

Kharma C Foucher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

898
citations

19
h-index

29
g-index

39
ext. papers

1,012
ext. citations

2.9
avg, IF

4.56
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 38 | Impact of step length asymmetry on walking energetics in women with hip Osteoarthritis: A pilot study. <i>Journal of Biomechanics</i> , 2021 , 129, 110862 | 2.9 | 1 |
| 37 | Walking energetics and abductor strength are associated with physical activity in older women with hip osteoarthritis. <i>Gait and Posture</i> , 2021 , 85, 151-156 | 2.6 | 1 |
| 36 | Aerobic capacity and fatigability are associated with activity levels in women with hip osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021 , 39, 1236-1244 | 3.8 | 2 |
| 35 | Strength and physical activity in osteoarthritis: The mediating role of kinesiophobia. <i>Journal of Orthopaedic Research</i> , 2021 , | 3.8 | 2 |
| 34 | Walking energetics and fatigue are associated with physical activity in people with knee osteoarthritis. <i>Clinical Biomechanics</i> , 2021 , 88, 105427 | 2.2 | 0 |
| 33 | Task-Specific Perturbation Training Improves the Recovery Stepping Responses by Women With Knee Osteoarthritis Following Laboratory-Induced Trips. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 663-669 | 2.8 | 3 |
| 32 | Static and dynamic abductor function are both associated with physical function 1 to 5 years after total hip arthroplasty. <i>Clinical Biomechanics</i> , 2019 , 67, 127-133 | 2.2 | 5 |
| 31 | Hip joint moments in symptomatic vs. asymptomatic people with mild radiographic hip osteoarthritis. <i>Journal of Biomechanics</i> , 2019 , 96, 109347 | 2.9 | 2 |
| 30 | Hypoesthesia after anterior cruciate ligament reconstruction: The relationship between proprioception and vibration perception deficits in individuals greater than one year post-surgery. <i>Knee</i> , 2019 , 26, 194-200 | 2.6 | 7 |
| 29 | Inter-joint coordination of kinematics and kinetics before and after total hip arthroplasty compared to asymptomatic subjects. <i>Journal of Biomechanics</i> , 2018 , 72, 180-186 | 2.9 | 11 |
| 28 | Hip abductor strength and fatigue are associated with activity levels more than 1 year after total hip replacement. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 1519-1525 | 3.8 | 3 |
| 27 | Sex specific associations between biomechanical recovery and clinical recovery after total hip arthroplasty. <i>Clinical Biomechanics</i> , 2018 , 59, 167-173 | 2.2 | 4 |
| 26 | Preoperative gait mechanics predict clinical response to total hip arthroplasty. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 366-376 | 3.8 | 10 |
| 25 | Sex-specific hip osteoarthritis-associated gait abnormalities: Alterations in dynamic hip abductor function differ in men and women. <i>Clinical Biomechanics</i> , 2017 , 48, 24-29 | 2.2 | 19 |
| 24 | Junior Investigators Thinking About Quitting Research: A Survey. <i>American Journal of Occupational Therapy</i> , 2017 , 71, 7102280010p1-7102280010p7 | 0.4 | 7 |
| 23 | Comparison of Antagonist Muscle Activity During Walking Between Total Knee Replacement and Control Subjects Using Unnormalized Electromyography. <i>Journal of Arthroplasty</i> , 2016 , 31, 1331-1339 | 4.4 | 12 |
| 22 | Acetabular Osteoarticular Allograft After Ewing Sarcoma Resection: A 15-Year Follow-up: A Case Report. <i>JBS Case Connector</i> , 2016 , 6, e89 | 0.4 | |

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| 21 | Gait abnormalities before and after total hip arthroplasty differ in men and women. <i>Journal of Biomechanics</i> , 2016 , 49, 3582-3586 | 2.9 | 19 |
| 20 | Identifying clinically meaningful benchmarks for gait improvement after total hip arthroplasty. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 88-96 | 3.8 | 25 |
| 19 | Preoperative factors associated with postoperative gait kinematics and kinetics after total hip arthroplasty. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 1685-94 | 6.2 | 27 |
| 18 | Are Harris hip scores and gait mechanics related before and after THA?. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 3452-61 | 2.2 | 24 |
| 17 | Improvement in knee loading after use of specialized footwear for knee osteoarthritis: results of a six-month pilot investigation. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1282-9 | | 29 |
| 16 | Does hip implant positioning affect the peak external adduction moments of the healthy knees of subjects with total hip replacements?. <i>Journal of Orthopaedic Research</i> , 2013 , 31, 1187-94 | 3.8 | 4 |
| 15 | The relationship of vibratory perception to dynamic joint loading, radiographic severity, and pain in knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 181-6 | | 24 |
| 14 | Direct comparison of measured and calculated total knee replacement force envelopes during walking in the presence of normal and abnormal gait patterns. <i>Journal of Biomechanics</i> , 2012 , 45, 990-6 | 2.9 | 31 |
| 13 | Sagittal plane hip motion reversals during walking are associated with disease severity and poorer function in subjects with hip osteoarthritis. <i>Journal of Biomechanics</i> , 2012 , 45, 1360-5 | 2.9 | 44 |
| 12 | Contralateral hip and knee gait biomechanics are unchanged by total hip replacement for unilateral hip osteoarthritis. <i>Gait and Posture</i> , 2012 , 35, 61-5 | 2.6 | 53 |
| 11 | Asymmetric loading and bone mineral density at the asymptomatic knees of patients with unilateral hip osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3853-8 | | 34 |
| 10 | Time course and extent of functional recovery during the first postoperative year after minimally invasive total hip arthroplasty with two different surgical approaches--a randomized controlled trial. <i>Journal of Biomechanics</i> , 2011 , 44, 372-8 | 2.9 | 47 |
| 9 | Differences in preferred walking speeds in a gait laboratory compared with the real world after total hip replacement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 1390-5 | 2.8 | 19 |
| 8 | Effects of common footwear on joint loading in osteoarthritis of the knee. <i>Arthritis Care and Research</i> , 2010 , 62, 917-23 | 4.7 | 57 |
| 7 | Relative importance of gait vs. joint positioning on hip contact forces after total hip replacement. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 1576-82 | 3.8 | 38 |
| 6 | A parametric approach to numerical modeling of TKR contact forces. <i>Journal of Biomechanics</i> , 2009 , 42, 541-5 | 2.9 | 18 |
| 5 | Biceps activity during windmill softball pitching: injury implications and comparison with overhand throwing. <i>American Journal of Sports Medicine</i> , 2009 , 37, 558-65 | 6.8 | 68 |
| 4 | Do gait adaptations during stair climbing result in changes in implant forces in subjects with total hip replacements compared to normal subjects?. <i>Clinical Biomechanics</i> , 2008 , 23, 754-61 | 2.2 | 33 |

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| 3 | Preoperative gait adaptations persist one year after surgery in clinically well-functioning total hip replacement patients. <i>Journal of Biomechanics</i> , 2007 , 40, 3432-7 | 2.9 | 133 |
| 2 | A new parametric approach for modeling hip forces during gait. <i>Journal of Biomechanics</i> , 2003 , 36, 113-92.9 | 2.9 | 32 |
| 1 | Hip motion and moments during gait relate directly to proximal femoral bone mineral density in patients with hip osteoarthritis. <i>Journal of Biomechanics</i> , 1998 , 31, 919-25 | 2.9 | 50 |