James O Burton

List of Publications by Year
in descending order

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107 papers	4,086 citations	159585 30 h-index	123424 61 g-index
109 all docs	109 docs citations	109 times ranked	4071 citing authors

#	Article	IF	Citations
1	A Comparison of Dietary Intake Between Individuals Undergoing Maintenance Hemodialysis in the United Kingdom and China. , 2022, 32, 224-233.		6
2	Circulating endotoxin and inflammation: associations with fitness, physical activity and the effect of a 6-month programme of cycling exercise during haemodialysis. Nephrology Dialysis Transplantation, 2022, 37, 366-374.	0.7	4
3	A multicenter feasibility randomized controlled trial to assess the impact of incremental versus conventional initiation of hemodialysis on residual kidney function. Kidney International, 2022, 101, 615-625.	5.2	31
4	Aspirin for the primary prevention of cardiovascular disease in individuals with chronic kidney disease: a systematic review and meta-analysis. European Journal of Preventive Cardiology, 2022, 28, 1953-1960.	1.8	10
5	Novel approach to unpleasant symptom clusters surrounding pruritus in patients with chronic kidney disease and on dialysis therapy. Current Opinion in Nephrology and Hypertension, 2022, 31, 63-71.	2.0	10
6	Intradialytic cycling does not exacerbate microparticles or circulating markers of systemic inflammation in haemodialysis patients. European Journal of Applied Physiology, 2022, 122, 599-609.	2.5	3
7	Peritoneal Dialysis and the Role of Exercise Training Interventions. Kidney and Dialysis, 2022, 2, 57-67.	1.0	2
8	Clinical practice guideline exercise and lifestyle in chronic kidney disease. BMC Nephrology, 2022, 23, 75.	1.8	69
9	The Impact of Falls: A Qualitative Study of the Experiences of People Receiving Haemodialysis. International Journal of Environmental Research and Public Health, 2022, 19, 3873.	2.6	3
10	Evaluation of the design, conduct and reporting of randomised controlled trials in the haemodialysis population: a scoping review and interview study. BMJ Open, 2022, 12, e058368.	1.9	6
11	Associations between physical activity levels and renal recovery following acute kidney injury stage 3: a feasibility study. BMC Nephrology, 2022, 23, 140.	1.8	1
12	Measuring quality of life in trials including patients on haemodialysis: methodological issues surrounding the use of the Kidney Disease Quality of Life Questionnaire. Nephrology Dialysis Transplantation, 2022, 37, 2538-2554.	0.7	1
13	The Effect of Non-Pharmacological and Pharmacological Interventions on Measures Associated with Sarcopenia in End-Stage Kidney Disease: A Systematic Review and Meta-Analysis. Nutrients, 2022, 14, 1817.	4.1	12
14	Risk factors associated with COVID-19 severity among patients on maintenance haemodialysis: a retrospective multicentre cross-sectional study in the UK. BMJ Open, 2022, 12, e054869.	1.9	4
15	Living Well With Kidney Disease and Effective Symptom Management: Consensus Conference Proceedings. Kidney International Reports, 2022, 7, 1951-1963.	0.8	12
16	An international Delphi consensus regarding best practice recommendations for hyperkalaemia across the cardiorenal spectrum. European Journal of Heart Failure, 2022, 24, 1467-1477.	7.1	10
17	The cardiovascular determinants of physical function in patients with end-stage kidney disease on haemodialysis. International Journal of Cardiovascular Imaging, 2021, 37, 1405-1414.	1.5	2
18	Recent advances in treatment of haemodialysis. Journal of the Royal Society of Medicine, 2021, 114, 30-37.	2.0	1

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19	The PrEscription of intraDialytic exercise to improve quAlity of Life in patients with chronic kidney disease trial: study design and baseline data for a multicentre randomized controlled trial. CKJ: Clinical Kidney Journal, 2021, 14, 1345-1355.	2.9	10
