

# Rachel Senden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6923714/publications.pdf>

Version: 2024-02-01

16  
papers

377  
citations

1039406

9  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

538  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Validity of an inertial measurement unit to assess pelvic orientation angles during gait, sitâ€stand transfers and step-up transfers: Comparison with an optoelectronic motion capture system*. Medical Engineering and Physics, 2016, 38, 225-231.   | 0.8 | 107       |
| 2  | The importance to including objective functional outcomes in the clinical follow up of total knee arthroplasty patients. Knee, 2011, 18, 306-311.   | 0.8 | 53        |
| 3  | Clinimetric quality of the new 2011 Knee Society Score: High validity, low completion rate. Knee, 2014, 21, 647-654.  | 0.8 | 34        |
| 4  | Clinical validation of a body-fixed 3D accelerometer and algorithm for activity monitoring in orthopaedic patients. Journal of Orthopaedic Translation, 2017, 11, 19-29.  | 1.9 | 32        |
| 5  | Early functional outcome after subvastus or parapatellar approach in knee arthroplasty is comparable. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 943-951.  | 2.3 | 28        |
| 6  | Patella retention versus replacement in total knee arthroplasty; functional and clinimetric aspects. Archives of Orthopaedic and Trauma Surgery, 2009, 129, 259-265.  | 1.3 | 26        |
| 7  | &lt;p&gt;Effect of a semirigid thoracolumbar orthosis on gait and sagittal alignment in patients with an osteoporotic vertebral compression fracture&lt;/p&gt;. Clinical Interventions in Aging, 2019, Volume 14, 671-680.  | 1.3 | 23        |
| 8  | Acceleration-Based Motion Analysis as a Tool for Rehabilitation. American Journal of Physical Medicine and Rehabilitation, 2011, 90, 226-232.   | 0.7 | 18        |
| 9  | Validation of a novel activity monitor in impaired, slow-walking, crutch-supported patients. Annals of Physical and Rehabilitation Medicine, 2016, 59, 308-313.   | 1.1 | 13        |
| 10 | Gait in patients with symptomatic osteoporotic vertebral compression fractures over 6Âmonths of recovery. Aging Clinical and Experimental Research, 2020, 32, 239-246.  | 1.4 | 11        |
| 11 | Optimization and Validation of a Classification Algorithm for Assessment of Physical Activity in Hospitalized Patients. Sensors, 2021, 21, 1652.  | 2.1 | 10        |
| 12 | Metal ion concentrations after metal-on-metal hip arthroplasty are not correlated with habitual physical activity levels. HIP International, 2019, 29, 638-646.   | 0.9 | 7         |
| 13 | Evaluating the Immobilization Effect of Spinal Orthoses Using Sensor-Based Motion Analysis. Journal of Prosthetics and Orthotics, 2016, 28, 23-29.  | 0.2 | 6         |
| 14 | Physical functioning of low back pain patients: perceived physical functioning and functional capacity, but not physical activity is affected. Disability and Rehabilitation, 2015, 37, 2257-2263.  | 0.9 | 5         |
| 15 | Early functional outcome after subvastus or parapatellar approach in knee arthroplasty is comparable: a performance-based trial with anatomical findings. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1885-1886.  | 2.3 | 2         |
| 16 | Effectiveness and cost-effectiveness of dynamic bracing versus standard care alone in patients suffering from osteoporotic vertebral compression fractures: protocol for a multicentre, two-armed, parallel-group randomised controlled trial with 12 months of follow-up. BMJ Open, 2022, 12, e054315. | 0.8 | 1         |