

Frank Seehaus

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

320
citations

949033

11
h-index

939365

18
g-index

25
all docs

25
docs citations

25
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Femoral Stem Fracture in Hip Revision Arthroplasty: A Systematic Literature Review of the Real-World Evidence. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2022, 160, 160-171.	0.4	5
2	Preoperative planning of total knee arthroplasty: reliability of axial alignment using a three-dimensional planning approach. <i>Acta Radiologica</i> , 2022, 63, 1051-1061.	0.5	6
3	Does Pelvic Orientation Influence Wear Measurement of the Acetabular Cup in Total Hip Arthroplasty? An Experimental Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10014.	1.3	2
4	Effects of Pre- and Post-Exercise Cold-Water Immersion Therapy on Passive Muscle Stiffness. <i>Sportverletzung-Sportschaden</i> , 2020, 34, 72-78.	0.6	3
5	Intra- and Interobserver Reliability Comparison of Clinical Gait Analysis Data between Two Gait Laboratories. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5068.	1.3	2
6	Model-Based Roentgen Stereophotogrammetric Analysis Using Elementary Geometrical Shape Models: Reliability of Migration Measurements for an Anatomically Shaped Femoral Stem Component. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8507.	1.3	1
7	Model-Based Roentgen Stereophotogrammetric Analysis to Monitor the Head-Taper Junction in Total Hip Arthroplasty in Vivo And They Do Move. <i>Materials</i> , 2020, 13, 1543.	1.3	2
8	The prevalence of osteoarthritis: Higher risk after transfemoral amputation? A database analysis with 1,569 amputees and matched controls. <i>PLoS ONE</i> , 2019, 14, e0210868.	1.1	10
9	No effect of conventional vs. minimally invasive surgical approach on clinical outcome and migration of a short stem total hip prosthesis at 2-year follow-up: A randomized controlled study. <i>Clinical Biomechanics</i> , 2018, 51, 105-112.	0.5	18
10	Model-based roentgen stereophotogrammetric analysis using elementary geometrical shape models: 10 years results of an uncemented acetabular cup component. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 335.	0.8	6
11	Dynamic Time Warping compared to established methods for validation of musculoskeletal models. <i>Journal of Biomechanics</i> , 2017, 55, 156-161.	0.9	6
12	Posterior dynamic stabilization in the lumbar spine – 24 months results of a prospective clinical and radiological study with an interspinous distraction device. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 90.	0.8	8
13	Use of single-representative reverse-engineered surface-models for RSA does not affect measurement accuracy and precision. <i>Journal of Orthopaedic Research</i> , 2016, 34, 903-910.	1.2	4
14	Analysis of migration of the Nanos® short-stem hip implant within two years after surgery. <i>International Orthopaedics</i> , 2016, 40, 1607-1614.	0.9	33
15	Influence of transfemoral amputation length on resulting loads at the osseointegrated prosthesis fixation during walking and falling. <i>Clinical Biomechanics</i> , 2014, 29, 272-276.	0.5	14
16	Clinical Gait Analysis and Musculoskeletal Modeling. , 2014, , 165-187.		2
17	Dependence of model-based RSA accuracy on higher and lower implant surface model quality. <i>BioMedical Engineering OnLine</i> , 2013, 12, 32.	1.3	12
18	Effects of Pedunculopontine Area and Pallidal DBS on Gait Ignition in Parkinson's Disease. <i>Brain Stimulation</i> , 2013, 6, 856-859.	0.7	27

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19	Loads on the prosthesisâ€‘socket interface of above-knee amputees during normal gait: Validation of a multi-body simulation. <i>Journal of Biomechanics</i> , 2013, 46, 1201-1206.	0.9	28
20	Multi-body simulation of various falling scenarios for determining resulting loads at the prosthesis interface of transfemoral amputees with osseointegrated fixation. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1123-1129.	1.2	15
21	Markerless Roentgen Stereophotogrammetric Analysis for in vivo implant migration measurement using three dimensional surface models to represent bone. <i>Journal of Biomechanics</i> , 2012, 45, 1540-1545.	0.9	15
22	Experimental Analysis of Model-Based Roentgen Stereophotogrammetric Analysis (MBRSA) on Four Typical Prosthesis Components. <i>Journal of Biomechanical Engineering</i> , 2009, 131, 041004.	0.6	26
23	Comparison of the Model-Based and Marker-Based Roentgen Stereophotogrammetry Methods in a Typical Clinical Setting. <i>Journal of Arthroplasty</i> , 2009, 24, 594-606.	1.5	43
24	Accuracy of Model-based RSA Contour Reduction in a Typical Clinical Application. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1978-1986.	0.7	31
25	APPLICABILITY OF MODEL-BASED RSA FOR AN AXIS SYMMETRIC HIP RESURFACING PROSTHESIS DESIGN. <i>Journal of Biomechanics</i> , 2008, 41, S38.	0.9	1