

James O Burton

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hemodialysis-Induced Cardiac Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 914-920.	4.5	554
2	Circulating Endotoxemia. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 133-141.	4.5	388
3	Hemodialysis-Induced Cardiac Dysfunction Is Associated with an Acute Reduction in Global and Segmental Myocardial Blood Flow. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 19-26.	4.5	376
4	Hemodialysis-Induced Repetitive Myocardial Injury Results in Global and Segmental Reduction in Systolic Cardiac Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 1925-1931.	4.5	327
5	Dialysis-Induced Regional Left Ventricular Dysfunction Is Ameliorated by Cooling the Dialysate. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2006, 1, 1216-1225.	4.5	146
6	Renal Association Clinical Practice Guideline on Haemodialysis. <i>BMC Nephrology</i> , 2019, 20, 379.	1.8	129
7	Pediatric Myocardial Stunning Underscores the Cardiac Toxicity of Conventional Hemodialysis Treatments. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 790-797.	4.5	91
8	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. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1436-1445.	0.7	86
9	Hemodialysis-Induced Left Ventricular Dysfunction Is Associated with an Increase in Ventricular Arrhythmias. <i>Renal Failure</i> , 2008, 30, 701-709.	2.1	81
10	Symptom burden in patients with chronic kidney disease not requiring renal replacement therapy. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 788-796.	2.9	78
11	Motivations and barriers to exercise in chronic kidney disease: a qualitative study. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1885-1892.	0.7	76
12	Prevalence and correlates of physical activity across kidney disease stages: an observational multicentre study. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 641-649.	0.7	75
13	Clinical practice guideline exercise and lifestyle in chronic kidney disease. <i>BMC Nephrology</i> , 2022, 23, 75.	1.8	69
14	Categorization of the hemodynamic response to hemodialysis: The importance of baroreflex sensitivity. <i>Hemodialysis International</i> , 2010, 14, 18-28.	0.9	68
15	Inflammatory Factors and Exercise in Chronic Kidney Disease. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-12.	1.5	67
16	Individualised Dialysate Temperature Improves Intradialytic Haemodynamics and Abrogates Haemodialysis-Induced Myocardial Stunning, without Compromising Tolerability. <i>Blood Purification</i> , 2011, 32, 63-68.	1.8	64
17	Novel cardiac nuclear magnetic resonance method for noninvasive assessment of myocardial fibrosis in hemodialysis patients. <i>Kidney International</i> , 2016, 90, 835-844.	5.2	62
18	Association of anthropometric obesity measures with chronic kidney disease risk in a non-diabetic patient population. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1860-1866.	0.7	60

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19	Troponin T for the Detection of Dialysis-Induced Myocardial Stunning in Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1285-1292.	4.5	57
20	Cool dialysate reduces asymptomatic intradialytic hypotension and increases baroreflex variability. <i>Hemodialysis International</i> , 2009, 13, 189-196.	0.9	55
21	Hyperphosphatemia, Phosphoprotein Phosphatases, and Microparticle Release in Vascular Endothelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2152-2162.	6.1	54
22	Tissue-Advanced Glycation End Product Concentration in Dialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 51-55.	4.5	53
23	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 21.	3.3	50
24	Seroprevalence of antibody to S1 spike protein following vaccination against COVID-19 in patients receiving hemodialysis: a call to arms. <i>Kidney International</i> , 2021, 99, 1492-1494.	5.2	50
25	Elevated Levels of Procoagulant Plasma Microvesicles in Dialysis Patients. <i>PLoS ONE</i> , 2013, 8, e72663.	2.5	49
26	Monocyte- and Endothelial-Derived Microparticles Induce an Inflammatory Phenotype in Human Podocytes. <i>Nephron Experimental Nephrology</i> , 2011, 119, e58-e66.	2.2	48
27	The haemodynamic and metabolic effects of hypertonic-glucose and amino-acid-based peritoneal dialysis fluids. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 870-879.	0.7	44
28	The Impact of Exercising During Haemodialysis on Blood Pressure, Markers of Cardiac Injury and Systemic Inflammation - Preliminary Results of a Pilot Study. <i>Kidney and Blood Pressure Research</i> , 2015, 40, 593-604.	2.0	39
29	A randomized controlled trial to investigate the effects of intra-dialytic cycling on left ventricular mass. <i>Kidney International</i> , 2021, 99, 1478-1486.	5.2	38
30	Patient and Staff Perceptions of Intradialytic Exercise before and after Implementation: A Qualitative Study. <i>PLoS ONE</i> , 2015, 10, e0128995.	2.5	34
31	A multicenter feasibility randomized controlled trial to assess the impact of incremental versus conventional initiation of hemodialysis on residual kidney function. <i>Kidney International</i> , 2022, 101, 615-625.	5.2	31
32	A multicenter randomized controlled trial indicates that paclitaxel-coated balloons provide no benefit for arteriovenous fistulas. <i>Kidney International</i> , 2021, 100, 447-456.	5.2	30
33	Reasons for Underreporting of Uremic Pruritus in People With Chronic Kidney Disease: A Qualitative Study. <i>Journal of Pain and Symptom Management</i> , 2019, 58, 578-586.e2.	1.2	28
34	EXERCISE IN KIDNEY DISEASE AND DIABETES: TIME FOR ACTION. <i>Journal of Renal Care</i> , 2012, 38, 52-58.	1.2	23
35	Regular exercise during haemodialysis promotes an anti-inflammatory leucocyte profile. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 813-821.	2.9	22
36	Randomized Trial of Prescription of intraDialytic exercise to improve quALity of Life in Patients Receiving Hemodialysis. <i>Kidney International Reports</i> , 2021, 6, 2159-2170.	0.8	22

