

Matthew L Costa

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,229
citations

218677

26
h-index

265206

42
g-index

105
all docs

105
docs citations

105
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical fixation with K-wires versus casting in adults with fracture of distal radius: DRAFFT2 multicentre randomised clinical trial. <i>BMJ, The</i> , 2022, 376, e068041.	6.0	8
2	Cemented or Uncemented Hemiarthroplasty for Intracapsular Hip Fracture. <i>New England Journal of Medicine</i> , 2022, 386, 521-530.	27.0	57
3	Moulded cast compared with K-wire fixation after manipulation of an acute dorsally displaced distal radius fracture: the DRAFFT 2 RCT. <i>Health Technology Assessment</i> , 2022, 26, 1-80.	2.8	2
4	Flexibility and resistance exercises versus usual care for improving pain and function after distal radius fracture in adults aged 50 years or over: protocol for the WISE randomised multicentre feasibility trial. <i>Pilot and Feasibility Studies</i> , 2022, 8, 55.	1.2	2
5	HIPGEN: a randomized, multicentre phase III study using intramuscular PLacenta-eXpanded stromal cells therapy for recovery following hip fracture arthroplasty. <i>Bone & Joint Open</i> , 2022, 3, 340-347.	2.6	2
6	P135 Lower limb muscle strength and balance in older adults with distal radius fracture: a systematic review. <i>Rheumatology</i> , 2022, 61, .	1.9	0
7	Economic outcomes associated with deep surgical site infection from lower limb fractures following major trauma. <i>Bone & Joint Open</i> , 2022, 3, 398-403.	2.6	3
8	Antimicrobial sutures for the prevention of surgical site infection. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	0
9	Cost-utility analysis of cast compared to removable brace in the management of adult patients with ankle fractures. <i>Bone & Joint Open</i> , 2022, 3, 455-462.	2.6	1
10	Hand and Wrist Trauma: Antimicrobials and Infection (HAWAII). <i>Bone & Joint Open</i> , 2022, 3, 529-535.	2.6	1
11	The findings of a surgical hip fracture trial were generalizable to the UK national hip fracture database. <i>Journal of Clinical Epidemiology</i> , 2021, 131, 141-151.	5.0	3
12	A randomized clinical trial of low dose single antibiotic-loaded cement versus high dose dual antibiotic-loaded cement in patients receiving a hip hemiarthroplasty after fracture: A protocol for the WHITE 8 COPAL study. <i>Bone & Joint Open</i> , 2021, 2, 72-78.	2.6	6
13	A multicentre, randomized, parallel group, superiority study to compare the clinical effectiveness and cost-effectiveness of external frame versus internal locking plate for complete articular pilon fracture fixation in adults. <i>Bone & Joint Open</i> , 2021, 2, 150-163.	2.6	10
14	Reamed intramedullary nailing versus circular frame external fixation for segmental tibial fractures (STIFF-F): a mixed methods feasibility study. <i>Pilot and Feasibility Studies</i> , 2021, 7, 93.	1.2	1
15	A feasibility study of standard dressings versus negative-pressure wound therapy in the treatment of adult patients having surgical incisions for hip fractures: the WHISH randomized controlled trial. <i>Bone and Joint Journal</i> , 2021, 103-B, 755-761.	4.4	13
16	Does performance-based remuneration improve outcomes in the treatment of hip fracture?. <i>Bone and Joint Journal</i> , 2021, 103-B, 881-887.	4.4	15
17	A qualitative study of parents' and their child's experience of a medial epicondyle fracture. <i>Bone & Joint Open</i> , 2021, 2, 359-364.	2.6	3
18	Suspected scaphoid injuries managed by MRI direct from the emergency department. <i>Bone & Joint Open</i> , 2021, 2, 447-453.	2.6	9

