Frank M Van Der Sande

List of Publications by Year
in descending order

88 papers	3,439 citations	117625 34 h-index	149698 56 g-index
89 all docs	89 docs citations	89 times ranked	2977 citing authors

#	Article	IF	Citations
1	Effect of icodextrin on volume status, blood pressure and echocardiographic parameters: A randomized study. Kidney International, 2003, 63, 1556-1563.	5.2	191
2	Buttonhole needling of haemodialysis arteriovenous fistulae results in less complications and interventions compared to the rope-ladder technique. Nephrology Dialysis Transplantation, 2010, 25, 225-230.	0.7	168
3	Prospective evaluation of failure modes in autogenous radiocephalic wrist access for haemodialysis. Nephrology Dialysis Transplantation, 2003, 18, 378-383.	0.7	164
4	Fluid status in CAPD patients is related to peritoneal transport and residual renal function: evidence from a longitudinal study. Nephrology Dialysis Transplantation, 2003, 18, 797-803.	0.7	147
5	International Differences in Dialysis Mortality Reflect Background General Population Atherosclerotic Cardiovascular Mortality. Journal of the American Society of Nephrology: JASN, 2006, 17, 3510-3519.	6.1	124
6	A randomized multicenter study of the outcome of brachial-basilic arteriovenous fistula and prosthetic brachial-antecubital forearm loop as vascular access for hemodialysis. Journal of Vascular Surgery, 2008, 47, 395-401.	1.1	121
7	Reimbursement of Dialysis. Journal of the American Society of Nephrology: JASN, 2012, 23, 1291-1298.	6.1	121
8	Surgical or endovascular repair of thrombosed dialysis vascular access: Is there any evidence?. Journal of Vascular Surgery, 2009, 50, 953-956.	1.1	118
9	Inflammation, overhydration and cardiac biomarkers in haemodialysis patients: a longitudinal study. Nephrology Dialysis Transplantation, 2010, 25, 243-248.	0.7	98
10	Haemodialysis patients longitudinally assessed by highly sensitive cardiac troponin T and commercial cardiac troponin T and cardiac troponin I assays. Annals of Clinical Biochemistry, 2009, 46, 283-290.	1.6	96
11	Acute Hemodynamic Response and Uremic Toxin Removal inÂConventional and Extended Hemodialysis and Hemodiafiltration: A Randomized Crossover Study. American Journal of Kidney Diseases, 2014, 64, 247-256.	1.9	87
12	Study on the relationship of serum fetuin-A concentration with aortic stiffness in patients on dialysis. Nephrology Dialysis Transplantation, 2006, 21, 1293-1299.	0.7	82
13	The Relation Between Vascular Access Flow and Different Types of Vascular Access With Systemic Hemodynamics in Hemodialysis Patients.. Artificial Organs, 2005, 29, 960-964.	1.9	77
14	Pre-dilution on-line haemofiltration vs low-flux haemodialysis: a randomized prospective study. Nephrology Dialysis Transplantation, 2005, 20, 1155-1163.	0.7	77
15	Out of control: accelerated aging in uremia. Nephrology Dialysis Transplantation, 2013, 28, 48-54.	0.7	72
16	Peritoneal dialysis catheter placement technique and complications. CKJ: Clinical Kidney Journal, 2008, 1, iv23-iv28.	2.9	64
17	Reference Values for Multifrequency Bioimpedance Analysis in Dialysis Patients. Blood Purification, 2004, 22, 301-306.	1.8	62
18	Control of Core Temperature and Blood Pressure Stability during Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 93-98.	4.5	59