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37	Higher arteriovenous fistulae blood flows are associated with a lower level of dialysis-induced cardiac injury. <i>Hemodialysis International</i> , 2009, 13, 505-511.	0.9	19
38	Co-producing Progression Criteria for Feasibility Studies: A Partnership between Patient Contributors, Clinicians and Researchers. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3756.	2.6	19
39	The assessment of coronary artery disease in patients with end-stage renal disease. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 721-734.	2.9	19
40	Exercise programme to improve quality of life for patients with end-stage kidney disease receiving haemodialysis: the PEDAL RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-52.	2.8	19
41	A 4-month programme of in-centre nocturnal haemodialysis was associated with improvements in patient outcomes. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 789-795.	2.9	17
42	The importance of accurate measurement of aortic stiffness in patients with chronic kidney disease and end-stage renal disease. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 503-515.	2.9	17
43	Vesicles bearing gifts: the functional importance of micro-RNA transfer in extracellular vesicles in chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1430-F1443.	2.7	17
44	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
45	Cardiac Remodelling in Patients Undergoing in-Centre Nocturnal Haemodialysis: Results from the MIDNIGHT Study, a Non-Randomized Controlled Trial. <i>Blood Purification</i> , 2017, 44, 301-310.	1.8	16
46	Implementing a theory-based intradialytic exercise programme in practice: a quality improvement project. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 832-840.	2.9	16
47	A comparison of the reproducibility of two cine-derived strain software programmes in disease states. <i>European Journal of Radiology</i> , 2019, 113, 51-58.	2.6	16
48	Association of self-reported physical function with survival in patients with chronic kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 122-128.	2.9	16
49	Exercise for people living with frailty and receiving haemodialysis: a mixed-methods randomised controlled feasibility study. <i>BMJ Open</i> , 2020, 10, e041227.	1.9	16
50	Differences in Medical Care Usage between Two Mass-Gathering Sporting Events. <i>Prehospital and Disaster Medicine</i> , 2012, 27, 458-462.	1.3	15
51	The Potential Cardiovascular Benefits of Low-Glucose Degradation Product, Biocompatible Peritoneal Dialysis Fluids: A Review of the Literature. <i>Peritoneal Dialysis International</i> , 2017, 37, 375-383.	2.3	15
52	“There is nothing more deceptive than an obvious fact”™: more evidence for the prescription of exercise during haemodialysis (intradialytic exercise) is still required. <i>British Journal of Sports Medicine</i> , 2017, 51, bjsports-2017-097542.	6.7	13
53	Renal association commentary on the KDIGO (2017) clinical practice guideline update for the diagnosis, evaluation, prevention, and treatment of CKD-MBD. <i>BMC Nephrology</i> , 2018, 19, 240.	1.8	13
54	Microparticles and Exercise in Clinical Populations. <i>Exercise Immunology Review</i> , 2018, 24, 46-58.	0.4	12