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19	Chronic pain with neuropathic characteristics after surgery for major trauma to the lower limb: prevalence, predictors, and association with pain severity, disability, and quality of life in the UK WHiST trial. <i>Bone and Joint Journal</i> , 2021, 103-B, 1047-1054.	4.4	16
20	Use of cast immobilisation versus removable brace in adults with an ankle fracture: multicentre randomised controlled trial. <i>BMJ, The</i> , 2021, 374, n1506.	6.0	13
21	Effect of Platelet-Rich Plasma Injection vs Sham Injection on Tendon Dysfunction in Patients With Chronic Midportion Achilles Tendinopathy. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 137.	7.4	41
22	Unattainable equipoise in randomized controlled trials. <i>Bone & Joint Open</i> , 2021, 2, 486-492.	2.6	2
23	Cost-effectiveness of surgery versus cast immobilization for adults with a bicortical fracture of the scaphoid waist. <i>Bone and Joint Journal</i> , 2021, 103-B, 1277-1283.	4.4	5
24	Trauma and orthopaedic research is being driven by priorities identified by patients, surgeons, and other key stakeholders. <i>Bone and Joint Journal</i> , 2021, 103-B, 1328-1330.	4.4	3
25	Predicting fracture outcomes from clinical registry data using artificial intelligence supplemented models for evidence-informed treatment (PRAISE) study protocol. <i>PLoS ONE</i> , 2021, 16, e0257361.	2.5	4
26	A feasibility study to assess the design of a multicentre randomized controlled trial of the clinical and cost-effectiveness of a caregiving intervention for people following hip fracture surgery. <i>Bone & Joint Open</i> , 2021, 2, 909-920.	2.6	5
27	Baseline quality of life in people with hip fracture: results from the multicentre WHiTE cohort study. <i>Bone and Joint Research</i> , 2020, 9, 468-476.	3.6	7
28	Surgery versus cast immobilisation for adults with a bicortical fracture of the scaphoid waist (SWIFFT): a pragmatic, multicentre, open-label, randomised superiority trial. <i>Lancet, The</i> , 2020, 396, 390-401.	13.7	62
29	Cost-utility analysis of standard dressing compared with incisional negative-pressure wound therapy among patients with closed surgical wounds following major trauma to the lower limb. <i>Bone and Joint Journal</i> , 2020, 102-B, 1072-1081.	4.4	11
30	The Orthopaedic Trauma Society classification of open fractures. <i>Bone and Joint Journal</i> , 2020, 102-B, 1469-1474.	4.4	15
31	Classification of open fractures: the need to modernize. <i>Bone and Joint Journal</i> , 2020, 102-B, 1431-1434.	4.4	12
32	Surgical site infection after hip fracture surgery. <i>Bone and Joint Research</i> , 2020, 9, 554-562.	3.6	18
33	Monitoring activity of hip injury patients (MoHIP): a sub-study of the World Hip Trauma Evaluation observational cohort study. <i>Pilot and Feasibility Studies</i> , 2020, 6, 70.	1.2	10
34	Woodcast versus standard casting material for the immobilization of nonoperatively treated distal radial fractures. <i>Bone and Joint Journal</i> , 2020, 102-B, 48-54.	4.4	6
35	Incisional Negative Pressure Wound Therapy After Surgery for Major Trauma-Related Fractures-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2344.	7.4	4
36	The PAT randomized clinical trial. <i>Bone and Joint Journal</i> , 2020, 102-B, 310-318.	4.4	31

