

# Gilbert W Moeckel

## List of Publications by Year in descending order

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Version: 2024-02-01

109  
papers

5,676  
citations

71102

41  
h-index

82547

72  
g-index

109  
all docs

109  
docs citations

109  
times ranked

8073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and external validation of a diagnostic model for biopsy-proven acute interstitial nephritis using electronic health record data. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 2214-2222.	0.7	11
2	Severe AKI in a Patient on Multiple Antimicrobial Agents for Leg Infection. <i>Kidney360</i> , 2022, 3, 405-406.	2.1	1
3	Urine interleukin-9 and tumor necrosis factor- $\alpha$ for prognosis of human acute interstitial nephritis. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1851-1858.	0.7	26
4	Collagenofibrotic glomerulopathy in a kidney transplant recipient: A first report. <i>American Journal of Transplantation</i> , 2021, 21, 1948-1952.	4.7	1
5	IgA vasculitis complicated by acute kidney failure with thrombotic microangiopathy: successful use of eculizumab. <i>Journal of Nephrology</i> , 2021, 34, 2141-2145.	2.0	2
6	Quantitative not qualitative histology differentiates aneurysmal from nondilated ascending aortas and reveals a net gain of medial components. <i>Scientific Reports</i> , 2021, 11, 13185.	3.3	12
7	Tubular Cell Dropout in Preimplantation Deceased Donor Biopsies as a Predictor of Delayed Graft Function. <i>Transplantation Direct</i> , 2021, 7, e716.	1.6	7
8	Podocyte VEGF-A Knockdown Induces Diffuse Glomerulosclerosis in Diabetic and in eNOS Knockout Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 788886.	3.5	10
9	Polycystin 2 is increased in disease to protect against stress-induced cell death. <i>Scientific Reports</i> , 2020, 10, 386.	3.3	13
10	Kidney tissue hypoxia dictates T cell-mediated injury in murine lupus nephritis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	51
11	Response of the ENPP1-Deficient Skeletal Phenotype to Oral Phosphate Supplementation and/or Enzyme Replacement Therapy: Comparative Studies in Humans and Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 942-955.	2.8	15
12	Postoperative Onset and Detection of SARS-CoV-2 in Surgically Resected Specimens From Gastrointestinal Cancer Patients With Pre/Asymptomatic COVID-19. <i>Annals of Surgery</i> , 2020, 272, e321-e328.	4.2	9
13	Adaptive Immunity and Critical Illness. , 2019, , 483-487.		0
14	Hypergranulotic dyscornification: 30 cases of a striking epithelial reaction pattern. <i>Journal of Cutaneous Pathology</i> , 2019, 46, 742-747.	1.3	2
15	Regulated necrosis and failed repair in cisplatin-induced chronic kidney disease. <i>Kidney International</i> , 2019, 95, 797-814.	5.2	63
16	Development of a 2-dimensional atlas of the human kidney with imaging mass cytometry. <i>JCI Insight</i> , 2019, 4, .	5.0	43
17	Secretory Leukocyte Protease Inhibitor (SLPI)â€”A Novel Predictive Biomarker of Acute Kidney Injury after Cardiac Surgery: A Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1931.	2.4	22
18	PD-1H (VISTA)â€”mediated suppression of autoimmunity in systemic and cutaneous lupus erythematosus. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	90

