Timothy W Meyer

List of Publications by Year
in descending order

78 papers	6,943 citations	81900 39 h-index	79698 73 g-index
79 all docs	79 docs citations	79 times ranked	6313 citing authors

#	Article	IF	Citations
1	Dietary Protein Intake and the Progressive Nature of Kidney Disease:. New England Journal of Medicine, 1982, 307, 652-659.	27.0	1,863
2	Defined Engineered Human Myocardium With Advanced Maturation for Applications in Heart Failure Modeling and Repair. Circulation, 2017, 135, 1832-1847.	1.6	462
3	Uremia. New England Journal of Medicine, 2007, 357, 1316-1325.	27.0	403
4	Colonic Contribution to Uremic Solutes. Journal of the American Society of Nephrology: JASN, 2011, 22, 1769-1776.	6.1	340
5	Removal of P-Cresol Sulfate by Hemodialysis. Journal of the American Society of Nephrology: JASN, 2005, 16, 3430-3436.	6.1	239
6	Effect of Increasing Dietary Fiber on Plasma Levels of Colon-Derived Solutes in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1603-1610.	4.5	235
7	Modulation of a Circulating Uremic Solute via Rational Genetic Manipulation of the Gut Microbiota. Cell Host and Microbe, 2016, 20, 709-715.	11.0	201
8	Human Engineered Heart Muscles Engraft and Survive Long Term in a Rodent Myocardial Infarction Model. Circulation Research, 2015, 117, 720-730.	4.5	197
9	Uremic solutes and risk of end-stage renal disease in type 2 diabetes: metabolomic study. Kidney International, 2014, 85, 1214-1224.	5.2	182
10	Uremic solutes from colon microbes. Kidney International, 2012, 81, 949-954.	5.2	148
11	Trimethylamine N-Oxide and Cardiovascular Events in Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2017, 28, 321-331.	6.1	132
12	Late Consequences of Acute Ischemic Injury to a Solitary Kidney. Journal of the American Society of Nephrology: JASN, 1999, 10, 366-373.	6.1	117
13	Prominent Accumulation in Hemodialysis Patients of Solutes Normally Cleared by Tubular Secretion. Journal of the American Society of Nephrology: JASN, 2014, 25, 615-622.	6.1	115
14	Numerous protein-bound solutes are cleared by the kidney with high efficiency. Kidney International, 2013, 84, 585-590.	5.2	111
15	Increasing the Clearance of Protein-Bound Solutes by Addition of a Sorbent to the Dialysate. Journal of the American Society of Nephrology: JASN, 2007, 18, 868-874.	6.1	104
16	Increasing Dialysate Flow and Dialyzer Mass Transfer Area Coefficient to Increase the Clearance of Protein-bound Solutes. Journal of the American Society of Nephrology: JASN, 2004, 15, 1927-1935.	6.1	100
17	Contribution of Residual Function to Removal of Protein-Bound Solutes in Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 290-296.	4.5	91
18	Removal of the Protein-Bound Solutes Indican and P-Cresol Sulfate by Peritoneal Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 85-90.	4.5	86