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37	Plaster cast versus functional brace for non-surgical treatment of Achilles tendon rupture (UKSTAR): a multicentre randomised controlled trial and economic evaluation. <i>Lancet, The</i> , 2020, 395, 441-448.	13.7	41
38	Do Patients Care What Their X-rays Look Like?. <i>JAMA Network Open</i> , 2020, 3, e1919570.	5.9	2
39	Complications following hip fracture: Results from the World Hip Trauma Evaluation cohort study. <i>Injury</i> , 2020, 51, 1331-1336.	1.7	29
40	A multicentre prospective randomized equivalence trial of a soft bandage and immediate discharge versus current treatment with rigid immobilization for torus fractures of the distal radius in children. <i>Bone & Joint Open</i> , 2020, 1, 214-221.	2.6	12
41	Plaster cast versus functional bracing for Achilles tendon rupture: the UKSTAR RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-86.	2.8	10
42	Surgical fixation compared with cast immobilisation for adults with a bicortical fracture of the scaphoid waist: the SWIFFT RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-234.	2.8	11
43	Statistical and health economic analysis plan for a randomized controlled trial of surgical fixation with K-wires versus plaster casting in the treatment of dorsally displaced distal radius fractures: DRAFFT2. <i>Bone & Joint Open</i> , 2020, 1, 245-252.	2.6	6
44	Negative-pressure wound therapy compared with standard dressings following surgical treatment of major trauma to the lower limb: the WHIST RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-86.	2.8	10
45	A multicentre prospective randomized equivalence trial of a soft bandage and immediate discharge versus current treatment with rigid immobilization for torus fractures of the distal radius in children. <i>Bone & Joint Open</i> , 2020, 1, 214-221.	2.6	2
46	Statistical and health economic analysis plan for a randomized controlled trial of surgical fixation with K-wires versus plaster casting in the treatment of dorsally displaced distal radius fractures: DRAFFT2. <i>Bone & Joint Open</i> , 2020, 1, 245-252.	2.6	0
47	Platelet rich plasma versus placebo for the management of Achilles tendinopathy: protocol for the UK study of Achilles tendinopathy management (ATM) multi-centre randomised trial. <i>BMJ Open</i> , 2020, 10, e034076.	1.9	1
48	Statistical significance and p-values. <i>Bone and Joint Journal</i> , 2019, 101-B, 1179-1183.	4.4	3
49	Surgical fixation with K-wires versus plaster casting in the treatment of dorsally displaced distal radius fractures: protocol for Distal Radius Acute Fracture Fixation Trial 2 (DRAFFT 2). <i>BMJ Open</i> , 2019, 9, e028474.	1.9	10
50	Cast versus functional brace in the rehabilitation of patients with a rupture of the Achilles tendon: statistical analysis plan for the UK study of tendo Achilles rehabilitation (UK STAR) multi-centre randomised controlled trial. <i>Trials</i> , 2019, 20, 311.	1.6	1
51	Coding algorithms for defining Charlson and Elixhauser co-morbidities in Read-coded databases. <i>BMC Medical Research Methodology</i> , 2019, 19, 115.	3.1	65
52	Intramedullary nails versus distal locking plates for fracture of the distal femur: results from the Trial of Acute Femoral Fracture Fixation (TrAFFix) randomised feasibility study and process evaluation. <i>BMJ Open</i> , 2019, 9, e026810.	1.9	16
53	Total hip arthroplasty versus hemiarthroplasty for independently mobile older adults with intracapsular hip fractures. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 226.	1.9	28
54	Ankle injury rehabilitation (AIR): a feasibility randomised controlled trial comparing functional bracing to plaster cast in the treatment of adult ankle fractures. <i>Pilot and Feasibility Studies</i> , 2019, 5, 55.	1.2	4