20	Prevalence and correlates of physical activity across kidney disease stages: an observational multicentre study. Nephrology Dialysis Transplantation, 2021, 36, 641-649.	0.7	75
21	â€œTo take or not to take an aspirin?â€•The age-old question of cardiovascular disease primary prevention for people with chronic kidney disease. Kidney International, 2021, 99, 308-310.	5.2	2
22	Resolution of warfarin-induced alopecia with conversion to apixaban. BMJ Case Reports, 2021, 14, e240579.	0.5	0
23	Perceptions of exercise benefits and barriers: the influence on physical activity behaviour in individuals undergoing haemodialysis and peritoneal dialysis. Journal of Nephrology, 2021, 34, 1961-1971.	2.0	10
24	A Cost-Effective Analysis of the CYCLE-HD Randomized Controlled Trial. Kidney International Reports, 2021, 6, 1548-1557.	0.8	10
25	A randomized controlled trial to investigate the effects of intra-dialytic cycling on left ventricular mass. Kidney International, 2021, 99, 1478-1486.	5.2	38
26	Seroprevalence of antibody to S1 spike protein following vaccination against COVID-19 in patients receiving hemodialysis: a call to arms. Kidney International, 2021, 99, 1492-1494.	5.2	50
27	Exercise programme to improve quality of life for patients with end-stage kidney disease receiving haemodialysis: the PEDAL RCT. Health Technology Assessment, 2021, 25, 1-52.	2.8	19
28	Evaluating the clinical experience of a regional inâ€¢center nocturnal hemodialysis program: The patient and staff perspective. Hemodialysis International, 2021, 25, 447-456.	0.9	4
29	Differences in native T1 and native T2 mapping between patients on hemodialysis and control subjects. European Journal of Radiology, 2021, 140, 109748.	2.6	6
30	A multicenter randomized controlled trial indicatesÂthat paclitaxel-coated balloons provideÂno benefit for arteriovenous fistulas. Kidney International, 2021, 100, 447-456.	5.2	30
31	Randomized Trialâ€”PrEscription of intraDialytic exercise to improve quAlity of Life in Patients Receiving Hemodialysis. Kidney International Reports, 2021, 6, 2159-2170.	0.8	22
32	Measuring quality of life in trials including patients on dialysis: how are transplants and mortality incorporated into the analysis? A systematic review protocol. BMJ Open, 2021, 11, e048179.	1.9	2
33	Spinning the legs and blood: should intradialytic exercise be routinely offered during maintenance haemodialysis?. CKJ: Clinical Kidney Journal, 2021, 14, 1297-1300.	2.9	2
34	A pilot randomised controlled trial of a structured, home-based exercise programme on cardiovascular structure and function in kidney transplant recipients: the ECSERT study design and methods. BMJ Open, 2021, 11, e046945.	1.9	3
35	Is Exercise a Cost-Effective Intervention for People Receiving Hemodialysis? A Narrative Review. Translational Journal of the American College of Sports Medicine, 2021, 6, .	0.6	0
36	The Efficacy of Prebiotic, Probiotic, and Synbiotic Supplementation in Modulating Gut-Derived Circulatory Particles Associated With Cardiovascular Disease in Individuals Receiving Dialysis: A Systematic Review and Meta-analysis of Randomized Controlled Trials. , 2020, 30, 347-359.		17

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37	Inorganic Phosphate (Pi) Signaling in Endothelial Cells: A Molecular Basis for Generation of Endothelial Microvesicles in Uraemic Cardiovascular Disease. International Journal of Molecular Sciences, 2020, 21, 6993.	4.1	8
38	Exercise for people living with frailty and receiving haemodialysis: a mixed-methods randomised controlled feasibility study. BMJ Open, 2020, 10, e041227.	1.9	16
