# Cameron G Walker

List of Publications by Year
in descending order

| 78 papers | 1,667 citations | 331670<br>21 h-index | 302126<br>39 g-index |
|---|---|---|---|
| 78 all docs | 78 docs citations | 78 times ranked | 1779 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | Simultaneous disruption recovery of a train timetable and crew roster in real time. Computers and Operations Research, 2005, 32, 2077-2094. | 4.0 | 97 |
| 3 | 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 |
| 4 | Ponseti Method Compared with Surgical Treatment of Clubfoot. Journal of Bone and Joint Surgery - Series A, 2010, 92, 270-278. | 3.0 | 80 |
| 5 | Propionibacterium acnes in primary shoulder arthroplasty: rates of colonization, patient risk factors, and efficacy of perioperative prophylaxis. Journal of Shoulder and Elbow Surgery, 2016, 25, 846-852. | 2.6 | 79 |
| 6 | 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 |
| 7 | Effects of precalving body condition score and prepartum feeding level on production, reproduction, and health parameters in pasture-based transition dairy cows. Journal of Dairy Science, 2015, 98, 7164-7182. | 3.4 | 74 |
| 8 | Does adjustable-loop femoral cortical suspension loosen after anterior cruciate ligament reconstruction? A retrospective comparative study. Knee, 2015, 22, 304-308. | 1.6 | 71 |
| 9 | 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 |
| 10 | Comparison of Functional Outcomes of Reverse Shoulder Arthroplasty with Those of Hemiarthroplasty in the Treatment of Cuff-Tear Arthropathy. Journal of Bone and Joint Surgery - Series A, 2013, 95, 910-915. | 3.0 | 65 |
| 11 | Spinous process morphology: the effect of ageing through adulthood on spinous process size and relationship to sagittal alignment. European Spine Journal, 2012, 21, 1007-1012. | 2.2 | 48 |
| 12 | Examination of the Effects of Heterogeneous Organization of RyR Clusters, Myofibrils and Mitochondria on Ca2+ Release Patterns in Cardiomyocytes. PLoS Computational Biology, 2015, 11, e1004417. | 3.2 | 46 |
| 13 | A conceptual modeling framework for discrete event simulation using hierarchical control structures. Simulation Modelling Practice and Theory, 2015, 56, 82-96. | 3.8 | 46 |
| 14 | Attitudes to blood transfusion post arthroplasty surgery in the United Kingdom: A national survey. International Orthopaedics, 2008, 32, 325-329. | 1.9 | 35 |
| 15 | 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 |
| 16 | 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 |
| 17 | Correlation of Pirani and Dimeglio Scores With Number of Ponseti Casts Required for Clubfoot Correction. Journal of Pediatric Orthopaedics, 2014, 34, 639-642. | 1.2 | 34 |
| 18 | Embedding individualized machine learning prediction models for energy efficient VM consolidation within Cloud data centers. Future Generation Computer Systems, 2020, 106, 221-233. | 7.5 | 34 |

