

Rachel Senden

List of Publications by Year in descending order

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