

Thorsten Wiech

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

6,370
citations

109321

35
h-index

71685

76
g-index

111
all docs

111
docs citations

111
times ranked

13677
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiorgan and Renal Tropism of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020, 383, 590-592.	27.0	1,523
2	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 1084-1096.	8.2	604
3	Role of mTOR in podocyte function and diabetic nephropathy in humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2197-2209.	8.2	467
4	Autophagy plays a critical role in kidney tubule maintenance, aging and ischemia-reperfusion injury. <i>Autophagy</i> , 2012, 8, 826-837.	9.1	228
5	FAN1 mutations cause karyomegalic interstitial nephritis, linking chronic kidney failure to defective DNA damage repair. <i>Nature Genetics</i> , 2012, 44, 910-915.	21.4	205
6	Development and validation of a renal risk score in ANCA-associated glomerulonephritis. <i>Kidney International</i> , 2018, 94, 1177-1188.	5.2	179
7	An Indirect Immunofluorescence Method Facilitates Detection of Thrombospondin Type 1 Domain-Containing 7A-Specific Antibodies in Membranous Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 520-531.	6.1	172
8	A Mechanism for Cancer-Associated Membranous Nephropathy. <i>New England Journal of Medicine</i> , 2016, 374, 1995-1996.	27.0	158
9	Autoimmune Renal Disease Is Exacerbated by S1P-Receptor-1-Dependent Intestinal Th17 Cell Migration to the Kidney. <i>Immunity</i> , 2016, 45, 1078-1092.	14.3	149
10	Head and neck paragangliomas: clinical and molecular genetic classification. <i>Clinics</i> , 2012, 67, 19-28.	1.5	132
11	Head and Neck Paragangliomas in Von Hippel-Lindau Disease and Multiple Endocrine Neoplasia Type 2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1938-1944.	3.6	112
12	Long-term outcome of ABO-incompatible living donor kidney transplantation based on antigen-specific desensitization. An observational comparative analysis. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 3778-3786.	0.7	105
13	CXCL5 Drives Neutrophil Recruitment in TH17-Mediated GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 55-66.	6.1	105
14	Mitochondrial Tubulopathy in Tenofovir Disoproxil Fumarate-Treated Rats. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009, 51, 258-263.	2.1	90
15	Complement Inhibitors in Clinical Trials for Glomerular Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2166.	4.8	86
16	The role of complement in C3 glomerulopathy. <i>Molecular Immunology</i> , 2015, 67, 21-30.	2.2	78
17	Pathogenetic and Clinical Aspects of Anti-Neutrophil Cytoplasmic Autoantibody-Associated Vasculitides. <i>Frontiers in Immunology</i> , 2018, 9, 680.	4.8	76
18	CXCR3+ Regulatory T Cells Control TH1 Responses in Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1933-1942.	6.1	72

