

List of Publications by Year in descending order

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88
papers

3,599
citations

361296

20
h-index

155592

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93
docs citations

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times ranked

6112
citing authors

#	ARTICLE	IF	CITATIONS
1	Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. <i>Nature Neuroscience</i> , 2021, 24, 168-175.	7.1	991
2	Epithelial-to-mesenchymal transition induces cell cycle arrest and parenchymal damage in renal fibrosis. <i>Nature Medicine</i> , 2015, 21, 998-1009.	15.2	736
3	Activin-like kinase 3 is important for kidney regeneration and reversal of fibrosis. <i>Nature Medicine</i> , 2012, 18, 396-404.	15.2	208
4	Snail Is a Direct Target of Hypoxia-inducible Factor 1 \pm (HIF1 \pm) in Hypoxia-induced Endothelial to Mesenchymal Transition of Human Coronary Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 16653-16664.	1.6	141
5	Tet3-Mediated Hydroxymethylation of Epigenetically Silenced Genes Contributes to Bone Morphogenic Protein 7-Induced Reversal of Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 905-912.	3.0	104
6	Epigenetic balance of aberrant Rasal1 promoter methylation and hydroxymethylation regulates cardiac fibrosis. <i>Cardiovascular Research</i> , 2015, 105, 279-291.	1.8	101
7	Endocardial Fibroelastosis Is Caused by Aberrant Endothelial to Mesenchymal Transition. <i>Circulation Research</i> , 2015, 116, 857-866.	2.0	98
8	High-fidelity CRISPR/Cas9- based gene-specific hydroxymethylation rescues gene expression and attenuates renal fibrosis. <i>Nature Communications</i> , 2018, 9, 3509.	5.8	88
9	Low-dose hydralazine prevents fibrosis in a murine model of acute kidney injuryâ€“toâ€“chronic kidney disease progression. <i>Kidney International</i> , 2017, 91, 157-176.	2.6	83
10	Contribution of genetics and epigenetics to progression of kidney fibrosis. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, iv72-iv79.	0.4	69
11	Case Report: ANCA-Associated Vasculitis Presenting With Rhabdomyolysis and Pauci-Immune Crescentic Glomerulonephritis After Pfizer-BioNTech COVID-19 mRNA Vaccination. <i>Frontiers in Immunology</i> , 2021, 12, 762006.	2.2	67
12	Induction of Tet3-dependent Epigenetic Remodeling by Low-dose Hydralazine Attenuates Progression of Chronic Kidney Disease. <i>EBioMedicine</i> , 2015, 2, 19-36.	2.7	56
13	Camostat Mesylate May Reduce Severity of Coronavirus Disease 2019 Sepsis: A First Observation. , 2020, 2, e0284.		39
14	3D virtual histology of murine kidneys â€“high resolution visualization of pathological alterations by micro computed tomography. <i>Scientific Reports</i> , 2018, 8, 1407.	1.6	35
15	Sarcoidosis and autoimmune diseases. <i>Current Opinion in Pulmonary Medicine</i> , 2018, 24, 504-512.	1.2	34
16	Evidence for the involvement of epigenetics in the progression of renal fibrogenesis. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, i1-i8.	0.4	32
17	Bone Morphogenetic Protein (BMP)-7 expression is decreased in human hypertensive nephrosclerosis. <i>BMC Nephrology</i> , 2010, 11, 31.	0.8	30
18	Cognitive, emotional and social phenotyping of mice in an observer-independent setting. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 136-150.	1.0	27