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19	Update on the Native Kidney Biopsy: Core Curriculum 2019. American Journal of Kidney Diseases, 2019, 73, 404-415.	1.9	139
20	Urine TNF- $\alpha$ and IL-9 for clinical diagnosis of acute interstitial nephritis. JCI Insight, 2019, 4, .	5.0	89
21	Telavancin-associated acute kidney injury. Clinical Nephrology, 2019, 91, 187-191.	0.7	8
22	Semaphorin 7A in circulating regulatory T cells is increased in autosomal-dominant polycystic kidney disease and decreases with tolvaptan treatment. Clinical and Experimental Nephrology, 2018, 22, 906-916.	1.6	11
23	Interstitial inflammation and interstitial fibrosis and tubular atrophy predict renal survival in lupus nephritis. CKJ: Clinical Kidney Journal, 2018, 11, 207-218.	2.9	63
24	Pathologic Perspectives on Acute Tubular Injury Assessment in the Kidney Biopsy. Seminars in Nephrology, 2018, 38, 21-30.	1.6	22
25	Granulomatosis With Polyangiitis in a Young Adult With Down Syndrome. Journal of Clinical Rheumatology, 2018, 24, 153-156.	0.9	0
26	Reliability of deceased donor procurement kidney biopsy images uploaded in United Network for Organ Sharing. Clinical Transplantation, 2018, 32, e13441.	1.6	8
27	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. Science Translational Medicine, 2018, 10, .	12.4	84
28	TREX1 Mutation Causing Autosomal Dominant Thrombotic Microangiopathy and CKD—A Novel Presentation. American Journal of Kidney Diseases, 2018, 72, 895-899.	1.9	11
29	Histones and Neutrophil Extracellular Traps Enhance Tubular Necrosis and Remote Organ Injury in Ischemic AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 1753-1768.	6.1	220
30	Rapamycin treatment dose-dependently improves the cystic kidney in a new ADPKD mouse model via the mTORC1 and cell cycle-associated CDK1/cyclin axis. Journal of Cellular and Molecular Medicine, 2017, 21, 1619-1635.	3.6	33
31	MIF-2/D-DT enhances proximal tubular cell regeneration through SLPI- and ATF4-dependent mechanisms. American Journal of Physiology - Renal Physiology, 2017, 313, F767-F780.	2.7	36
32	Loss of the podocyte glucocorticoid receptor exacerbates proteinuria after injury. Scientific Reports, 2017, 7, 9833.	3.3	25
33	Severe Orthostatic Hypotension Complicating Multiple Myeloma. Journal of Onco-Nephrology, 2017, 1, e8-e12.	0.6	0
34	A Nodular Foreign Body Reaction in a Dialysis Patient Receiving Long-term Treatment With Lanthanum Carbonate. American Journal of Kidney Diseases, 2016, 67, 128-132.	1.9	16
35	Essential Role of X-Box Binding Protein-1 during Endoplasmic Reticulum Stress in Podocytes. Journal of the American Society of Nephrology: JASN, 2016, 27, 1055-1065.	6.1	37
36	Three-Dimensional Morphology by Multiphoton Microscopy with Clearing in a Model of Cisplatin-Induced CKD. Journal of the American Society of Nephrology: JASN, 2016, 27, 1102-1112.	6.1	76