39	Hyperphosphatemia Drives Procoagulant Microvesicle Generation in the Rat Partial Nephrectomy Model of CKD. Journal of Clinical Medicine, 2020, 9, 3534.	2.4	8
40	Impact of incremental versus conventional initiation of haemodialysis on residual kidney function: study protocol for a multicentre feasibility randomised controlled trial. BMJ Open, 2020, 10, e035919.	1.9	7
41	Exercise as a therapeutic option for acute kidney injury: mechanisms and considerations for the design of future clinical studies. BMC Nephrology, 2020, 21, 446.	1.8	6
42	P0648LEVELS OF PHYSICAL ACTIVITY FOLLOWING AN EPISODE OF STAGE 3 AKI ARE ASSOCIATED WITH RENAL RECOVERY. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
43	The reliability and feasibility of non-contrast adenosine stress cardiovascular magnetic resonance T1 mapping in patients on haemodialysis. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 43.	3.3	8
44	Conversion of haemodialysis patients from iron sucrose to iron isomaltoside: a real-world experience. BMC Nephrology, 2020, 21, 212.	1.8	3
45	The effect of extendedâ€hours hemodialysis on outcomes: A systematic review and metaâ€analysis. Hemodialysis International, 2020, 24, 133-147.	0.9	6
46	A regional quality improvement project to improve the standards of care for people with diabetes who are on maintenance haemodialysis. Future Healthcare Journal, 2020, 7, s45-s46.	1.4	0
47	Renal Association Clinical Practice Guideline on Haemodialysis. BMC Nephrology, 2019, 20, 379.	1.8	129
48	Co-producing Progression Criteria for Feasibility Studies: A Partnership between Patient Contributors, Clinicians and Researchers. International Journal of Environmental Research and Public Health, 2019, 16, 3756.	2.6	19
49	The assessment of coronary artery disease in patients with end-stage renal disease. CKJ: Clinical Kidney Journal, 2019, 12, 721-734.	2.9	19
50	A comparison of the reproducibility of two cine-derived strain software programmes in disease states. European Journal of Radiology, 2019, 113, 51-58.	2.6	16
51	Reasons for Underreporting of Uremic Pruritus in People With Chronic Kidney Disease: A Qualitative Study. Journal of Pain and Symptom Management, 2019, 58, 578-586.e2.	1.2	28
52	Association of self-reported physical function with survival in patients with chronic kidney disease. CKJ: Clinical Kidney Journal, 2019, 12, 122-128.	2.9	16
53	Cardiovascular adaptations associated with exercise in patients on hemodialysis. Seminars in Dialysis, 2019, 32, 361-367.	1.3	7
54	Standardising the measurement of physical activity in people receiving haemodialysis: considerations for research and practice. BMC Nephrology, 2019, 20, 450.	1.8	7

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55	Effects of intradialytic cycling exercise on exercise capacity, quality of life, physical function and cardiovascular measures in adult haemodialysis patients: a systematic review and meta-analysis. Nephrology Dialysis Transplantation, 2018, 33, 1436-1445.	0.7	86
56	Implementing a theory-based intradialytic exercise programme in practice: a quality improvement project. CKJ: Clinical Kidney Journal, 2018, 11, 832-840.	2.9	16
57	The reproducibility of cardiac magnetic resonance imaging measures of aortic stiffness and their relationship to cardiac structure in prevalent haemodialysis patients. CKJ: Clinical Kidney Journal, 2018, 11, 864-873.	2.9	8
58	Renal association commentary on the KDIGO (2017) clinical practice guideline update for the diagnosis, evaluation, prevention, and treatment of CKD-MBD. BMC Nephrology, 2018, 19, 240.	1.8	13
59	Exercise during hemodialysis does not affect the phenotype or prothrombotic nature of microparticles but alters their proinflammatory function. Physiological Reports, 2018, 6, e13825.	1.7	8
60	Nocturnal hemodialysis. Current Opinion in Nephrology and Hypertension, 2018, 27, 472-477.	2.0	8