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55	Wound Healing In Surgery for Trauma (WHIST): statistical analysis plan for a randomised controlled trial comparing standard wound management with negative pressure wound therapy. <i>Trials</i> , 2019, 20, 186.	1.6	11
56	Patient experience of long-term recovery after open fracture of the lower limb: a qualitative study using interviews in a community setting. <i>BMJ Open</i> , 2019, 9, e031261.	1.9	34
57	Research priorities for the management of broken bones of the upper limb in people over 50: a UK priority setting partnership with the James Lind Alliance. <i>BMJ Open</i> , 2019, 9, e030028.	1.9	17
58	Prescribing and adherence to bone protection medications following hip fracture in the United Kingdom. <i>Bone and Joint Journal</i> , 2019, 101-B, 1402-1407.	4.4	22
59	Knee Fix or Replace Trial (KFORT): a randomized controlled feasibility study. <i>Bone and Joint Journal</i> , 2019, 101-B, 1408-1415.	4.4	18
60	Progressive functional exercise versus best practice advice for adults aged 50 years or over after ankle fracture: protocol for a pilot randomised controlled trial in the UK - the Ankle Fracture Treatment: Enhancing Rehabilitation (AFTER) study. <i>BMJ Open</i> , 2019, 9, e030877.	1.9	8
61	Does This Patient Have Hip Osteoarthritis?. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2323.	7.4	30
62	Predicting patient-reported and objectively measured functional outcome 6 months after ankle fracture in people aged 60 years or over in the UK: prognostic model development and internal validation. <i>BMJ Open</i> , 2019, 9, e029813.	1.9	6
63	Retrograde intramedullary nail fixation compared with fixed-angle plate fixation for fracture of the distal femur: the TrAFFix feasibility RCT. <i>Health Technology Assessment</i> , 2019, 23, 1-132.	2.8	8
64	Randomised controlled trial of the sliding hip screw versus X-Bolt Dynamic Hip Plating System for the fixation of trochanteric fractures of the hip in adults: a protocol study for WHiTE 4 (WHiTE4). <i>BMJ Open</i> , 2018, 8, e019944.	1.9	12
65	Cast versus functional brace in the rehabilitation of patients treated for an ankle fracture: protocol for the UK study of ankle injury rehabilitation (AIR) multicentre randomised trial. <i>BMJ Open</i> , 2018, 8, e027242.	1.9	15
66	Comparison of hip function and quality of life of total hip arthroplasty and resurfacing arthroplasty in the treatment of young patients with arthritis of the hip joint at 5 years. <i>BMJ Open</i> , 2018, 8, e018849.	1.9	22
67	Research priorities in fragility fractures of the lower limb and pelvis: a UK priority setting partnership with the James Lind Alliance. <i>BMJ Open</i> , 2018, 8, e023301.	1.9	31
68	Participation in a trial in the emergency situation: a qualitative study of patient experience in the UK WOLLF trial. <i>Trials</i> , 2018, 19, 328.	1.6	10
69	Standard wound management versus negative-pressure wound therapy in the treatment of adult patients having surgical incisions for major trauma to the lower limb—a two-arm parallel group superiority randomised controlled trial: protocol for Wound Healing in Surgery for Trauma (WHIST). <i>BMJ Open</i> , 2018, 8, e022115.	1.9	12
70	Effect of Negative Pressure Wound Therapy vs Standard Wound Management on 12-Month Disability Among Adults With Severe Open Fracture of the Lower Limb. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 2280.	7.4	137
71	Intramedullary nail fixation versus locking plate fixation for adults with a fracture of the distal tibia: the UK FixDT RCT. <i>Health Technology Assessment</i> , 2018, 22, 1-148.	2.8	16
72	Negative-pressure wound therapy versus standard dressings for adults with an open lower limb fracture: the WOLLF RCT. <i>Health Technology Assessment</i> , 2018, 22, 1-162.	2.8	42

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73	Randomised controlled feasibility trial of standard wound management versus negative-pressure wound therapy in the treatment of adult patients having surgical incisions for hip fractures. <i>BMJ Open</i> , 2018, 8, e020632.	1.9	9
74	Effect of Locking Plate Fixation vs Intramedullary Nail Fixation on 6-Month Disability Among Adults With Displaced Fracture of the Distal Tibia. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1767.	7.4	55
75	Cast versus functional brace in the rehabilitation of patients treated non-operatively for a rupture of the Achilles tendon: protocol for the UK study of tendo achilles rehabilitation (UK STAR) multi-centre randomised trial. <i>BMJ Open</i> , 2017, 7, e019628.	1.9	6
76	A protocol for a feasibility randomised controlled trial to assess the difference between functional bracing and plaster cast for the treatment of ankle fractures. <i>Pilot and Feasibility Studies</i> , 2017, 3, 11.	1.2	3
77	A nationwide cohort study of slipped capital femoral epiphysis. <i>Archives of Disease in Childhood</i> , 2017, 102, 1132-1136.	1.9	51
78	Trial of Acute Femoral Fracture Fixation (TrAFFix): study protocol for a randomised controlled feasibility trial. <i>Trials</i> , 2017, 18, 538.	1.6	4
79	Has Metal-On-Metal Resurfacing Been a Cost-Effective Intervention for Health Care Providers?â€™A Registry Based Study. <i>PLoS ONE</i> , 2016, 11, e0165021.	2.5	2
80	Hospital case volume and outcomes for proximal femoral fractures in the USA: an observational study. <i>BMJ Open</i> , 2016, 6, e010743.	1.9	31
81	World Hip Trauma Evaluation (WHiTE): framework for embedded comprehensive cohort studies: TableÂ1. <i>BMJ Open</i> , 2016, 6, e011679.	1.9	43
82	Inequalities in use of total hip arthroplasty for hip fracture: population based study. <i>BMJ</i> , The, 2016, 353, i2021.	6.0	63
83	Scaphoid Waist Internal Fixation for Fractures Trial (SWIFFT) protocol: a pragmatic multi-centre randomised controlled trial of cast treatment versus surgical fixation for the treatment of bi-cortical, minimally displaced fractures of the scaphoid waist in adults. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 248.	1.9	25
84	A comparison of electronic and manual dynamometry and goniometry in patients with fracture of the distal radius and healthy participants. <i>Journal of Hand Therapy</i> , 2016, 29, 73-80.	1.5	7
85	Hip Fracture Surgery vs Elective Total Hip Replacement. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 941.	7.4	1
86	Biomarkers of early stage osteoarthritis, rheumatoid arthritis and musculoskeletal health. <i>Scientific Reports</i> , 2015, 5, 9259.	3.3	47
87	Protocol for a randomised controlled trial of standard wound management versus negative pressure wound therapy in the treatment of adult patients with an open fracture of the lower limb: UK Wound management of Open Lower Limb Fractures (UK WOLFF). <i>BMJ Open</i> , 2015, 5, e009087.	1.9	23
88	Evaluating recovery following hip fracture: a qualitative interview study of what is important to patients. <i>BMJ Open</i> , 2015, 5, e005406-e005406.	1.9	69
89	Measurement properties of the Disability Rating Index in patients undergoing hip replacement. <i>Rheumatology</i> , 2015, 54, 64-71.	1.9	15
90	UK Fixation of Distal Tibia Fractures (UK FixDT): protocol for a randomised controlled trial of â€˜lockingâ€™ plate fixation versus intramedullary nail fixation in the treatment of adult patients with a displaced fracture of the distal tibia. <i>BMJ Open</i> , 2015, 5, e009162.	1.9	11