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55	The Effect of Non-Pharmacological and Pharmacological Interventions on Measures Associated with Sarcopenia in End-Stage Kidney Disease: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 1817.	4.1	12
56	Living Well With Kidney Disease and Effective Symptom Management: Consensus Conference Proceedings. <i>Kidney International Reports</i> , 2022, 7, 1951-1963.	0.8	12
57	Epicardial adipose tissue in patients with end-stage renal disease on haemodialysis. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 517-524.	2.0	10
58	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. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1345-1355.	2.9	10
59	Perceptions of exercise benefits and barriers: the influence on physical activity behaviour in individuals undergoing haemodialysis and peritoneal dialysis. <i>Journal of Nephrology</i> , 2021, 34, 1961-1971.	2.0	10
60	A Cost-Effective Analysis of the CYCLE-HD Randomized Controlled Trial. <i>Kidney International Reports</i> , 2021, 6, 1548-1557.	0.8	10
61	Aspirin for the primary prevention of cardiovascular disease in individuals with chronic kidney disease: a systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 28, 1953-1960.	1.8	10
62	Microparticles and their Roles in Inflammation: A Review. <i>The Open Immunology Journal</i> , 2013, 6, 1-14.	1.5	10
63	Novel approach to unpleasant symptom clusters surrounding pruritus in patients with chronic kidney disease and on dialysis therapy. <i>Current Opinion in Nephrology and Hypertension</i> , 2022, 31, 63-71.	2.0	10
64	An international Delphi consensus regarding best practice recommendations for hyperkalaemia across the cardiorenal spectrum. <i>European Journal of Heart Failure</i> , 2022, 24, 1467-1477.	7.1	10
65	Endotoxaemia in Haemodialysis: A Novel Factor in Erythropoetin Resistance?. <i>PLoS ONE</i> , 2012, 7, e40209.	2.5	9
66	The reproducibility of cardiac magnetic resonance imaging measures of aortic stiffness and their relationship to cardiac structure in prevalent haemodialysis patients. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 864-873.	2.9	8
67	Exercise during hemodialysis does not affect the phenotype or prothrombotic nature of microparticles but alters their proinflammatory function. <i>Physiological Reports</i> , 2018, 6, e13825.	1.7	8
68	Nocturnal hemodialysis. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 472-477.	2.0	8
69	Inorganic Phosphate (Pi) Signaling in Endothelial Cells: A Molecular Basis for Generation of Endothelial Microvesicles in Uraemic Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6993.	4.1	8
70	Hyperphosphatemia Drives Procoagulant Microvesicle Generation in the Rat Partial Nephrectomy Model of CKD. <i>Journal of Clinical Medicine</i> , 2020, 9, 3534.	2.4	8
71	The reliability and feasibility of non-contrast adenosine stress cardiovascular magnetic resonance T1 mapping in patients on haemodialysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 43.	3.3	8
72	Cardiovascular adaptations associated with exercise in patients on hemodialysis. <i>Seminars in Dialysis</i> , 2019, 32, 361-367.	1.3	7

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73	Standardising the measurement of physical activity in people receiving haemodialysis: considerations for research and practice. <i>BMC Nephrology</i> , 2019, 20, 450.	1.8	7
74	Impact of incremental versus conventional initiation of haemodialysis on residual kidney function: study protocol for a multicentre feasibility randomised controlled trial. <i>BMJ Open</i> , 2020, 10, e035919.	1.9	7
75	N-Terminal Pro-B-type Natriuretic Peptide and Its Correlation to Haemodialysis-Induced Myocardial Stunning. <i>Nephron Clinical Practice</i> , 2013, 123, 118-122.	2.3	6
76	Exercise as a therapeutic option for acute kidney injury: mechanisms and considerations for the design of future clinical studies. <i>BMC Nephrology</i> , 2020, 21, 446.	1.8	6
77	The effect of extended hours hemodialysis on outcomes: A systematic review and meta-analysis. <i>Hemodialysis International</i> , 2020, 24, 133-147.	0.9	6
78	A Comparison of Dietary Intake Between Individuals Undergoing Maintenance Hemodialysis in the United Kingdom and China. , 2022, 32, 224-233.		6
79	Differences in native T1 and native T2 mapping between patients on hemodialysis and control subjects. <i>European Journal of Radiology</i> , 2021, 140, 109748.	2.6	6
80	Evaluation of the design, conduct and reporting of randomised controlled trials in the haemodialysis population: a scoping review and interview study. <i>BMJ Open</i> , 2022, 12, e058368.	1.9	6
81	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. <i>Nephron</i> , 2015, 129, 171-178.	1.8	5
82	Circulating endotoxin and inflammation: associations with fitness, physical activity and the effect of a 6-month programme of cycling exercise during haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 366-374.	0.7	4
83	Evaluating the clinical experience of a regional in-center nocturnal hemodialysis program: The patient and staff perspective. <i>Hemodialysis International</i> , 2021, 25, 447-456.	0.9	4
84	Risk factors associated with COVID-19 severity among patients on maintenance haemodialysis: a retrospective multicentre cross-sectional study in the UK. <i>BMJ Open</i> , 2022, 12, e054869.	1.9	4
85	Sometimes when you hear hoof beats, it could be a zebra: consider the diagnosis of Fabry disease. <i>BMC Nephrology</i> , 2012, 13, 73.	1.8	3
86	Conversion of haemodialysis patients from iron sucrose to iron isomaltoside: a real-world experience. <i>BMC Nephrology</i> , 2020, 21, 212.	1.8	3
87	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. <i>BMJ Open</i> , 2021, 11, e046945.	1.9	3
88	Intradialytic cycling does not exacerbate microparticles or circulating markers of systemic inflammation in haemodialysis patients. <i>European Journal of Applied Physiology</i> , 2022, 122, 599-609.	2.5	3
89	The Impact of Falls: A Qualitative Study of the Experiences of People Receiving Haemodialysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3873.	2.6	3
90	Establishing a Supportive Care Register Improves End-of-Life Care for Patients with Advanced Chronic Kidney Disease. <i>Nephron</i> , 2015, 129, 209-213.	1.8	2