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|---|---------|----|-----------|
| 19 | Functional anatomy of the lymphatics draining the skin: a detailed statistical analysis. Journal of Anatomy, 2010, 216, 344-355. | 1.5 | 33 |
| 20 | Complex Region Spatial Smoother (CReSS). Journal of Computational and Graphical Statistics, 2014, 23, 340-360. | 1.7 | 33 |
| 21 | What is behind the ear drum? The microbiology of otitis media and the nasopharyngeal flora in children in the era of pneumococcal vaccination. Journal of Paediatrics and Child Health, 2015, 51, 300-306. | 0.8 | 28 |
| 22 | Proximal Tibial Bone Density Is Preserved After Unicompartmental Knee Arthroplasty. Clinical Orthopaedics and Related Research, 2013, 471, 1661-1669. | 1.5 | 23 |
| 23 | Integer programming for minimal perturbation problems in university course timetabling. Annals of Operations Research, 2017, 252, 283-304. | 4.1 | 23 |
| 24 | SALSA â€" a spatially adaptive local smoothing algorithm. Journal of Statistical Computation and Simulation, 2011, 81, 179-191. | 1.2 | 21 |
| 25 | An interprofessional perspective on job satisfaction in the operating room: a review of the literature. Journal of Interprofessional Care, 2019, 33, 782-794. | 1.7 | 20 |
| 26 | Lower Extremity Lateral Skin Stretch Perception for Haptic Feedback. IEEE Transactions on Haptics, 2016, 9, 62-68. | 2.7 | 19 |
| 27 | Early morphologic changes in trapeziometacarpal joint bones with osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1338-1344. | 1.3 | 17 |
| 28 | Quantitative CT-assisted osteodensitometry of femoral adaptive bone remodelling after uncemented total hip arthroplasty. International Orthopaedics, 2008, 32, 589-595. | 1.9 | 15 |
| 29 | The paediatric Bohler's angle and crucial angle of Gissane: a case series. Journal of Orthopaedic Surgery and Research, 2011, 6, 2. | 2.3 | 15 |
| 30 | Accounting for uncertainty in duplicate identification and group size judgements in markâ€"recapture distance sampling. Methods in Ecology and Evolution, 2018, 9, 354-362. | 5.2 | 15 |
| 31 | Vertex-Transitive Non-Cayley Graphs with Arbitrarily Large Vertex-Stabilizer. Journal of Algebraic Combinatorics, 1998, 8, 29-38. | 0.8 | 14 |
| 32 | The Infinitude of 7-Arc-Transitive Graphs. Journal of Algebra, 1998, 208, 619-629. | 0.7 | 14 |
| 33 | Pneumococcal vaccine impact on otitis media microbiology: A New Zealand cohort study before and after the introduction of PHiD-CV10 vaccine. Vaccine, 2016, 34, 3840-3847. | 3.8 | 14 |
| 34 | A non-queue-based paradigm in Discrete-Event-Simulation modelling for construction operations. Simulation Modelling Practice and Theory, 2017, 77, 49-67. | 3.8 | 14 |
| 35 | Gender, ethnicity and smoking affect pain and function in patients with rotator cuff tears. ANZ Journal of Surgery, 2017, 87, 704-708. | 0.7 | 13 |
| 36 | Satisfiability modulo theory (SMT) formulation for optimal scheduling of task graphs with communication delay. Computers and Operations Research, 2018, 89, 113-126. | 4.0 | 13 |

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|---|---------|-----|-----------|
| 37 | Implementing complex task allocation in a cytology lab via HCCM using Flexsim HC. Simulation Modelling Practice and Theory, 2018, 86, 139-154. | 3.8 | 13 |
| 38 | A machine learning-based branch and price algorithm for a sampled vehicle routing problem. OR Spectrum, 2021, 43, 693-732. | 3.4 | 12 |
| 39 | Energy-Efficient and SLA-Aware Virtual Machine Selection Algorithm for Dynamic Resource Allocation in Cloud Data Centers. , 2018, , . | | 10 |
| 40 | Metrics for improving the management of Cloud environments â€" Load balancing using measures of Quality of Service, Service Level Agreement Violations and energy consumption. Future Generation Computer Systems, 2021, 123, 142-155. | 7.5 | 10 |
| 41 | Finite element analysis of retroacetabular osteolytic defects following total hip replacement. Journal of Biomechanics, 2013, 46, 2529-2533. | 2.1 | 9 |
| 42 | A mixed-integer approach to Core-Edge design of storage area networks. Computers and Operations Research, 2007, 34, 2976-3000. | 4.0 | 8 |
| 43 | 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 |
| 44 | Evaluating the impact of optimization algorithms for patient transits dispatching using discrete event simulation. Operations Research for Health Care, 2018, 19, 134-155. | 1.2 | 8 |
| 45 | Physician rostering for workload balance. Operations Research for Health Care, 2019, 20, 1-10. | 1.2 | 7 |
| 46 | COMPUTED TOMOGRAPHY ASSISTED OSTEODENSITOMETRY IN TOTAL HIP ARTHROPLASTY. ANZ Journal of Surgery, 2006, 76, 778-781. | 0.7 | 6 |
| 47 | Case study of the prediction of elective surgery durations in a New Zealand teaching hospital. International Journal of Health Planning and Management, 2020, 35, 1593-1605. | 1.7 | 6 |
| 48 | 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 |
| 49 | Stochastic modelling of cardiac cell structure. , 2010, 2010, 3257-60. | | 5 |
| 50 | Robust benchmarking for archival storage tiers. , 2011, , . | | 5 |
| 51 | Altered Load Transfer in the Pelvis in the Presence of Periprosthetic Osteolysis. Journal of Biomechanical Engineering, 2014, 136, . | 1.3 | 5 |
| 52 | Exploring tradeâ€offs between staffing levels and turnaround time in a pathology laboratory using discrete event simulation. International Journal of Health Planning and Management, 2019, 34, e1119-e1134. | 1.7 | 5 |
| 53 | Expert Elicitation Methods in Quantifying the Consequences of Acoustic Disturbance from Offshore Renewable Energy Developments. Advances in Experimental Medicine and Biology, 2016, 875, 231-237. | 1.6 | 5 |
| 54 | Benchmarking and modeling disk-based storage tiers for practical storage design. Performance Evaluation Review, 2012, 40, 113-118. | 0.6 | 4 |

