Secretoneurin Drug Delivery System with Self-Assembled Protamine Nanoparticles by Titration. PLoS ONE, 2016, 11, e0164149.	2.5	5
83	Complement-dependent acceleration of apoptosis in neutrophils by dialyzer membranes. Kidney International, 2001, 59, 216-220.	5.2	5
84	DyeVert Contrast Reduction System Use in Patients Undergoing Coronary and/or Peripheral Angiography: A Systematic Literature Review and Meta-Analysis. Frontiers in Medicine, 2022, 9, 841876.	2.6	5
85	A New Murine Model of Chronic Kidney Disease-Mineral and Bone Disorder. International Journal of Endocrinology, 2017, 2017, 1-8.	1.5	4
86	Impact of cardiovascular risk stratification strategies in kidney transplantation over time. Nephrology Dialysis Transplantation, 2020, 35, 1810-1818.	0.7	4
87	Estimation versus measurement of the glomerular filtration rate for kidney function assessment in patients with cancer undergoing cisplatin-based chemotherapy. Scientific Reports, 2020, 10, 11219.	3.3	4
88	Agonism of Prostaglandin E2 Receptor 4 Ameliorates Tubulointerstitial Injury in Nephrotoxic Serum Nephritis in Mice. Journal of Clinical Medicine, 2021, 10, 832.	2.4	4
89	Usefulness of the trabecular bone score in maintenance dialysis patients. Wiener Klinische Wochenschrift, 2022, 134, 442-448.	1.9	4
90	Efficacy, safety, and tolerability of antihypertensive therapy with aliskiren/amlodipine in clinical practice in Austria. The RALLY (Rasilamlo long lasting efficacy) study. Wiener Klinische Wochenschrift, 2015, 127, 203-209.	1.9	3

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91	Impact of Timely Public Health Measures on Kidney Transplantation in Austria during the SARS-CoV-2 Outbreakâ€"A Nationwide Analysis. Journal of Clinical Medicine, 2020, 9, 3465.	2.4	3
92	Effect of shortâ€interval rituximab and highâ€dose corticosteroids on kidney function in systemic sclerosis: Longâ€term experience of a single centre. International Journal of Clinical Practice, 2021, 75, e14069.	1.7	3
93	Bile Acids Are Important Contributors to AKI Associated with Liver Disease: PRO. Kidney360, 2022, 3, 17-20.	2.1	3
94	Blockade of tumor necrosis factor superfamily members CD30 and OX40 abrogates disease activity in murine immune-mediated glomerulonephritis. Kidney International, 2021, 100, 336-348.	5.2	3
95	B Cell Composition Is Altered After Kidney Transplantation and Transitional B Cells Correlate With SARS-CoV-2 Vaccination Response. Frontiers in Medicine, 2022, 9, 818882.	2.6	3
96	Modified-release nicotinamide for the treatment of hyperphosphataemia in haemodialysis patients: 52-week efficacy and safety results of the phase 3 randomized controlled NOPHOS trial. Nephrology Dialysis Transplantation, 2023, 38, 982-991.	0.7	3
97	Mast Cells: Subordinates or Masterminds in Autoimmunity?. Journal of the American Society of Nephrology: JASN, 2012, 23, 1913-1914.	6.1	2
98	The Case | Acute kidney injury and hemolysis in a 58-year-old woman. Kidney International, 2017, 91, 993-994.	5.2	2
99	Decreased response to the mRNA anti-SARS-CoV-2 vaccine in hepatitis B vaccine non-responders and frail patients treated with peritoneal dialysis. Nephrology Dialysis Transplantation, 2022, 37, 1188-1190.	0.7	2
100	AA-amyloidosis in a kidney biopsy on top of pauci-immune crescentic glomerulonephritis. CKJ: Clinical Kidney Journal, 2012, 5, 73-74.	2.9	1
