

# Cameron G Walker

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,667  
citations

331670

21  
h-index

302126

39  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the links between simulation modelling and construction production planning and control: a case study on the last planner system. <i>Production Planning and Control</i> , 2023, 34, 459-476.	8.8	4
2	A case study on the use of a conceptual modeling framework for construction simulation. <i>Simulation</i> , 2022, 98, 433-460.	1.8	3
3	Model averaging with the hybrid model: An asymptotic study and demonstration. <i>Statistical Methods in Medical Research</i> , 2022, 31, 658-672.	1.5	0
4	Impact of smoking on pain and function in rotator cuff repair: a prospective 5-year cohort follow-up of 1383 patients. <i>ANZ Journal of Surgery</i> , 2021, 91, 2153-2158.	0.7	2
5	Metrics for improving the management of Cloud environments – Load balancing using measures of Quality of Service, Service Level Agreement Violations and energy consumption. <i>Future Generation Computer Systems</i> , 2021, 123, 142-155.	7.5	10
6	A machine learning-based branch and price algorithm for a sampled vehicle routing problem. <i>OR Spectrum</i> , 2021, 43, 693-732.	3.4	12
7	Case study of the prediction of elective surgery durations in a New Zealand teaching hospital. <i>International Journal of Health Planning and Management</i> , 2020, 35, 1593-1605.	1.7	6
8	Embedding individualized machine learning prediction models for energy efficient VM consolidation within Cloud data centers. <i>Future Generation Computer Systems</i> , 2020, 106, 221-233.	7.5	34
9	Exploring trade-offs between staffing levels and turnaround time in a pathology laboratory using discrete event simulation. <i>International Journal of Health Planning and Management</i> , 2019, 34, e1119-e1134.	1.7	5
10	An interprofessional perspective on job satisfaction in the operating room: a review of the literature. <i>Journal of Interprofessional Care</i> , 2019, 33, 782-794.	1.7	20
11	The Activity-Entity-Impact Method: Understanding Bottleneck Behavior of Simulation Models Demonstrated by an Emergency Department Model. , 2019, , .		1
12	Physician rostering for workload balance. <i>Operations Research for Health Care</i> , 2019, 20, 1-10.	1.2	7
13	Evaluating the impact of optimization algorithms for patient transits dispatching using discrete event simulation. <i>Operations Research for Health Care</i> , 2018, 19, 134-155.	1.2	8
14	Satisfiability modulo theory (SMT) formulation for optimal scheduling of task graphs with communication delay. <i>Computers and Operations Research</i> , 2018, 89, 113-126.	4.0	13
15	Accounting for uncertainty in duplicate identification and group size judgements in mark-recapture distance sampling. <i>Methods in Ecology and Evolution</i> , 2018, 9, 354-362.	5.2	15
16	Energy-Efficient and SLA-Aware Virtual Machine Selection Algorithm for Dynamic Resource Allocation in Cloud Data Centers. , 2018, , .		10
17	Creating a Structurally Realistic Finite Element Geometric Model of a Cardiomyocyte to Study the Role of Cellular Architecture in Cardiomyocyte Systems Biology. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3
18	Optimal plate fixation of distal femoral fractures in the presence of a well fixed cemented hip arthroplasty femoral stem. <i>HIP International</i> , 2018, 28, 657-662.	1.7	2