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91	Investigating the effects of 6 months extended duration, in-centre nocturnal versus conventional haemodialysis treatment: a non-randomised, controlled feasibility study. <i>BMJ Open</i> , 2016, 6, e012583.	1.9	2
92	The cardiovascular determinants of physical function in patients with end-stage kidney disease on haemodialysis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1405-1414.	1.5	2
93	“To take or not to take an aspirin?” The age-old question of cardiovascular disease primary prevention for people with chronic kidney disease. <i>Kidney International</i> , 2021, 99, 308-310.	5.2	2
94	Measuring quality of life in trials including patients on dialysis: how are transplants and mortality incorporated into the analysis? A systematic review protocol. <i>BMJ Open</i> , 2021, 11, e048179.	1.9	2
95	Spinning the legs and blood: should intradialytic exercise be routinely offered during maintenance haemodialysis?. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1297-1300.	2.9	2
96	Peritoneal Dialysis and the Role of Exercise Training Interventions. <i>Kidney and Dialysis</i> , 2022, 2, 57-67.	1.0	2
97	A delayed case of radiation nephropathy. <i>Kidney International</i> , 2014, 86, 1063.	5.2	1
98	Potentially pathogenic circulating autoantibodies to cardiac troponin are present in hemodialysis patients. <i>Hemodialysis International</i> , 2017, 21, 519-523.	0.9	1
99	Recent advances in treatment of haemodialysis. <i>Journal of the Royal Society of Medicine</i> , 2021, 114, 30-37.	2.0	1
100	Associations between physical activity levels and renal recovery following acute kidney injury stage 3: a feasibility study. <i>BMC Nephrology</i> , 2022, 23, 140.	1.8	1
101	Measuring quality of life in trials including patients on haemodialysis: methodological issues surrounding the use of the Kidney Disease Quality of Life Questionnaire. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 2538-2554.	0.7	1
102	SÃ©zary Syndrome Presenting With Renal Involvement. <i>American Journal of Kidney Diseases</i> , 2018, 72, 890-894.	1.9	0
103	P0648LEVELS OF PHYSICAL ACTIVITY FOLLOWING AN EPISODE OF STAGE 3 AKI ARE ASSOCIATED WITH RENAL RECOVERY. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0
104	Resolution of warfarin-induced alopecia with conversion to apixaban. <i>BMJ Case Reports</i> , 2021, 14, e240579.	0.5	0
105	Dialysis. <i>BMJ, The</i> , 2014, 348, bmj.g2-bmj.g2.	6.0	0
106	A regional quality improvement project to improve the standards of care for people with diabetes who are on maintenance haemodialysis. <i>Future Healthcare Journal</i> , 2020, 7, s45-s46.	1.4	0
107	Is Exercise a Cost-Effective Intervention for People Receiving Hemodialysis? A Narrative Review. <i>Translational Journal of the American College of Sports Medicine</i> , 2021, 6, .	0.6	0