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19	Primary cilia modulate balance of canonical and non-canonical Wnt signaling responses in the injured kidney. <i>Fibrogenesis and Tissue Repair</i> , 2015, 8, 6.	3.4	26
20	Complement Components C3 and C4 Indicate Vasculitis Manifestations to Distinct Renal Compartments in ANCA-Associated Glomerulonephritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6588.	1.8	24
21	Thrombospondin-1 Deficiency Causes a Shift from Fibroproliferative to Inflammatory Kidney Disease and Delays Onset of Renal Failure. <i>American Journal of Pathology</i> , 2014, 184, 2687-2698.	1.9	21
22	Pharmacological induction of hypoxia-inducible transcription factor ARNT attenuates chronic kidney failure. <i>Journal of Clinical Investigation</i> , 2018, 128, 3053-3070.	3.9	21
23	Dual-Positive MPO- and PR3-ANCA-Associated Vasculitis Following SARS-CoV-2 mRNA Booster Vaccination: A Case Report and Systematic Review. <i>Vaccines</i> , 2022, 10, 653.	2.1	21
24	Proteomic analysis of embryonic kidney development: Heterochromatin proteins as epigenetic regulators of nephrogenesis. <i>Scientific Reports</i> , 2015, 5, 13951.	1.6	19
25	The "rapid atrial swirl sign" for assessing central venous catheters: Performance by medical residents after limited training. <i>PLoS ONE</i> , 2018, 13, e0199345.	1.1	19
26	Systematic Histological Scoring Reveals More Prominent Interstitial Inflammation in Myeloperoxidase-ANCA Compared to Proteinase 3-ANCA Glomerulonephritis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1231.	1.0	19
27	Case Report: Cytomegalovirus Reactivation and Pericarditis Following ChAdOx1 nCoV-19 Vaccination Against SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 784145.	2.2	19
28	Variable Expression of Programmed Cell Death Protein 1-Ligand 1 in Kidneys Independent of Immune Checkpoint Inhibition. <i>Frontiers in Immunology</i> , 2020, 11, 624547.	2.2	18
29	Comparative Histological Subtyping of Immune Cell Infiltrates in MPO-ANCA and PR3-ANCA Glomerulonephritis. <i>Frontiers in Immunology</i> , 2021, 12, 737708.	2.2	18
30	First Report of Two Cases of Löfgren's Syndrome after SARS-CoV-2 Vaccination-Coincidence or Causality?. <i>Vaccines</i> , 2021, 9, 1313.	2.1	18
31	Clinical Efficacy of Routinely Administered Belimumab on Proteinuria and Neuropsychiatric Lupus. <i>Frontiers in Medicine</i> , 2020, 7, 222.	1.2	17
32	The role of bone morphogenetic protein-5 (BMP-5) in human nephrosclerosis. <i>Journal of Nephrology</i> , 2011, 24, 647-655.	0.9	16
33	Activation of Sphingomyelinase-Ceramide-Pathway in COVID-19 Purposes Its Inhibition for Therapeutic Strategies. <i>Frontiers in Immunology</i> , 2021, 12, 784989.	2.2	15
34	Histopathological Findings Predict Renal Recovery in Severe ANCA-Associated Vasculitis Requiring Intensive Care Treatment. <i>Frontiers in Medicine</i> , 2020, 7, 622028.	1.2	14
35	Modulation of NCAM/FGFR1 signaling suppresses EMT program in human proximal tubular epithelial cells. <i>PLoS ONE</i> , 2018, 13, e0206786.	1.1	13
36	Endothelial Colony Forming Cells (ECFCs) in murine AKI – implications for future cell-based therapies. <i>BMC Nephrology</i> , 2017, 18, 53.	0.8	12

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37	Comprehensive Analysis of Sex Differences at Disease Manifestation in ANCA-Associated Glomerulonephritis. <i>Frontiers in Immunology</i> , 2021, 12, 736638.	2.2	12
38	Proteinuria Indicates Decreased Normal Glomeruli in ANCA-Associated Glomerulonephritis Independent of Systemic Disease Activity. <i>Journal of Clinical Medicine</i> , 2021, 10, 1538.	1.0	11
39	Urinary Levels of SARS-CoV-2 Nucleocapsid Protein Associate With Risk of AKI and COVID-19 Severity: A Single-Center Observational Study. <i>Frontiers in Medicine</i> , 2021, 8, 644715.	1.2	11
40	There is no intraocular affection on a SARS-CoV-2 - Infected ocular surface. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 100884.	0.4	9
41	Correspondence on Bowman's capsule rupture on renal biopsy improves the outcome prediction of ANCA-associated glomerulonephritis classifications. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, e125-e125.	0.5	9
42	Systematic Scoring of Tubular Injury Patterns Reveals Interplay between Distinct Tubular and Glomerular Lesions in ANCA-Associated Glomerulonephritis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2682.	1.0	9
43	Kinetics of Bilirubin and Ammonia Elimination during Hemadsorption Therapy in Secondary Sclerosing Cholangitis Following ECMO Therapy and Severe COVID-19. <i>Biomedicines</i> , 2021, 9, 1841.	1.4	9
44	Variable Expression of Neural Cell Adhesion Molecule Isoforms in Renal Tissue: Possible Role in Incipient Renal Fibrosis. <i>PLoS ONE</i> , 2015, 10, e0137028.	1.1	8
45	Different Patterns of Kidney Fibrosis Are Indicative of Injury to Distinct Renal Compartments. <i>Cells</i> , 2021, 10, 2014.	1.8	8
46	Comparative analysis of SGLT-2 expression in renal vasculitis and lupus nephritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1048-1050.	0.5	8
47	Rheopheresis for Digital Ulcers and Raynaud's Phenomenon in Systemic Sclerosis Refractory to Conventional Treatments. <i>Frontiers in Medicine</i> , 2019, 6, 208.	1.2	7
48	Correspondence on Interleukin-6 receptor blockade with subcutaneous tocilizumab in severe COVID-19 pneumonia and hyperinflammation: case-control study. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, e182-e182.	0.5	7
49	Consideration of Therapeutic Plasma Exchange in Association With Inflammatory Lesions in ANCA-Associated Glomerulonephritis: A Real-World Retrospective Study From a Single Center. <i>Frontiers in Immunology</i> , 2021, 12, 645483.	2.2	7
50	Chromatin dynamics at the core of kidney fibrosis. <i>Matrix Biology</i> , 2018, 68-69, 194-229.	1.5	6
51	The Secretome Analysis of Activated Human Renal Fibroblasts Revealed Beneficial Effect of the Modulation of the Secreted Peptidyl-Prolyl Cis-Trans Isomerase A in Kidney Fibrosis. <i>Cells</i> , 2020, 9, 1724.	1.8	6
52	Case Report: Interferon- β Restores Monocytic Human Leukocyte Antigen Receptor (mHLA-DR) in Severe COVID-19 With Acquired Immunosuppression Syndrome. <i>Frontiers in Immunology</i> , 2021, 12, 645124.	2.2	6
53	Impact of the COVID-19 Pandemic on Kidney Diseases Requiring Renal Biopsy: A Single Center Observational Study. <i>Frontiers in Physiology</i> , 2021, 12, 649336.	1.3	6
54	Case Report: Interferon- β Rescues Monocytic Human Leukocyte Antigen Receptor (mHLA-DR) Function in a COVID-19 Patient With ARDS and Superinfection With Multiple MDR 4MRGN Bacterial Strains. <i>Frontiers in Immunology</i> , 2021, 12, 753849.	2.2	6