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19	Early morphologic changes in trapeziometacarpal joint bones with osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1338-1344.	1.3	17
20	Implementing complex task allocation in a cytology lab via HCCM using Flexsim HC. <i>Simulation Modelling Practice and Theory</i> , 2018, 86, 139-154.	3.8	13
21	Integer programming for minimal perturbation problems in university course timetabling. <i>Annals of Operations Research</i> , 2017, 252, 283-304.	4.1	23
22	A Literature Review on Validated Simulations of the Surgical Services. <i>Journal of Medical Systems</i> , 2017, 41, 61.	3.6	3
23	A non-queue-based paradigm in Discrete-Event-Simulation modelling for construction operations. <i>Simulation Modelling Practice and Theory</i> , 2017, 77, 49-67.	3.8	14
24	Gender, ethnicity and smoking affect pain and function in patients with rotator cuff tears. <i>ANZ Journal of Surgery</i> , 2017, 87, 704-708.	0.7	13
25	Rostering general medicine physicians to balance workload across inpatient wards: a case study. <i>BMJ Innovations</i> , 2017, 3, 84-90.	1.7	3
26	Towards a conceptual modeling framework for construction simulation. , 2017, , .		3
27	Faster Cancer Treatment: Using timestamp data to improve patient journeys. <i>Healthcare</i> , 2016, 4, 252-258.	1.3	3
28	Pneumococcal vaccine impact on otitis media microbiology: A New Zealand cohort study before and after the introduction of PHiD-CV10 vaccine. <i>Vaccine</i> , 2016, 34, 3840-3847.	3.8	14
29	Passive mechanical properties of ovine rumen tissue. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2016, 17, 156-164.	2.1	1
30	Lower Extremity Lateral Skin Stretch Perception for Haptic Feedback. <i>IEEE Transactions on Haptics</i> , 2016, 9, 62-68.	2.7	19
31	Propionibacterium acnes in primary shoulder arthroplasty: rates of colonization, patient risk factors, and efficacy of perioperative prophylaxis. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 846-852.	2.6	79
32	Expert Elicitation Methods in Quantifying the Consequences of Acoustic Disturbance from Offshore Renewable Energy Developments. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 231-237.	1.6	5
33	The impact of beat-to-beat variability in optimising the acute hemodynamic response in cardiac resynchronisation therapy. <i>Clinical Trials and Regulatory Science in Cardiology</i> , 2015, 12, 18-22.	1.0	2
34	Examination of the Effects of Heterogeneous Organization of RyR Clusters, Myofibrils and Mitochondria on Ca <sup>2+</sup> Release Patterns in Cardiomyocytes. <i>PLoS Computational Biology</i> , 2015, 11, e1004417.	3.2	46
35	A conceptual modeling framework for discrete event simulation using hierarchical control structures. <i>Simulation Modelling Practice and Theory</i> , 2015, 56, 82-96.	3.8	46
36	Effects of precalving body condition score and prepartum feeding level on production, reproduction, and health parameters in pasture-based transition dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 7164-7182.	3.4	74

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37	Does adjustable-loop femoral cortical suspension loosen after anterior cruciate ligament reconstruction? A retrospective comparative study. <i>Knee</i> , 2015, 22, 304-308.	1.6	71
38	What is behind the ear drum? The microbiology of otitis media and the nasopharyngeal flora in children in the era of pneumococcal vaccination. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 300-306.	0.8	28
39	Towards Power Consumption Modeling for Servers at Scale. , 2015, , .		2
40	Improving Resource Efficiency in Internet CafÃ©s by Virtualization and Optimal User Allocation. , 2015, , .		0
41	Altered Load Transfer in the Pelvis in the Presence of Periprosthetic Osteolysis. <i>Journal of Biomechanical Engineering</i> , 2014, 136, .	1.3	5
42	Correlation of Pirani and Dimeglio Scores With Number of Ponseti Casts Required for Clubfoot Correction. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 639-642.	1.2	34
43	Complex Region Spatial Smoother (CRSS). <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 340-360.	1.7	33
44	Proximal Tibial Bone Density Is Preserved After Unicompartmental Knee Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1661-1669.	1.5	23
45	Finite element analysis of retroacetabular osteolytic defects following total hip replacement. <i>Journal of Biomechanics</i> , 2013, 46, 2529-2533.	2.1	9
46	Comparison of Functional Outcomes of Reverse Shoulder Arthroplasty with Those of Hemiarthroplasty in the Treatment of Cuff-Tear Arthropathy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 910-915.	3.0	65
47	Benchmarking and modeling disk-based storage tiers for practical storage design. <i>Performance Evaluation Review</i> , 2012, 40, 113-118.	0.6	4
48	Designing data storage tier using Integer Programming. , 2012, , .		3
49	Subcellular Structural Changes in Diabetic Cardiomyopathy and its Impact on Cardiac Cell Calcium Dynamics. <i>Biophysical Journal</i> , 2012, 102, 104a.	0.5	0
50	Visualization, Modeling, and Spatial Statistics of Mitochondrial Assembly in Adult Cardiomyocytes using Serial Block-Face Scanning Electron Microscopy. <i>Biophysical Journal</i> , 2012, 102, 142a.	0.5	1
51	Spinous process morphology: the effect of ageing through adulthood on spinous process size and relationship to sagittal alignment. <i>European Spine Journal</i> , 2012, 21, 1007-1012.	2.2	48
52	Measurement for Improving the Design of Commodity Archival Storage Tiers. , 2011, , .		0
53	Cardiac Excitation-Contraction Coupling Proteins: A 3D Spatial Analysis. <i>Biophysical Journal</i> , 2011, 100, 621a-622a.	0.5	0
54	The paediatric Bohler's angle and crucial angle of Gissane: a case series. <i>Journal of Orthopaedic Surgery and Research</i> , 2011, 6, 2.	2.3	15