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37	Isoforms of Spectrin and Ankyrin Reflect the Functional Topography of the Mouse Kidney. PLoS ONE, 2016, 11, e0142687.	2.5	9
38	Antiphospholipid Antibody Syndrome. Journal of Neuro-Ophthalmology, 2015, 35, 396-399.	0.8	3
39	Comparison of amyloid deposition in human kidney biopsies as predictor of poor patient outcome. BMC Nephrology, 2015, 16, 64.	1.8	20
40	Human Polycystin-2 Transgene Dose-Dependently Rescues ADPKD Phenotypes in Pkd2 Mutant Mice. American Journal of Pathology, 2015, 185, 2843-2860.	3.8	18
41	Chemokine receptor Cxcr4 contributes to kidney fibrosis via multiple effectors. American Journal of Physiology - Renal Physiology, 2015, 308, F459-F472.	2.7	47
42	GM-CSF Promotes Macrophage Alternative Activation after Renal Ischemia/Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 1334-1345.	6.1	99
43	Semaphorin3a Promotes Advanced Diabetic Nephropathy. Diabetes, 2015, 64, 1743-1759.	0.6	56
44	C3 Glomerulonephritis and Plasma Cell Dyscrasia: Expanding the Etiologic Spectrum. Biology and Medicine (Aligarh), 2015, 07, .	0.3	2
45	Podocyte-associated talin1 is critical for glomerular filtration barrier maintenance. Journal of Clinical Investigation, 2015, 125, 882-882.	8.2	0
46	Loss of Polycystin-1 Inhibits Bicc1 Expression during Mouse Development. PLoS ONE, 2014, 9, e88816.	2.5	13
47	Quantification and localization of M2 macrophages in human kidneys with acute tubular injury. International Journal of Nephrology and Renovascular Disease, 2014, 7, 415.	1.8	22
48	Role of medullary progenitor cells in epithelial cell migration and proliferation. American Journal of Physiology - Renal Physiology, 2014, 307, F64-F74.	2.7	2
49	Early B-cell factor 1 is an essential transcription factor for postnatal glomerular maturation. Kidney International, 2014, 85, 1091-1102.	5.2	24
50	Podocyte-Specific VEGF-A Gain of Function Induces Nodular Glomerulosclerosis in eNOS Null Mice. Journal of the American Society of Nephrology: JASN, 2014, 25, 1814-1824.	6.1	30
51	Cytomegalovirus Glomerulopathy and Cytomegalovirus Interstitial Nephritis on Sequential Transplant Kidney Biopsies. American Journal of Kidney Diseases, 2014, 63, 536-539.	1.9	18
52	Met Activation Is Required for Early Cytoprotection after Ischemic Kidney Injury. Journal of the American Society of Nephrology: JASN, 2014, 25, 329-337.	6.1	16
53	Bile Acid Nephropathy in a Bodybuilder Abusing an Anabolic Androgenic Steroid. American Journal of Kidney Diseases, 2014, 64, 473-476.	1.9	52
54	Renalase Prevents AKI Independent of Amine Oxidase Activity. Journal of the American Society of Nephrology: JASN, 2014, 25, 1226-1235.	6.1	73

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55	Podocyte-associated talin1 is critical for glomerular filtration barrier maintenance. <i>Journal of Clinical Investigation</i> , 2014, 124, 1098-1113.	8.2	122
56	Aldosterone stimulates fibronectin synthesis in renal fibroblasts through mineralocorticoid receptor-dependent and independent mechanisms. <i>Gene</i> , 2013, 531, 23-30.	2.2	35
57	Babesiosis-Induced Acute Kidney Injury With Prominent Urinary Macrophages. <i>American Journal of Kidney Diseases</i> , 2013, 62, 801-805.	1.9	10
58	Mineralocorticoid Receptor Phosphorylation Regulates Ligand Binding and Renal Response to Volume Depletion and Hyperkalemia. <i>Cell Metabolism</i> , 2013, 18, 660-671.	16.2	152
59	Recessive mutations in DGKE cause atypical hemolytic-uremic syndrome. <i>Nature Genetics</i> , 2013, 45, 531-536.	21.4	419
60	Chitinase-Like Protein Brp-39/YKL-40 Modulates the Renal Response to Ischemic Injury and Predicts Delayed Allograft Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 309-319.	6.1	101
61	Macrophage-specific deletion of transforming growth factor- $\beta$ 1 does not prevent renal fibrosis after severe ischemia-reperfusion or obstructive injury. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F477-F484.	2.7	56
62	NALP3-mediated inflammation is a principal cause of progressive renal failure in oxalate nephropathy. <i>Kidney International</i> , 2013, 84, 895-901.	5.2	182
63	Hypertonic stress and cell death. Focus on "Multiple cell death pathways are independently activated by lethal hypertonicity in renal epithelial cells"; <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C1009-C1010.	4.6	8
64	Alloantibody and Complement Promote T Cell-Mediated Cardiac Allograft Vasculopathy Through Noncanonical Nuclear Factor- $\kappa$ B Signaling in Endothelial Cells. <i>Circulation</i> , 2013, 128, 2504-2516.	1.6	132
65	Warfarin-related nephropathy in a patient with mild IgA nephropathy on dabigatran and aspirin. <i>CKJ: Clinical Kidney Journal</i> , 2013, 6, 507-509.	2.9	34
66	Acute kidney injury in a patient with sarcoidosis: hypercalciuria and hypercalcemia leading to calcium phosphate deposition. <i>Clinical Nephrology</i> , 2013, 80, 151-156.	0.7	9
67	A 7-year-old boy with renal insufficiency and proteinuria after stem cell transplant for T-cell acute lymphoblastic leukemia. <i>Clinical Nephrology</i> , 2013, 82, 205-10.	0.7	0
68	Renalase protects against cisplatin acute kidney injury in mice. <i>FASEB Journal</i> , 2013, 27, 910.7.	0.5	0
69	Inorganic Phosphate Stimulates Fibronectin Expression in Renal Fibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 151-159.	1.6	18
70	Role of dynamin, synaptojanin, and endophilin in podocyte foot processes. <i>Journal of Clinical Investigation</i> , 2012, 122, 4401-4411.	8.2	137
71	Intrarenal Dopamine Inhibits Progression of Diabetic Nephropathy. <i>Diabetes</i> , 2012, 61, 2575-2584.	0.6	36
72	Acute Podocyte Vascular Endothelial Growth Factor (VEGF-A) Knockdown Disrupts $\alpha$ V $\beta$ 3 Integrin Signaling in the Glomerulus. <i>PLoS ONE</i> , 2012, 7, e40589.	2.5	59