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91	Total hip replacement and surface replacement for the treatment of pain and disability resulting from end-stage arthritis of the hip (review of technology appraisal guidance 2 and 44): systematic review and economic evaluation. Health Technology Assessment, 2015, 19, 1-668.	2.8	32
92	UK DRAFFT: a randomised controlled trial of percutaneous fixation with Kirschner wires versus volar locking-plate fixation in the treatment of adult patients with a dorsally displaced fracture of the distal radius. Health Technology Assessment, 2015, 19, 1-124.	2.8	72
93	Percutaneous fixation with Kirschner wires versus volar locking plate fixation in adults with dorsally displaced fracture of distal radius: randomised controlled trial. BMJ, The, 2014, 349, g4807-g4807.	6.0	167
94	Total hip arthroplasty versus resurfacing arthroplasty in the treatment of patients with arthritis of the hip joint: single centre, parallel group, assessor blinded, randomised controlled trial. BMJ, The, 2012, 344, e2147-e2147.	6.0	64
95	A systematic review of early rehabilitation methods following a rupture of the Achilles tendon. Physiotherapy, 2012, 98, 24-32.	0.4	46
96	The Achilles tendon total rupture score: a study of responsiveness, internal consistency and convergent validity on patients with acute Achilles tendon ruptures. Health and Quality of Life Outcomes, 2012, 10, 24.	2.4	57
97	The comprehensive cohort model in a pilot trial in orthopaedic trauma. BMC Medical Research Methodology, 2011, 11, 39.	3.1	14
98	UK DRAFFT - A randomised controlled trial of percutaneous fixation with kirschner wires versus volar locking-plate fixation in the treatment of adult patients with a dorsally displaced fracture of the distal radius. BMC Musculoskeletal Disorders, 2011, 12, 201.	1.9	22
99	In-Shoe Plantar Pressures Within Ankle-Foot Orthoses. American Journal of Sports Medicine, 2011, 39, 2679-2685.	4.2	13
100	Does teaching style matter? A randomised trial of group discussion versus lectures in orthopaedic undergraduate teaching. Medical Education, 2007, 41, 214-217.	2.1	100
101	The Effect of Achilles Tendon Lengthening on Ankle Dorsiflexion: A Cadaver Study. Foot and Ankle International, 2006, 27, 414-417.	2.3	46
102	The Long-Term Outcome of Tendon Lengthening for Chronic Achilles Tendon Pain. Foot and Ankle International, 2006, 27, 672-676.	2.3	24
103	Periarticular analgesia for postoperative pain following total hip replacement. The Cochrane Library, 0, , .	2.8	2
104	Periarticular analgesia for postoperative pain following total knee replacement. The Cochrane Library, 0, , .	2.8	0