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55	Benchmarking and modeling disk-based storage tiers for practical storage design. , 2011, , .		0
56	Robust benchmarking for archival storage tiers. , 2011, , .		5
57	SALSA â€” a spatially adaptive local smoothing algorithm. Journal of Statistical Computation and Simulation, 2011, 81, 179-191.	1.2	21
58	Femoral bone density changes after total hip arthroplasty with uncemented taper-design stem: a five year follow-up study. International Orthopaedics, 2010, 34, 783-787.	1.9	35
59	Core-Edge design of storage area networksâ€”A Single-edge formulation with problem-specific cuts. Computers and Operations Research, 2010, 37, 916-926.	4.0	5
60	Loss of Tibial Bone Density in Patients with Rotating- or Fixed-platform TKA. Clinical Orthopaedics and Related Research, 2010, 468, 775-781.	1.5	34
61	Functional anatomy of the lymphatics draining the skin: a detailed statistical analysis. Journal of Anatomy, 2010, 216, 344-355.	1.5	33
62	Stochastic modelling of cardiac cell structure. , 2010, 2010, 3257-60.		5
63	Ponseti Method Compared with Surgical Treatment of Clubfoot. Journal of Bone and Joint Surgery - Series A, 2010, 92, 270-278.	3.0	80
64	Attitudes to blood transfusion post arthroplasty surgery in the United Kingdom: A national survey. International Orthopaedics, 2008, 32, 325-329.	1.9	35
65	Quantitative CT-assisted osteodensitometry of femoral adaptive bone remodelling after uncemented total hip arthroplasty. International Orthopaedics, 2008, 32, 589-595.	1.9	15
66	Functional outcome of femoral peri prosthetic fracture and revision hip arthroplasty: A matchedâ€”pair study from the New Zealand Registry. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 79, 483-488.	3.3	69
67	Early Clubfoot Recurrence After Use of the Ponseti Method in a New Zealand Population. Journal of Bone and Joint Surgery - Series A, 2007, 89, 487-493.	3.0	132
68	A mixed-integer approach to Core-Edge design of storage area networks. Computers and Operations Research, 2007, 34, 2976-3000.	4.0	8
69	Inter-observer validation study of quantitative CT-osteodensitometry in total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2007, 127, 729-731.	2.4	8
70	Early Clubfoot Recurrence After Use of the Ponseti Method in a New Zealand Population. Journal of Bone and Joint Surgery - Series A, 2007, 89, 487-493.	3.0	75
71	COMPUTED TOMOGRAPHY ASSISTED OSTEODENSITOMETRY IN TOTAL HIP ARTHROPLASTY. ANZ Journal of Surgery, 2006, 76, 778-781.	0.7	6
72	Protecting local access telecommunications networks: Toward a minimum-cost solution. Telecommunication Systems, 2006, 33, 353-376.	2.5	1

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73	Accuracy of a computer-assisted navigation system for total knee replacement. Journal of Bone and Joint Surgery: British Volume, 2006, 88-B, 601-605.	3.4	96
74	Simultaneous disruption recovery of a train timetable and crew roster in real time. Computers and Operations Research, 2005, 32, 2077-2094.	4.0	97
75	Vertex-Transitive Non-Cayley Graphs with Arbitrarily Large Vertex-Stabilizer. Journal of Algebraic Combinatorics, 1998, 8, 29-38.	0.8	14
76	The Infinitude of 7-Arc-Transitive Graphs. Journal of Algebra, 1998, 208, 619-629.	0.7	14
77	Acute assessment services for patient flow assistance in hospital emergency departments. The Cochrane Library, 0, , .	2.8	1
78	Establishing a Link Between the Last Planner System and Simulation: A Conceptual Framework. , 0, , .		4