61	SÃ©zary Syndrome Presenting With Renal Involvement. American Journal of Kidney Diseases, 2018, 72, 890-894.	1.9	0
62	Vesicles bearing gifts: the functional importance of micro-RNA transfer in extracellular vesicles in chronic kidney disease. American Journal of Physiology - Renal Physiology, 2018, 315, F1430-F1443.	2.7	17
63	Microparticles and Exercise in Clinical Populations. Exercise Immunology Review, 2018, 24, 46-58.	0.4	12
64	â€˜There is nothing more deceptive than an obvious factâ€™: more evidence for the prescription of exercise during haemodialysis (intradialytic exercise) is still required. British Journal of Sports Medicine, 2017, 51, bjsports-2017-097542.	6.7	13
65	Cardiac Remodelling in Patients Undergoing in-Centre Nocturnal Haemodialysis: Results from the MIDNIGHT Study, a Non-Randomized Controlled Trial. Blood Purification, 2017, 44, 301-310.	1.8	16
66	The Potential Cardiovascular Benefits of Low-Glucose Degradation Product, Biocompatible Peritoneal Dialysis Fluids: A Review of the Literature. Peritoneal Dialysis International, 2017, 37, 375-383.	2.3	15
67	Potentially pathogenic circulating autoantibodies to cardiac troponin are present in hemodialysis patients. Hemodialysis International, 2017, 21, 519-523.	0.9	1
68	The importance of accurate measurement of aortic stiffness in patients with chronic kidney disease and end-stage renal disease. CKJ: Clinical Kidney Journal, 2017, 10, 503-515.	2.9	17
69	Regular exercise during haemodialysis promotes an anti-inflammatory leucocyte profile. CKJ: Clinical Kidney Journal, 2017, 10, 813-821.	2.9	22
70	Symptom burden in patients with chronic kidney disease not requiring renal replacement therapy. CKJ: Clinical Kidney Journal, 2017, 10, 788-796.	2.9	78
71	Novel cardiac nuclear magnetic resonance methodÂfor noninvasive assessment of myocardialÂfibrosis in hemodialysis patients. Kidney International, 2016, 90, 835-844.	5.2	62
72	Investigating the effects of 6â€…months extended duration, in-centre nocturnal versus conventional haemodialysis treatment: a non-randomised, controlled feasibility study. BMJ Open, 2016, 6, e012583.	1.9	2

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73	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 21.	3.3	50
74	Epicardial adipose tissue in patients with end-stage renal disease on haemodialysis. Current Opinion in Nephrology and Hypertension, 2015, 24, 517-524.	2.0	10
75	Patient and Staff Perceptions of Intradialytic Exercise before and after Implementation: A Qualitative Study. PLoS ONE, 2015, 10, e0128995.	2.5	34
76	A 4-month programme of in-centre nocturnal haemodialysis was associated with improvements in patient outcomes. CKJ: Clinical Kidney Journal, 2015, 8, 789-795.	2.9	17
77	The Impact of Exercising During Haemodialysis on Blood Pressure, Markers of Cardiac Injury and Systemic Inflammation - Preliminary Results of a Pilot Study. Kidney and Blood Pressure Research, 2015, 40, 593-604.	2.0	39
78	Establishing a Supportive Care Register Improves End-of-Life Care for Patients with Advanced Chronic Kidney Disease. Nephron, 2015, 129, 209-213.	1.8	2
79	Elevated Serum Free Pregnancy-Associated Plasma Protein-A Independently Predicts Mortality in Haemodialysis Patients but Is Not Associated with Recurrent Haemodialysis-Induced Ischaemic Myocardial Injury. Nephron, 2015, 129, 171-178.	1.8	5
80	Motivations and barriers to exercise in chronic kidney disease: a qualitative study. Nephrology Dialysis Transplantation, 2015, 30, 1885-1892.	0.7	76
81	Hyperphosphatemia, Phosphoprotein Phosphatases, and Microparticle Release in Vascular Endothelial Cells. Journal of the American Society of Nephrology: JASN, 2015, 26, 2152-2162.	6.1	54
82	A delayed case of radiation nephropathy. Kidney International, 2014, 86, 1063.	5.2	1