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55	Low Serum Levels of Complement C3c at Diagnosis Indicate Poor Outcome in Antineutrophil Cytoplasmic Antibody-Associated Glomerulonephritis. <i>Kidney International Reports</i> , 2022, 7, 660-661.	0.4	6
56	Belimumab for systemic lupus erythematosus – Focus on lupus nephritis. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 2072143.	1.4	6
57	Repeated false-negative tests delayed diagnosis of COVID-19 in a case with granulomatosis with polyangiitis under maintenance therapy with rituximab and concomitant influenza pneumonia. <i>Annals of the Rheumatic Diseases</i> , 2020, , annrheumdis-2020-218491.	0.5	5
58	Correspondence on –Preliminary predictive criteria for COVID-19 cytokine storm–™. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, e71-e71.	0.5	5
59	Neutrophils associate with Bowman’s capsule rupture specifically in PR3-ANCA glomerulonephritis. <i>Journal of Nephrology</i> , 2022, 35, 1177-1183.	0.9	5
60	Correspondence on –Second COVID-19 infection in a patient with granulomatosis with polyangiitis on rituximab–™. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, e132-e132.	0.5	4
61	Correspondence on –What comes after the lockdown? Clustering of ANCA-associated vasculitis: single-centre observation of a spatiotemporal pattern–™. <i>Annals of the Rheumatic Diseases</i> , 2021, , annrheumdis-2020-219687.	0.5	4
62	Incidence of Arteritis and Peritubular Capillaritis in ANCA-associated Vasculitis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2974-2975.	3.0	4
63	Dynamics of Vascular Protective and Immune Supportive Sphingosine-1-Phosphate During Cardiac Surgery. <i>Frontiers in Immunology</i> , 2021, 12, 761475.	2.2	4
64	Microvascular Imaging as a Novel Tool for the Assessment of Blood Flow Velocity in Patients with Systemic Sclerosis: A Single-Center Feasibility Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2306.	1.3	4
65	Reply to Regarding the mechanism of action of a proposed peptide agonist of the bone morphogenetic protein receptor activin-like kinase 3. <i>Nature Medicine</i> , 2013, 19, 810-811.	15.2	3
66	The Rapid Atrial Swirl Sign for Ultrasound-Guided Tip Positioning of Retrograde-Tunneled Hemodialysis Catheters: A Cross-Sectional Study from a Single Center. <i>Journal of Clinical Medicine</i> , 2021, 10, 3999.	1.0	3
67	Case Report: Collapsing Focal Segmental Glomerulosclerosis After Initiation of Ado-Trastuzumab Emtansine Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 796223.	1.3	3
68	Combination therapy with bosentan and sildenafil for refractory digital ulcers and Raynaud’s phenomenon in a 30-year-old woman with systemic sclerosis: Case report and literature review. <i>Journal of Scleroderma and Related Disorders</i> , 2020, 5, 159-164.	1.0	2
69	Constitutive Atg5 overexpression in mouse bone marrow endothelial progenitor cells improves experimental acute kidney injury. <i>BMC Nephrology</i> , 2020, 21, 503.	0.8	2
70	Editorial: Interstitial Lung Disease in the Context of Systemic Disease: Pathophysiology, Treatment and Outcomes. <i>Frontiers in Medicine</i> , 2020, 7, 644075.	1.2	2
71	Low Efficacy of Chromogranin A Elimination by Therapeutic Plasma Exchange for Treatment of Chromogranin A Tubulopathy. <i>Kidney International Reports</i> , 2021, 6, 3093-3094.	0.4	2
72	Calreticulin Shortage Results in Disturbance of Calcium Storage, Mitochondrial Disease, and Kidney Injury. <i>Cells</i> , 2022, 11, 1329.	1.8	2