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19	Cannulation and vascular accessâ€related complications in hemodialysis: Factors determining successful cannulation. Hemodialysis International, 2009, 13, 498-504.	0.9	58
20	Seasonal Variations in Mortality, Clinical, and Laboratory Parameters in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 108-115.	4.5	58
21	Arterial wall properties in patients with renal failure. American Journal of Kidney Diseases, 2002, 39, 1206-1212.	1.9	56
22	Comparison of Outcomes on Continuous Ambulatory Peritoneal Dialysis versus Automated Peritoneal Dialysis: Results from a USA Database. Peritoneal Dialysis International, 2011, 31, 679-684.	2.3	54
23	Interdialytic weight gain, systolic blood pressure, serum albumin, and C-reactive protein levels change in chronic dialysis patients prior to death. Kidney International, 2013, 84, 149-157.	5.2	53
24	Evaluation of 4-mm to 7-mm versus 6-mm prosthetic brachial-antecubital forearm loop access for hemodialysis: results of a randomized multicenter clinical trial. Journal of Vascular Surgery, 2003, 37, 143-148.	1.1	48
25	The effect of sodium profiling and feedback technologies on plasma conductivity and ionic mass balance: a study in hypotension-prone dialysis patients. Nephrology Dialysis Transplantation, 2006, 21, 138-144.	0.7	47
26	Critical Evaluation of Blood Volume Measurements during Hemodialysis. Blood Purification, 2012, 33, 177-182.	1.8	45
27	Editorials: Sodium Balance in Hemodialysis Therapy. Seminars in Dialysis, 2003, 16, 351-355.	1.3	43
28	N Â-(carboxymethyl)lysine, N Â-(carboxyethyl)lysine and vascular cell adhesion molecule-1 (VCAM-1) in relation to peritoneal glucose prescription and residual renal function; a study in peritoneal dialysis patients. Nephrology Dialysis Transplantation, 2004, 19, 910-916.	0.7	43
29	Diameter measurements of the forearm cephalic vein prior to vascular access creation in end-stage renal disease patients: graduated pressure cuff versus tourniquet vessel dilatation. Nephrology Dialysis Transplantation, 2006, 21, 802-806.	0.7	43
30	An evaluation of blood volume changes during ultrafiltration pulses and natriuretic peptides in the assessment of dry weight in hemodialysis patients. Hemodialysis International, 2007, 11, 51-61.	0.9	40
31	Impact of a quality improvement programme based on vascular access flow monitoring on costs, access occlusion and access failure. Nephrology Dialysis Transplantation, 2006, 21, 3514-3519.	0.7	39
32	Effect of Ultrafiltration on Thermal Variables, Skin Temperature, Skin Blood Flow, and Energy Expenditure during Ultrapure Hemodialysis. Journal of the American Society of Nephrology: JASN, 2005, 16, 1824-1831.	6.1	38
33	Physical Activity in End-Stage Renal Disease Patients: The Effects of Starting Dialysis in the First 6 Months after the Transition Period. Nephron, 2017, 137, 47-56.	1.8	38
34	Insight Into Advance Care Planning for Patients on Dialysis. Journal of Pain and Symptom Management, 2013, 45, 104-113.	1.2	37
35	Role of Sodium and Volume in the Pathogenesis of Hypertension in Dialysis Patients. Blood Purification, 2004, 22, 55-59.	1.8	34
36	Excellent performance of one-stage brachialâ€“basilic arteriovenous fistula. Nephrology Dialysis Transplantation, 2005, 20, 2168-2171.	0.7	34