101	Long-Term Therapy Outcomes When Treating Chronic Kidney Disease Patients with Paricalcitol in German and Austrian Clinical Practice (TOP Study). International Journal of Molecular Sciences, 2017, 18, 2057.	4.1	1
102	Atypical chemokine receptorsâ€"â€œchemokine PACMANsâ€•as new therapeutic targets in glomerulonephritis. Kidney International, 2018, 93, 774-775.	5.2	1
103	SP492HEPATIC AND SYSTEMIC PERFUSION DURING PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	1
104	The Case | Glomerulonephritis in a patient with rheumatoid arthritis. Kidney International, 2020, 98, 1057-1058.	5.2	1
105	Efficient and safe glycaemic control with basalâ€bolus insulin therapy during fasting periods in hospitalized patients with type 2 diabetes using decision support technology: A post hoc analysis. Diabetes, Obesity and Metabolism, 2021, 23, 2161-2169.	4.4	1
106	Lupus nephritis and ANCA-associated vasculitis: towards precision medicine?. Nephrology Dialysis Transplantation, 2021, 36, 37-43.	0.7	1
107	Pre-chronic Kidney Disease (CKD)? Is It Time for aÂNew Staging?. Updates in Hypertension and Cardiovascular Protection, 2019, , 231-240.	0.1	1
108	Nodular subcutaneous infiltrates in a kidney transplant recipient: lessons fromÂa case. Journal of Nephrology, 0, , .	2.0	1

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109	Comment on â€œMast Cell-Mediated Remodeling and Fibrinolytic Activity Protect against Fatal Glomerulonephritisâ€• Journal of Immunology, 2006, 177, 1377.1-1377.	0.8	0
110	Prehypertension and prechronic kidney disease: fact or fiction?. Expert Review of Cardiovascular Therapy, 2011, 9, 651-653.	1.5	0
111	FP326SEASONAL VARIATION IN MORTALITY AMONG DIALYSIS PATIENTS: A COHORT STUDY. Nephrology Dialysis Transplantation, 2015, 30, iii177-iii177.	0.7	0
112	SP124CALCIPHYLAXIS â^' A MULTIâ^'INTERVENTIONAL TREATMENT REGIMEN INCLUDING VITAMIN K SUPPLEMENTATION MIGHT REDUCE MORTALITY IN CHRONIC KIDNEY DISEASE PATIENTS. Nephrology Dialysis Transplantation, 2015, 30, iii418-iii418.	0.7	0
113	SP044ROLE OF GLUCAGON LIKE PEPTIDE-1 IN EXPERIMENTAL GLOMERULONEPHRITIS. Nephrology Dialysis Transplantation, 2016, 31, i101-i101.	0.7	0
114	SP148COSTIMULATORY BLOCKADE AS AN OPTION IN THE TREATMENT OF GLOMERULONEPHRITIS. Nephrology Dialysis Transplantation, 2016, 31, i135-i135.	0.7	0
115	MP091THE ROLE OF IL33 AND THE IL-33 RECEPTOR ST2 IN NEPHROTOXIC SERUM NEPHRITIS. Nephrology Dialysis Transplantation, 2016, 31, i372-i372.	0.7	0
116	Rapid steroid withdrawal in kidney transplantation: living in HARMONY?. Lancet, The, 2016, 388, 2962-2963.	13.7	0
117	FP594DOES PERITONEAL DIALYSIS AFFECT BIOIMPEDANCE-BASED VOLUME ESTIMATION?. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
118	Cholecalciferol supplementation to improve the hepatitis B vaccination response in hemodialysis patients: A first randomized open label pilot study (DeVitaHep). Vaccine, 2021, , .	3.8	0
119	Kidney function, brain morphology and cognition in the elderly: sex differences in the Austrian Stroke Prevention Study. Aging, 2022, 14, 240-252.	3.1	0
120	Vitamin D metabolism in living kidney donors before and after organ donation. Clinical Chemistry and Laboratory Medicine, 2022, .	2.3	0
121	Salivary potassium measured by genetically encoded potassium ion indicators as a surrogate for plasma potassium levels in hemodialysis patients â€“ a proof-of-concept study. Nephrology Dialysis Transplantation, 0, , .	0.7	0