83	Dialysis. BMJ, The, 2014, 348, bmj.g2-bmj.g2.	6.0	0
84	Inflammatory Factors and Exercise in Chronic Kidney Disease. International Journal of Endocrinology, 2013, 2013, 1-12.	1.5	67
85	N-Terminal Pro-B-type Natriuretic Peptide and Its Correlation to Haemodialysis-Induced Myocardial Stunning. Nephron Clinical Practice, 2013, 123, 118-122.	2.3	6
86	Elevated Levels of Procoagulant Plasma Microvesicles in Dialysis Patients. PLoS ONE, 2013, 8, e72663.	2.5	49
87	Microparticles and their Roles in Inflammation: A ReviewÂ§. The Open Immunology Journal, 2013, 6, 1-14.	1.5	10
88	Association of anthropometric obesity measures with chronic kidney disease risk in a non-diabetic patient population. Nephrology Dialysis Transplantation, 2012, 27, 1860-1866.	0.7	60
89	Differences in Medical Care Usage between Two Mass-Gathering Sporting Events. Prehospital and Disaster Medicine, 2012, 27, 458-462.	1.3	15
90	Troponin T for the Detection of Dialysis-Induced Myocardial Stunning in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1285-1292.	4.5	57

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91	Sometimes when you hear hoof beats, it could be a zebra: consider the diagnosis of Fabry disease. BMC Nephrology, 2012, 13, 73.	1.8	3
92	Endotoxaemia in Haemodialysis: A Novel Factor in Erythropoetin Resistance?. PLoS ONE, 2012, 7, e40209.	2.5	9
93	EXERCISE IN KIDNEY DISEASE AND DIABETES: TIME FOR ACTION. Journal of Renal Care, 2012, 38, 52-58.	1.2	23
94	Monocyte- and Endothelial-Derived Microparticles Induce an Inflammatory Phenotype in Human Podocytes. Nephron Experimental Nephrology, 2011, 119, e58-e66.	2.2	48
95	Individualised Dialysate Temperature Improves Intradialytic Haemodynamics and Abrogates Haemodialysis-Induced Myocardial Stunning, without Compromising Tolerability. Blood Purification, 2011, 32, 63-68.	1.8	64
96	Circulating Endotoxemia. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 133-141.	4.5	388
97	Categorization of the hemodynamic response to hemodialysis: The importance of baroreflex sensitivity. Hemodialysis International, 2010, 14, 18-28.	0.9	68
98	Tissue-Advanced Glycation End Product Concentration in Dialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 51-55.	4.5	53
99	Hemodialysis-Induced Repetitive Myocardial Injury Results in Global and Segmental Reduction in Systolic Cardiac Function. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1925-1931.	4.5	327
100	Pediatric Myocardial Stunning Underscores the Cardiac Toxicity of Conventional Hemodialysis Treatments. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 790-797.	4.5	91
101	Hemodialysis-Induced Cardiac Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 914-920.	4.5	554
102	Cool dialysate reduces asymptomatic intradialytic hypotension and increases baroreflex variability. Hemodialysis International, 2009, 13, 189-196.	0.9	55
103	Higher arteriovenous fistulae blood flows are associated with a lower level of dialysisâ€induced cardiac injury. Hemodialysis International, 2009, 13, 505-511.	0.9	19
104	Hemodialysis-Induced Left Ventricular Dysfunction Is Associated with an Increase in Ventricular Arrhythmias. Renal Failure, 2008, 30, 701-709.	2.1	81
105	Hemodialysis-Induced Cardiac Dysfunction Is Associated with an Acute Reduction in Global and Segmental Myocardial Blood Flow. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 19-26.	4.5	376
106	The haemodynamic and metabolic effects of hypertonic-glucose and amino-acid-based peritoneal dialysis fluids. Nephrology Dialysis Transplantation, 2007, 22, 870-879.	0.7	44
107	Dialysis-Induced Regional Left Ventricular Dysfunction Is Ameliorated by Cooling the Dialysate. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 1216-1225.	4.5	146