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37	Prospective study on clinical effects of renal replacement therapy in treatment-resistant congestive heart failure. Nephrology Dialysis Transplantation, 2012, 27, 2794-2799.	0.7	33
38	CANNULATION PRACTICE PATTERNS IN HAEMODIALYSIS VASCULAR ACCESS: PREDICTORS FOR UNSUCCESSFUL CANNULATION. Journal of Renal Care, 2009, 35, 82-89.	1.2	32
39	Comparison Between Two On-Line Reversed Line Position Hemodialysis Vascular Access Flow Measurement Techniques: Saline Dilution and Thermodilution. ASAIO Journal, 2006, 52, 410-415.	1.6	30
40	End-Stage Renal Disease Patients Lose a Substantial Amount of Amino Acids during Hemodialysis. Journal of Nutrition, 2020, 150, 1160-1166.	2.9	30
41	Quality of Life in Dialysis Patients: A Retrospective Cohort Study. Nephron, 2015, 130, 105-112.	1.8	28
42	Haemodynamics and electrolyte balance: a comparison between on-line pre-dilution haemofiltration and haemodialysis. Nephrology Dialysis Transplantation, 2004, 19, 2354-2359.	0.7	27
43	A Comparison between the Soluble Transferrin Receptor, Transferrin Saturation and Serum Ferritin as Markers of Iron State in Hemodialysis Patients. Nephron, 2002, 92, 32-35.	1.8	26
44	Ionic dialysance and the assessment of Kt/V: the influence of different estimates of V on method agreement. Nephrology Dialysis Transplantation, 2007, 22, 2276-2282.	0.7	24
45	Dynamics of hospitalizations in hemodialysis patients: results from a large US provider. Nephrology Dialysis Transplantation, 2014, 29, 442-448.	0.7	24
46	Dietary Protein and Physical Activity Interventions to Support Muscle Maintenance in End-Stage Renal Disease Patients on Hemodialysis. Nutrients, 2019, 11, 2972.	4.1	23
47	Nitric Oxide Synthetic Capacity in Relation to Dialysate Temperature. Blood Purification, 2004, 22, 203-209.	1.8	22
48	Peritoneal dialysis in patients with congestive heart failure. Nephrology Dialysis Transplantation, 2006, 21, ii63-ii66.	0.7	22
49	Thermal energy balance and body temperature: comparison between isolated ultrafiltration and haemodialysis at different dialysate temperatures. Nephrology Dialysis Transplantation, 1999, 14, 2196-2200.	0.7	21
50	The Predictive Value of C-Reactive Protein in End-Stage Renal Disease: Is It Clinically Significant?. Blood Purification, 2006, 24, 335-341.	1.8	19
51	Wet or Dry in Dialysisâ€"Can New Technologies Help?. Seminars in Dialysis, 2009, 22, 9-12.	1.3	19
52	Renal Replacement Therapy in Geriatric End-Stage Renal Disease Patients: A Clinical Approach. Blood Purification, 2012, 33, 171-176.	1.8	19
53	Monitoring Dialysis Outcomes across the World - The MONDO Global Database Consortium. Blood Purification, 2013, 36, 165-172.	1.8	19
54	Relation between trends in body temperature and outcome in incident hemodialysis patients. Nephrology Dialysis Transplantation, 2012, 27, 3255-3263.	0.7	18

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55	Circadian variations in body temperature during dialysis. Nephrology Dialysis Transplantation, 2012, 27, 1139-1144.	0.7	18
56	Sodium, blood pressure and cardiovascular pathology: is it all volaemia?. Nephrology Dialysis Transplantation, 2004, 19, 1046-1049.	0.7	17
57	Fluid State and Blood Pressure Control. ASAIO Journal, 2012, 58, 132-136.	1.6	17
58	Antiangiogenic factors and maternal hemodynamics during intensive hemodialysis in pregnancy. Hemodialysis International, 2013, 17, 639-643.	0.9	17
59	HYPERTENSION IN HEMODIALYSIS PATIENTS: Noncardiac Consequences of Hypertension in Hemodialysis Patients. Seminars in Dialysis, 2004, 17, 304-306.	1.3	16
60	Magnetic resonance angiographic assessment of upper extremity vessels prior to vascular access surgery: feasibility and accuracy. European Radiology, 2008, 18, 158-167.	4.5	14
61	Can Intensive Hemodialysis Prevent Loss of Functionality in the Elderly ESRD Patient?. Seminars in Dialysis, 2011, 24, 645-652.	1.3	13
62	Â‘Time and Time AgainÂ’: Oscillatory and Longitudinal Time Patterns in Dialysis Patients. Kidney and Blood Pressure Research, 2012, 35, 534-548.	2.0	13
63	Bortezomib-associated fatal liver failure in a haemodialysis patient with multiple myeloma. Clinical Toxicology, 2012, 50, 444-445.	1.9	12
64	Acute pyelonephritis: a cause of acute renal failure?. Netherlands Journal of Medicine, 2000, 57, 185-189.	0.5	10
65	The Long Road to Wearable Blood-Cleansing Devices. Blood Purification, 2007, 25, 377-382.	1.8	10
66	Amino acid removal during hemodialysis can be compensated for by protein ingestion and is not compromised by intradialytic exercise: a randomized controlled crossover trial. American Journal of Clinical Nutrition, 2021, 114, 2074-2083.	4.7	10
67	Determinants of Arterial Distensibility in Patients with Renal Failure. Nephron Physiology, 2003, 95, p43-p48.	1.2	8
68	C-reactive protein levels in dialysis patients are highly variable and strongly related to co-morbidity. Nephrology Dialysis Transplantation, 2003, 18, 221-221.	0.7	8
69	Mathematical Modeling of Thermal and Circulatory Effects During Hemodialysis. Artificial Organs, 2012, 36, 797-811.	1.9	8
70	Accelerated or Out of Control: The Final Months on Dialysis. , 2014, 24, 357-363.		8
71	On-Line Filtration Therapies: Emerging Horizons. Blood Purification, 2006, 24, 159-162.	1.8	7
72	Timing and Reproducibility of Access Flow Measurements Using Extracorporeal Temperature Gradients. ASAIO Journal, 2007, 53, 469-473.	1.6	7