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73	Hemodiafiltration Treatment for Severe Valproic Acid Intoxication: Case Report and Updated Systematic Literature Review. <i>Frontiers in Medicine</i> , 2018, 5, 224.	1.2	1
74	Therapeutic Implications of Renal Biopsies to Detect Proliferative Lupus Nephritis in Patients With Low-Grade Proteinuria. <i>Kidney International Reports</i> , 2020, 5, 2120-2121.	0.4	1
75	Camostat Mesylate but Not Hydroxychloroquine May Reduce Severity of Organ Failure in COVID-19 Sepsis: A Case-Control Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
76	pANCA autoantibody testing by indirect immunofluorescence indicates interstitial arteritis independent of MPO-ANCA immunoassays in ANCA-associated glomerulonephritis. <i>Journal of Nephrology</i> , 2022, , .	0.9	1
77	PP2A phosphatase inhibition is anti-fibrotic through Ser77 phosphorylation-mediated ARNT/ARNT homodimer formation. <i>Scientific Reports</i> , 2021, 11, 24075.	1.6	1
78	The rapid atrial swirl sign for ultrasound-guided tip positioning of antegrade-tunneled hemodialysis catheters: A cross-sectional pilot study. <i>Journal of Vascular Access</i> , 2022, , 112972982210887.	0.5	1
79	Kinetics of human leukocyte antigen receptor HLA-DR+ monocytes and T lymphocytes during remission induction therapy in ANCA-associated vasculitis. <i>Journal of Nephrology</i> , 2022, 35, 1283.	0.9	1
80	Determinants of Tunneled Hemodialysis Catheter Implantation Time by Ultrasound Guidance: A Single-Center Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3526.	1.0	1
81	AB0154â€¦Circulating CPG DNA promoter fragments in SLE activate intrarenal TLR9 signaling and accelerate renal inflammation and fibrogenesis. , 2017, , .		0
82	FC 045URINARY LEVELS OF SARS-COV-2 NUCLEOCAPSID PROTEIN PREDICT AKI AND FATAL OUTCOME IN COVID-19. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
83	POS0247â€¦INTERSTITIAL ANCA-ASSOCIATED VASCULITIS ASSOCIATES WITH SEVERE KIDNEY INJURY INDEPENDENT OF GLOMERULONEPHRITIS. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 345.2-345.	0.5	0
84	POS0722â€¦HISTOPATHOLOGICAL ANALYSIS OF LUPUS NEPHRITIS INCORPORATING BANFF CRITERIA EMPHASIZES THE IMPORTANCE OF TUBULOINTERSTITIAL CHANGES FOR CREATININE AND PROTEINURIA AT 12 MONTHS AFTER RENAL BIOPSY. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 611.1-611.	0.5	0
85	MO205IMPACT OF THE COVID-19 PANDEMIC ON KIDNEY DISEASES REQUIRING RENAL BIOPSY: A SINGLE-CENTER OBSERVATIONAL STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
86	POS0825â€¦DEVELOPMENT OF A NEW AND SIMPLIFIED FORMULA TO PREDICT MORTALITY IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIS ADMITTED TO THE INTENSIVE CARE UNIT. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 665.1-666.	0.5	0
87	AB0400â€¦URINARY ALBUMIN-TO-CREATININE RATIO INDICATES NECROTIZING AND CRESCENTIC GLOMERULONEPHRITIS IN ANCA-ASSOCIATED VASCULITIS. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1228-1228.	0.5	0
88	Histopathological and ultrastructural monitoring of remission induction in crescentic C3 glomerulonephritis. <i>Journal of Nephrology</i> , 2021, , 1.	0.9	0