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19	Tubular Secretion in CKD. Journal of the American Society of Nephrology: JASN, 2016, 27, 2148-2155.	6.1	83
20	New insights into uremic toxicity. Current Opinion in Nephrology and Hypertension, 2008, 17, 560-565.	2.0	79
21	Mechanism of Prominent Trimethylamine Oxide (TMAO) Accumulation in Hemodialysis Patients. PLoS ONE, 2015, 10, e0143731.	2.5	79
22	Identification and Quantitative Assessment of Uremic Solutes as Inhibitors of Renal Organic Anion Transporters, OAT1 and OAT3. Molecular Pharmaceutics, 2016, 13, 3130-3140.	4.6	79
23	Free Levels of Selected Organic Solutes and Cardiovascular Morbidity and Mortality in Hemodialysis Patients: Results from the Retained Organic Solutes and Clinical Outcomes (ROSCO) Investigators. PLoS ONE, 2015, 10, e0126048.	2.5	75
24	Characteristics of Colon-Derived Uremic Solutes. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1398-1404.	4.5	73
25	Contribution of tubular injury to loss of remnant kidney function. Kidney International, 1998, 54, 1157-1165.	5.2	70
26	Effect of Increasing Dialyzer Mass Transfer Area Coefficient and Dialysate Flow on Clearance of Protein-Bound Solutes: A Pilot Crossover Trial. American Journal of Kidney Diseases, 2009, 53, 1042-1049.	1.9	68
27	An Enlarged Profile of Uremic Solutes. PLoS ONE, 2015, 10, e0135657.	2.5	68
28	Selectively increasing the clearance of protein-bound uremic solutes. Nephrology Dialysis Transplantation, 2012, 27, 1574-1579.	0.7	67
29	Results of the HEMO Study suggest that p-cresol sulfate and indoxyl sulfate are not associatedÂwithÂcardiovascular outcomes. Kidney International, 2017, 92, 1484-1492.	5.2	65
30	The clearance of protein-bound solutes by hemofiltration and hemodiafiltration. Kidney International, 2005, 68, 867-877.	5.2	64
31	Uremic Toxin Clearance and Cardiovascular Toxicities. Toxins, 2018, 10, 226.	3.4	61
32	Protein-Bound Molecules: A Large Family With a Bad Character. Seminars in Nephrology, 2014, 34, 106-117.	1.6	58
33	Limited reduction in uremic solute concentrations with increased dialysis frequency and time inÂtheÂFrequent Hemodialysis Network Daily Trial. Kidney International, 2017, 91, 1186-1192.	5.2	55
34	Tubular injury in glomerular disease. Kidney International, 2003, 63, 774-787.	5.2	51
35	Kt/Vurea and Nonurea Small Solute Levels in the Hemodialysis Study. Journal of the American Society of Nephrology: JASN, 2016, 27, 3469-3478.	6.1	51
36	Retained organic solutes, patient characteristics and all-cause and cardiovascular mortality in hemodialysis: results from the retained organic solutes and clinical outcomes (ROSCO) investigators. BMC Nephrology, 2013, 14, 134.	1.8	50

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37	Approaches to Uremia. Journal of the American Society of Nephrology: JASN, 2014, 25, 2151-2158.	6.1	47
38	Contribution of Angiotensin II to Late Renal Injury after Acute Ischemia. Journal of the American Society of Nephrology: JASN, 2000, 11, 1278-1286.	6.1	46
39	Inflammation and Immunity Pathways Regulate Genetic Susceptibility to Diabetic Nephropathy. Diabetes, 2018, 67, 2096-2106.	0.6	42
40	Glomerular Injury and Tubular Loss in Adriamycin Nephrosis. Journal of the American Society of Nephrology: JASN, 2001, 12, 1391-1400.	6.1	40
41	Dialysis Cannot be Dosed. Seminars in Dialysis, 2011, 24, 471-479.	1.3	37
42	Serum Asymmetric and Symmetric Dimethylarginine and Morbidity and Mortality in Hemodialysis Patients. American Journal of Kidney Diseases, 2017, 70, 48-58.	1.9	33
43	Exercise Promotes Collateral Artery Growth Mediated by Monocytic Nitric Oxide. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1862-1871.	2.4	32
44	Twice-Weekly Hemodialysis Is an Option for Many Patients in Times of Dialysis Unit Stress. Journal of the American Society of Nephrology: JASN, 2020, 31, 1141-1142.	6.1	32
45	Residual Function Effectively Controls Plasma Concentrations of Secreted Solutes in Patients on Twice Weekly Hemodialysis. Journal of the American Society of Nephrology: JASN, 2018, 29, 1992-1999.	6.1	30
46	Effect of a sustained difference in hemodialytic clearance on the plasma levels of p-cresol sulfate and indoxyl sulfate. Nephrology Dialysis Transplantation, 2016, 31, 1335-1341.	0.7	29
47	The Effect of Uremic Solutes on the Organic Cation Transporter 2. Journal of Pharmaceutical Sciences, 2017, 106, 2551-2557.	3.3	23
48	Methylamine clearance by haemodialysis is low. Nephrology Dialysis Transplantation, 2010, 25, 1608-1613.	0.7	19
49	Renal structural abnormalities following recovery from acute puromycin nephrosis. Kidney International, 2002, 62, 496-506.	5.2	16
50	Contribution of â€˜clinically negligibleâ€™ residual kidney function to clearance of uremic solutes. Nephrology Dialysis Transplantation, 2020, 35, 846-853.	0.7	16
51	Effect of Angiotensin II Blockade on Renal Injury in Mineralocorticoid-Salt Hypertension. Hypertension, 2000, 36, 569-574.	2.7	14
52	Coated Carbon Hemoperfusion Provides Limited Clearance of Proteinâ€bound Solutes. Artificial Organs, 2008, 32, 717-724.	1.9	14
53	Metabolomic analysis of uremic pruritus in patients on hemodialysis. PLoS ONE, 2021, 16, e0246765.	2.5	14
54	Intensive Hemodialysis Fails to Reduce Plasma Levels of Uremic Solutes. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 361-362.	4.5	13