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73	Brachial artery thrombosis due to haemodialysis arteriovenous fistula. Nephrology Dialysis Transplantation, 2006, 21, 829-830.	0.7	6
74	Is There a Competition Between UrineVolume and Peritoneal Ultrafiltration in Peritoneal Dialysis Patients?. , 2006, 150, 111-118.		6
75	Education of ESRD patients on dialysis modality selection: 'intensive haemodialysis first'. Nephrology Dialysis Transplantation, 2010, 25, 3129-3130.	0.7	6
76	Intensive Hemodialysis in the (Nursing) Home: the Bright Side of Geriatric ESRD Care?. Seminars in Dialysis, 2012, 25, 605-610.	1.3	6
77	Balancing transition to dialysis: the urgent need for more intensive hemodialysis. Kidney International, 2013, 83, 967-968.	5.2	6
78	From Isolated Ultrafiltration to Blood-Temperature-Controlled Feedback: An Odyssey Started by Jonas BergstrÃ¶m. Blood Purification, 2006, 24, 218-221.	1.8	5
79	Haemodialysis and thermoregulation. Nephrology Dialysis Transplantation, 2006, 21, 1450-1451.	0.7	5
80	Clinical Implications of Seasonal Variations in Hemodialysis Patients. Blood Purification, 2008, 26, 193-195.	1.8	4
81	RENAL RESEARCH INSTITUTE SYMPOSIUM: A System of Quality Management in Dialysis. Seminars in Dialysis, 2003, 16, 453-457.	1.3	3
82	Clinical effects of icodextrin in peritoneal dialysis. CKJ: Clinical Kidney Journal, 2008, 1, iv18-iv22.	2.9	3
83	Vascular access recirculation: setting a new detection method in the context of the overall utility of detection. Nature Clinical Practice Nephrology, 2007, 3, 252-253.	2.0	2
84	Intensive home hemodialysis: the best treatment in the best system. Nephrology Dialysis Transplantation, 2011, 26, 3067-3068.	0.7	2
85	Is there also a critical BV for minor intra-dialytic complaints?. Nephrology Dialysis Transplantation, 2004, 19, 750-750.	0.7	0
86	Renal allograft failure related to a lower extremity vascular access--a case report. Nephrology Dialysis Transplantation, 2006, 21, 3583-3584.	0.7	0
87	Effect of online haemodialysis vascular access flow evaluation and pre-emptive intervention on the frequency of access thrombosis. CKJ: Clinical Kidney Journal, 2008, 1, 279-284.	2.9	0
88	Different treatment options in peritoneal dialysis. CKJ: Clinical Kidney Journal, 2008, 1, iv14-iv17.	2.9	0