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19	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. JCI Insight, 2019, 4, .	5.0	69
20	Stat3 Programs Th17-Specific Regulatory T Cells to Control GN. Journal of the American Society of Nephrology: JASN, 2014, 25, 1291-1302.	6.1	68
21	A novel mouse model of phospholipase A2 receptor 1-associated membranous nephropathy mimics podocyte injury in patients. Kidney International, 2020, 97, 913-919.	5.2	65
22	Pathogen-induced tissue-resident memory T _H 17 (T _{RM} 17) cells amplify autoimmune kidney disease. Science Immunology, 2020, 5, .	11.9	58
23	Biallelic inactivation of the SDHC gene in renal carcinoma associated with paraganglioma syndrome type 3. Endocrine-Related Cancer, 2012, 19, 283-290.	3.1	57
24	CFHR Gene Variations Provide Insights in the Pathogenesis of the Kidney Diseases Atypical Hemolytic Uremic Syndrome and C3 Glomerulopathy. Journal of the American Society of Nephrology: JASN, 2020, 31, 241-256.	6.1	57
25	Serum FHR1 binding to necrotic-type cells activates monocyctic inflammasome and marks necrotic sites in vasculopathies. Nature Communications, 2019, 10, 2961.	12.8	55
26	Cellular and Molecular Mechanisms of Kidney Injury in 2,8-Dihydroxyadenine Nephropathy. Journal of the American Society of Nephrology: JASN, 2020, 31, 799-816.	6.1	54
27	Taurocholate-Induced Pancreatitis. Pancreas, 2008, 36, e9-e21.	1.1	50
28	Sox9 and Sox8 Are Required for Basal Lamina Integrity of Testis Cords and for Suppression of FOXL2 During Embryonic Testis Development in Mice. Biology of Reproduction, 2012, 87, 99.	2.7	45
29	THSD7A expression in human cancer. Genes Chromosomes and Cancer, 2017, 56, 314-327.	2.8	45
30	Renal amyloidosis revisited: amyloid distribution, dynamics and biochemical type. Nephrology Dialysis Transplantation, 2011, 26, 2877-2884.	0.7	43
31	Cholemic Nephropathy Causes Acute Kidney Injury and Is Accompanied by Loss of Aquaporin 2 in Collecting Ducts. Hepatology, 2019, 69, 2107-2119.	7.3	41
32	Genome-wide analysis of genetic alterations in Barrett's adenocarcinoma using single nucleotide polymorphism arrays. Laboratory Investigation, 2009, 89, 385-397.	3.7	39
33	Correlation of the Genotype of Paragangliomas and Pheochromocytomas with Their Metabolic Phenotype on 3,4-Dihydroxy-6- ¹⁸ F-Fluoro-L-Phenylalanin PET. Journal of Nuclear Medicine, 2012, 53, 1352-1358.	5.0	39
34	Human archival tissues provide a valuable source for the analysis of spatial genome organization. Histochemistry and Cell Biology, 2005, 123, 229-238.	1.7	38
35	CC Chemokine Ligand 18 in ANCA-Associated Crescentic GN. Journal of the American Society of Nephrology: JASN, 2015, 26, 2105-2117.	6.1	38
36	Bevacizumab-associated glomerular microangiopathy. Modern Pathology, 2019, 32, 684-700.	5.5	37

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37	aPKC β 1 and aPKC η Contribute to Podocyte Differentiation and Glomerular Maturation. Journal of the American Society of Nephrology: JASN, 2013, 24, 253-267.	6.1	36
38	Inhaled Carbon Monoxide Prevents Acute Kidney Injury in Pigs After Cardiopulmonary Bypass by Inducing a Heat Shock Response. Anesthesia and Analgesia, 2010, 111, 29-37.	2.2	32
39	Cyclin D1 expression is induced by viral BAF1 and is overexpressed in EBV-associated gastric cancer. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 452, 621-627.	2.8	31
40	Microarray comparative genomic hybridization analysis of tubular breast carcinoma shows recurrent loss of the CDH13 locus on 16q. Human Pathology, 2008, 39, 1621-1629.	2.0	31
41	Alterations in the Ubiquitin Proteasome System in Persistent but Not Reversible Proteinuric Diseases. Journal of the American Society of Nephrology: JASN, 2014, 25, 2511-2525.	6.1	31
42	Deep learning-based molecular morphometrics for kidney biopsies. JCI Insight, 2021, 6, .	5.0	31
43	Spatial allelic imbalance of BCL2 genes and chromosome 18 territories in nonneoplastic and neoplastic cervical squamous epithelium. European Biophysics Journal, 2009, 38, 793-806.	2.2	30
44	Whipple's disease mimicking rheumatoid arthritis can cause misdiagnosis and treatment failure. Orphanet Journal of Rare Diseases, 2017, 12, 99.	2.7	30
45	Systematic comparison of sporadic and syndromic pancreatic islet cell tumors. Endocrine-Related Cancer, 2010, 17, 875-883.	3.1	29
46	Age-Related Penetrance of Hereditary Atypical Hemolytic Uremic Syndrome. Annals of Human Genetics, 2011, 75, 639-647.	0.8	29
47	Increased expression of (pro)renin receptor does not cause hypertension or cardiac and renal fibrosis in mice. Laboratory Investigation, 2014, 94, 863-872.	3.7	29
48	Presentation of pediatric Henoch-Schönlein purpura nephritis changes with age and renal histology depends on biopsy timing. Pediatric Nephrology, 2018, 33, 277-286.	1.7	28
49	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 139-159.	2.8	28
50	Potential Role for Urine Polymerase Chain Reaction in the Diagnosis of Whipple's Disease. Clinical Infectious Diseases, 2019, 68, 1089-1097.	5.8	27
51	Ubiquitin C-Terminal Hydrolase L1 is required for regulated protein degradation through the ubiquitin proteasome system in kidney. Kidney International, 2018, 93, 110-127.	5.2	25
52	Diagnostic role of renal biopsy in PLA2R1-antibody-positive patients with nephrotic syndrome. Modern Pathology, 2019, 32, 1320-1328.	5.5	25
53	Role of phospholipase A2 receptor 1 antibody level at diagnosis for long-term renal outcome in membranous nephropathy. PLoS ONE, 2019, 14, e0221293.	2.5	24
54	Renal proximal tubular epithelial cells exert immunomodulatory function by driving inflammatory CD4 ⁺ T cell responses. American Journal of Physiology - Renal Physiology, 2019, 317, F77-F89.	2.7	22