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|---|---------|----|-----------|
| 55 | Exploring the links between simulation modelling and construction production planning and control: a case study on the last planner system. Production Planning and Control, 2023, 34, 459-476. | 8.8 | 4 |
| 56 | Establishing a Link Between the Last Planner System and Simulation: A Conceptual Framework. , 0, , . | | 4 |
| 57 | Designing data storage tier using Integer Programing. , 2012, , . | | 3 |
| 58 | Faster Cancer Treatment: Using timestamp data to improve patient journeys. Healthcare, 2016, 4, 252-258. | 1.3 | 3 |
| 59 | A Literature Review on Validated Simulations of the Surgical Services. Journal of Medical Systems, 2017, 41, 61. | 3.6 | 3 |
| 60 | Rostering general medicine physicians to balance workload across inpatient wards: a case study. BMJ Innovations, 2017, 3, 84-90. | 1.7 | 3 |
| 61 | Towards a conceptual modeling framework for construction simulation. , 2017, , . | | 3 |
| 62 | Creating a Structurally Realistic Finite Element Geometric Model of a Cardiomyocyte to Study the Role of Cellular Architecture in Cardiomyocyte Systems Biology. Journal of Visualized Experiments, 2018, , . | 0.3 | 3 |
| 63 | A case study on the use of a conceptual modeling framework for construction simulation. Simulation, 2022, 98, 433-460. | 1.8 | 3 |
| 64 | The impact of beat-to-beat variability in optimising the acute hemodynamic response in cardiac resynchronisation therapy. Clinical Trials and Regulatory Science in Cardiology, 2015, 12, 18-22. | 1.0 | 2 |
| 65 | Optimal plate fixation of distal femoral fractures in the presence of a well fixed cemented hip arthroplasty femoral stem. HIP International, 2018, 28, 657-662. | 1.7 | 2 |
| 66 | Impact of smoking on pain and function in rotator cuff repair: a prospective 5â€year cohort followâ€up of 1383 patients. ANZ Journal of Surgery, 2021, 91, 2153-2158. | 0.7 | 2 |
| 67 | Towards Power Consumption Modeling for Servers at Scale. , 2015, , . | | 2 |
| 68 | Protecting local access telecommunications networks: Toward a minimum-cost solution. Telecommunication Systems, 2006, 33, 353-376. | 2.5 | 1 |
| 69 | Visualization, Modeling, and Spatial Statistics of Mitochondrial Assembly in Adult Cardiomyocytes using Serial Block-Face Scanning Electron Microscopy. Biophysical Journal, 2012, 102, 142a. | 0.5 | 1 |
| 70 | Passive mechanical properties of ovine rumen tissue. International Journal for Computational Methods in Engineering Science and Mechanics, 2016, 17, 156-164. | 2.1 | 1 |
| 71 | The Activity-Entity-Impact Method: Understanding Bottleneck Behavior of Simulation Models Demonstrated by an Emergency Department Model. , 2019, , . | | 1 |
| 72 | Acute assessment services for patient flow assistance in hospital emergency departments. The Cochrane Library, 0, , . | 2.8 | 1 |

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| 73 | Measurement for Improving the Design of Commodity Archival Storage Tiers. , 2011, , . | | 0 |
| 74 | Cardiac Excitation-Contraction Coupling Proteins: A 3D Spatial Analysis. Biophysical Journal, 2011, 100, 621a-622a. | 0.5 | 0 |
| 75 | Benchmarking and modeling disk-based storage tiers for practical storage design. , 2011, , . | | 0 |
| 76 | Subcellular Structural Changes in Diabetic Cardiomyopathy and its Impact on Cardiac Cell Calcium Dynamics. Biophysical Journal, 2012, 102, 104a. | 0.5 | 0 |
| 77 | Model averaging with the hybrid model: An asymptotic study and demonstration. Statistical Methods in Medical Research, 2022, 31, 658-672. | 1.5 | 0 |
| 78 | Improving Resource Efficiency in Internet CafÃ©s by Virtualization and Optimal User Allocation. , 2015, , . | | 0 |