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55	The incidence and characteristics of purposeful heading in male and female youth football (soccer) within Australia. Journal of Science and Medicine in Sport, 2021, 24, 603-608.	1.3	13
56	Indoxyl Sulfate. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 3-4.	4.5	12
57	The Removal of Protein-Bound Solutes by Dialysis. , 2012, 22, 203-206.		11
58	Impaired Tubular Secretion of Organic Solutes in Advanced Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 2877-2884.	6.1	10
59	The Effect of the FIFA 11â€‰+â€‰with Added Neck Exercises on Maximal Isometric Neck Strength and Peak Head Impact Magnitude During Heading: A Pilot Study. Sports Medicine, 2022, 52, 655-668.	6.5	10
60	Accumulation of uremic solutes in the cerebrospinal fluid in experimental acute renal failure. American Journal of Physiology - Renal Physiology, 2019, 317, F296-F302.	2.7	9
61	The effect of ball characteristics on head acceleration during purposeful heading in male and female youth football players. Science and Medicine in Football, 2021, 5, 1-9.	2.0	7
62	Removal of Uremic Solutes from Dialysate by Activated Carbon. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 1168-1175.	4.5	7
63	Barriers to Reducing Hemodialysis Time and Frequency in Patients with Residual Kidney Function. Journal of the American Society of Nephrology: JASN, 2021, 32, 2112-2116.	6.1	6
64	Free and total p-cresol sulfate levels and infectious hospitalizations in hemodialysis patients in CHOICE and HEMO. Medicine (United States), 2017, 96, e5799.	1.0	5
65	Improving Clearance for Renal Replacement Therapy. Kidney360, 2021, 2, 1188-1195.	2.1	5
66	More Dialysis Has Not Proven Much Better. Seminars in Dialysis, 2016, 29, 481-490.	1.3	4
67	Why Is the GFR So High?: Implications for the Treatment of Kidney Failure. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 980-987.	4.5	4
68	Association of Plasma Uremic Solute Levels with Residual Kidney Function in Children on Peritoneal Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1531-1538.	4.5	3
69	Untargeted mass spectrometry discloses plasma solute levels poorly controlled by hemodialysis. PLoS ONE, 2017, 12, e0188315.	2.5	3
70	Improving Solute Clearances by Hemodialysis. Blood Purification, 2022, 51, 20-31.	1.8	3
71	The Pathophysiology of Uremia. , 2010, , 251-264.		2
72	Manipulating the microbiome. Kidney International, 2017, 91, 274-276.	5.2	2

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73	Plasma pseudouridine levels reflect body size in children on hemodialysis. Pediatric Nephrology, 2020, 35, 305-312.	1.7	2
74	Precision medicine in transplantation and hemodialysis. Nephrology Dialysis Transplantation, 2021, 36, ii31-ii36.	0.7	2
75	The Uremic Syndrome. , 2015, , 83-91.		1
76	The Uremic Syndrome. , 2020, , 199-210.		1
77	Impaired Tubular Secretion of Organic Solutes in Acute Kidney Injury. Kidney360, 2020, 1, 724-730.	2.1	1
78	Glomerular Effects of Age and APOL1. Journal of the American Society of Nephrology: JASN, 2015, 26, 2901-2903.	6.1	0