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55	Organisation of lymphocytic infiltrates in <sc>ANCA</sc>-associated glomerulonephritis. <i>Histopathology</i> , 2018, 72, 1093-1101.	2.9	21
56	Atypical Hemolytic and Uremic Syndrome Triggered by Infection With SARS-CoV2. <i>Kidney International Reports</i> , 2021, 6, 2709-2712.	0.8	21
57	FHR5 Binds to Laminins, Uses Separate C3b and Surface-Binding Sites, and Activates Complement on Malondialdehyde-Acetaldehyde Surfaces. <i>Journal of Immunology</i> , 2018, 200, 2280-2290.	0.8	19
58	Immunohistochemical and serological characterization of membranous nephropathy in children and adolescents. <i>Pediatric Nephrology</i> , 2018, 33, 463-472.	1.7	18
59	The chemokine receptor CX3CR1 reduces renal injury in mice with angiotensin II-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1526-F1535.	2.7	18
60	Interleukin-9 protects from early podocyte injury and progressive glomerulosclerosis in Adriamycin-induced nephropathy. <i>Kidney International</i> , 2020, 98, 615-629.	5.2	18
61	The pathobiological impact of cigarette smoke on pancreatic cancer development (Review). <i>International Journal of Oncology</i> , 2012, 41, 5-14.	3.3	16
62	CD99 and polymeric immunoglobulin receptor peptides deregulation in critical COVID-19: A potential link to molecular pathophysiology?. <i>Proteomics</i> , 2021, 21, e2100133.	2.2	16
63	Nuclear Position and Shape Deformation of Chromosome 8 Territories in Pancreatic Ductal Adenocarcinoma. <i>Analytical Cellular Pathology</i> , 2011, 34, 21-33.	1.4	15
64	<i>De novo</i> m<sc>TOR</sc> inhibitor-based immunosuppression in <sc>ABO</sc>-incompatible kidney transplantation. <i>Clinical Transplantation</i> , 2015, 29, 1021-1028.	1.6	15
65	Complement catalyzing glomerular diseases. <i>Cell and Tissue Research</i> , 2021, 385, 355-370.	2.9	15
66	Membranous nephropathy – one morphologic pattern with different diseases. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 989-996.	2.8	14
67	Posttransplant nephrotic syndrome resulting from NELL1-positive membranous nephropathy. <i>American Journal of Transplantation</i> , 2021, 21, 3175-3179.	4.7	14
68	UCH-L1 induces podocyte hypertrophy in membranous nephropathy by protein accumulation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 945-958.	3.8	13
69	Severe Acute Kidney Injury Due to Nivolumab/Ipilimumab-induced Granulomatosis and Fibrinoid Vascular Necrosis. <i>Journal of Immunotherapy</i> , 2020, 43, 29-31.	2.4	13
70	Entire infrasellar craniopharyngioma simulating clival chordoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2007, 137, 981-983.	1.9	12
71	Th17 cell plasticity towards a T-bet-dependent Th1 phenotype is required for bacterial control in <i>Staphylococcus aureus</i> infection. <i>PLoS Pathogens</i> , 2022, 18, e1010430.	4.7	12
72	A novel in vivo method to quantify slit diaphragm protein abundance in murine proteinuric kidney disease. <i>PLoS ONE</i> , 2017, 12, e0179217.	2.5	11