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73	Resolution of proteinuria in a patient with focal segmental glomerulosclerosis following BiPAP initiation for obesity hypoventilation syndrome. <i>Clinical Nephrology</i> , 2012, 77, 62-65.	0.7	9
74	Podocyte COX-2 Exacerbates Diabetic Nephropathy by Increasing Podocyte (Pro)renin Receptor Expression. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1240-1251.	6.1	76
75	SGLT2 Deletion Improves Glucose Homeostasis and Preserves Pancreatic $\beta$ -Cell Function. <i>Diabetes</i> , 2011, 60, 890-898.	0.6	197
76	Proteinuria and glomerular injury associated with the anti-angiogenesis drug Vargatef. <i>Clinical Kidney Journal</i> , 2011, 4, 430-433.	2.9	0
77	Hematuria and Decreased Kidney Function as Initial Signs of Acute B-Cell Lymphoblastic Leukemia. <i>American Journal of Kidney Diseases</i> , 2010, 56, 1001-1005.	1.9	5
78	LATE-ONSET OMEPRAZOLE-ASSOCIATED ACUTE INTERSTITIAL NEPHRITIS. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 2443-2444.	2.6	9
79	Hypertonicity-induced Mitochondrial Membrane Permeability in Renal Medullary Interstitial Cells: Protective Role of Osmolytes. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 753-760.	1.6	13
80	Anti-phospholipid antibody syndrome in the kidney. <i>Kidney International</i> , 2010, 77, 473.	5.2	0
81	Second Prize: A Sealed Bladder Cuff Technique During Laparoscopic Nephroureterectomy Utilizing the LigaSure, a Electro-surgical Device: Laboratory and Clinical Experience. <i>Journal of Endourology</i> , 2010, 24, 327-332.	2.1	16
82	TGF- $\beta$ Receptor Deletion in the Renal Collecting System Exacerbates Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1334-1343.	6.1	45
83	Identification and Regulation of Reticulon 4B (Nogo-B) in Renal Tubular Epithelial Cells. <i>American Journal of Pathology</i> , 2010, 177, 2765-2773.	3.8	17
84	Nephrotoxicity From Chemotherapeutic Agents: Clinical Manifestations, Pathobiology, and Prevention/Therapy. <i>Seminars in Nephrology</i> , 2010, 30, 570-581.	1.6	235
85	Placental Insufficiency Associated with Loss of Cited1 Causes Renal Medullary Dysplasia. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 777-786.	6.1	23
86	Deletion of the Met receptor in the collecting duct decreases renal repair following ureteral obstruction. <i>Kidney International</i> , 2009, 76, 868-876.	5.2	33
87	Distinct Roles for Basal and Induced COX-2 in Podocyte Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1953-1962.	6.1	47
88	Resolution of renal inflammation: a new role for NF- $\kappa$ B1 (p50) in inflammatory kidney diseases. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F429-F439.	2.7	60
89	NFATc1 Identifies a Population of Proximal Tubule Cell Progenitors. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 311-321.	6.1	76
90	Urea promotes TonEBP expression and cellular adaptation in extreme hypertonicity. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 459, 183-189.	2.8	5

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91	Î²1 integrin expression by podocytes is required to maintain glomerular structural integrity. <i>Developmental Biology</i> , 2008, 316, 288-301.	2.0	161
92	Fibrocystin/Polyductin Modulates Renal Tubular Formation by Regulating Polycystin-2 Expression and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 455-468.	6.1	123
93	Apoptosis of the Thick Ascending Limb Results in Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1538-1546.	6.1	61
94	Overexpression of Cyclooxygenase-2 Predisposes to Podocyte Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 551-559.	6.1	73
95	Puromycin Induces Reversible Proteinuric Injury in Transgenic Mice Expressing Cyclooxygenase-2 in Podocytes. <i>Nephron Experimental Nephrology</i> , 2007, 107, e87-e94.	2.2	27
96	Role of integrin Î±1Î²1 in the regulation of renal medullary osmolyte concentration. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F223-F231.	2.7	36
97	Polymorphisms in Human Organic Anion-transporting Polypeptide 1A2 (OATP1A2). <i>Journal of Biological Chemistry</i> , 2005, 280, 9610-9617.	3.4	316
98	Expression of Mediators of Renal Injury in the Remnant Kidney of ROP Mice Is Attenuated by Cyclooxygenase-2 Inhibition. <i>Nephron Experimental Nephrology</i> , 2005, 101, e75-e85.	2.2	13
99	Second Prize: Simple Method for Achieving Renal Parenchymal Hypothermia for Pure Laparoscopic Partial Nephrectomy. <i>Journal of Endourology</i> , 2005, 19, 1075-1081.	2.1	17
100	PKHD1 protein encoded by the gene for autosomal recessive polycystic kidney disease associates with basal bodies and primary cilia in renal epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2311-2316.	7.1	160
101	Lack of Integrin Î±1Î²1 Leads to Severe Glomerulosclerosis after Glomerular Injury. <i>American Journal of Pathology</i> , 2004, 165, 617-630.	3.8	95
102	Importance of Functional EGF Receptors in Recovery from Acute Nephrotoxic Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 3147-3154.	6.1	92
103	COX2 Activity Promotes Organic Osmolyte Accumulation and Adaptation of Renal Medullary Interstitial Cells to Hypertonic Stress. <i>Journal of Biological Chemistry</i> , 2003, 278, 19352-19357.	3.4	58
104	A Novel Gene Encoding a TIG Multiple Domain Protein Is a Positional Candidate for Autosomal Recessive Polycystic Kidney Disease. <i>Genomics</i> , 2002, 80, 96-104.	2.9	65
105	Organic osmolytes betaine, sorbitol and inositol are potent inhibitors of erythrocyte membrane ATPases. <i>Life Sciences</i> , 2002, 71, 2413-2424.	4.3	37
106	An 11-year-old African-American girl with systemic lupus erythematosus and ANCA-negative renal vasculitis. <i>American Journal of Kidney Diseases</i> , 2002, 39, 433-438.	1.9	10
107	Cyclooxygenase-2 inhibitor blocks expression of mediators of renal injury in a model of diabetes and hypertension1. <i>Kidney International</i> , 2002, 62, 929-939.	5.2	171
108	Reabsorption of betaine in Henle's loops of rat kidney in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F434-F439.	2.7	22

#	ARTICLE	IF	CITATIONS
109	Purification of Human and Rat Kidney Aldose Reductase. Enzyme & Protein, 1994, 48, 45-50.	1.4	3