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73	Factor H-related protein 1 (FHR-1) is associated with atherosclerotic cardiovascular disease. <i>Scientific Reports</i> , 2021, 11, 22511.	3.3	11
74	Histopathological patterns of nephrocalcinosis: a phosphate type can be distinguished from a calcium type. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1122-1131.	0.7	10
75	Gene expression profiles of lung adenocarcinoma linked to histopathological grading and survival but not to EGF-R status: a microarray study. <i>BMC Cancer</i> , 2010, 10, 77.	2.6	9
76	In situ Visualization of C3/C5 Convertases to Differentiate Complement Activation. <i>Kidney International Reports</i> , 2020, 5, 927-930.	0.8	9
77	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. <i>Kidney International</i> , 2021, 99, 1140-1148.	5.2	9
78	Head and neck cancer in young adults and nonsmokers: Study of cancer susceptibility by genome-wide high-density SNP microarray mapping. <i>Acta Oto-Laryngologica</i> , 2011, 131, 1091-1098.	0.9	8
79	Does Radiation Prevent 5-Fluorouracil-Induced Colitis in the Early Phase of Radiochemotherapy?. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 459-463.	2.0	7
80	Rituximab Induces Complete Remission of Proteinuria in a Patient With Minimal Change Disease and No Detectable B Cells. <i>Frontiers in Immunology</i> , 2020, 11, 586012.	4.8	7
81	ADAM10-Mediated Ectodomain Shedding Is an Essential Driver of Podocyte Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1389-1408.	6.1	7
82	Inhibition of p38 MAPK decreases hyperglycemia-induced nephrin endocytosis and attenuates albuminuria. <i>Journal of Molecular Medicine</i> , 2022, 100, 781-795.	3.9	7
83	A Case of Heterogeneous Breast Cancer with Clonally Expanded T-Cells in the HER2+ and Metastasis of the HER2 ⁺ Tumor Cells. <i>Breast Journal</i> , 2008, 14, 487-491.	1.0	6
84	Antigen Cross-Presentation by Murine Proximal Tubular Epithelial Cells Induces Cytotoxic and Inflammatory CD8+ T Cells. <i>Cells</i> , 2022, 11, 1510.	4.1	6
85	Phaeochromocytoma and thrombotic microangiopathy: favourable outcome despite advanced renal failure. <i>Journal of Clinical Pathology</i> , 2010, 63, 754-756.	2.0	5
86	Characterization of THSD7A-antibodies not binding to glomerular THSD7A in a patient with diabetes mellitus but no membranous nephropathy. <i>Scientific Reports</i> , 2021, 11, 16188.	3.3	5
87	Molecular Mapping of Urinary Complement Peptides in Kidney Diseases. <i>Proteomes</i> , 2021, 9, 49.	3.5	5
88	Proteolysis and inflammation of the kidney glomerulus. <i>Cell and Tissue Research</i> , 2021, 385, 489-500.	2.9	4
89	Donor-Derived Small Cell Lung Carcinoma in a Transplanted Kidney. <i>Transplantation</i> , 2007, 84, 800-802.	1.0	3
90	Rare extracranial localization of primary intracranial neoplasm. <i>Diagnostic Pathology</i> , 2008, 3, 14.	2.0	2

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91	Karyomegalic interstitial nephritis. Lancet, The, 2013, 382, 2093.	13.7	2
92	An Interdisciplinary Diagnostic Approach to Guide Therapy in C3 Glomerulopathy. Frontiers in Immunology, 2022, 13, .	4.8	2
93	Novel CFHR2 variants: Another nuance in the complex spectrum of kidney disease aHUS and C3GN. Molecular Immunology, 2017, 89, 179.	2.2	0
94	The authors reply. Kidney International, 2019, 96, 245-246.	5.2	0
95	The authors reply. Kidney International, 2019, 96, 1037-1038.	5.2	0
96	Reply to Tison and Saraux. Clinical Infectious Diseases, 2019, 69, 905-905.	5.8	0
97	The authors reply. Kidney International, 2021, 99, 489-490.	5.2	0
98	Pathology of Rectal Cancer. , 2009, , 15-23.		0
99	Inhibition of MAPK P38 Decreases Hyperglycemia-Induced Nephrin Endocytosis and Protects Against Proteinuria. SSRN Electronic Journal, 0, , .	0.4	0
100	Glomerulonephritiden und Vaskulitiden. , 2020, , 39-55.		0