Tobias Renkawitz

List of Publications by Year
in descending order

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39 papers	924 citations	471509 17 h-index	477307 29 g-index
40 all docs	40 docs citations	40 times ranked	888 citing authors

#	Article	IF	Citations
1	Pros and cons of navigated versus conventional total knee arthroplastyâ€”a retrospective analysis of over 2400 patients. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 1983-1991.	2.4	7
2	Impact of malnutrition and vitamin deficiency in geriatric patients undergoing orthopedic surgery. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 358-363.	3.3	14
3	Hospital Frailty Risk Score predicts adverse events in revision total hip and knee arthroplasty. International Orthopaedics, 2021, 45, 2765-2772.	1.9	19
4	Postoperative delirium is a risk factor for complications and poor outcome after total hip and knee arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 695-700.	3.3	8
5	Hospital Frailty Risk Score Predicts Adverse Events in Primary Total Hip and Knee Arthroplasty. Journal of Arthroplasty, 2020, 35, 3498-3504.e3.	3.1	47
6	Restoration of leg length and offset correlates with trochanteric pain syndrome in total hip arthroplasty. Scientific Reports, 2020, 10, 7107.	3.3	22
7	The effects of soft tissue lateral release on the stability of the ligament complex of the knee. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 933-940.	2.4	6
8	Predicting Outcome after Total Hip Arthroplasty: The Role of Preoperative Patient-Reported Measures. BioMed Research International, 2019, 2019, 1-9.	1.9	9
9	Weakening of the knee ligament complex due to sequential medial release in total knee arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 999-1006.	2.4	11
10	A simple method for determining ligament stiffness during total knee arthroplasty in vivo. Scientific Reports, 2019, 9, 5261.	3.3	7
11	Customized implants for acetabular Paprosky III defects may be positioned with high accuracy in revision hip arthroplasty. International Orthopaedics, 2019, 43, 2235-2243.	1.9	23
12	The final implant position of a commonly used collarless straight tapered stem design (CorailÂ®) does not correlate with femoral neck resection height in cement-free total hip arthroplasty: a retrospective computed tomography analysis. Journal of Orthopaedics and Traumatology, 2018, 19, 20.	2.3	6
13	Are There Gender-Dependent Study Habits of Medical Students in Times of the World Wide Web?. BioMed Research International, 2018, 2018, 1-6.	1.9	9
14	Revision Surgery in Total Joint Replacement Is Cost-Intensive. BioMed Research International, 2018, 2018, 1-8.	1.9	85
15	Accuracy of Leg Length and Offset Restoration in Femoral Pinless Navigation Compared to Navigation Using a Fixed Pin during Total Hip Arthroplasty. BioMed Research International, 2018, 2018, 1-6.	1.9	6
16	Surgical training does not affect operative time and outcome in total knee arthroplasty. PLoS ONE, 2018, 13, e0197850.	2.5	25
17	Soft tissue restricts impingement-free mobility in total hip arthroplasty. International Orthopaedics, 2017, 41, 277-282.	1.9	14
18	Clinical, radiological and survivorship results after tenÂyears comparing navigated and conventional total knee arthroplasty: a matched-pair analysis. International Orthopaedics, 2017, 41, 2037-2044.	1.9	32

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19	Effectiveness of a multimodal pain management concept for patients with cervical radiculopathy with focus on cervical epidural injections. Scientific Reports, 2017, 7, 7866.	3.3	15
20	Posterior lesser trochanter line should not be used as reference for assessing femoral version in CT scans: a retrospective reliability and agreement study. Acta Radiologica, 2017, 58, 1101-1107.	1.1	3
21	Trainee Surgeons Affect Operative Time but not Outcome in Minimally Invasive Total Hip Arthroplasty. Scientific Reports, 2017, 7, 6152.	3.3	36
22	Femur First navigation can reduce impingement severity compared to traditional free hand total hip arthroplasty. Scientific Reports, 2017, 7, 7238.	3.3	13
23	Accuracy of measuring acetabular cup position after total hip arthroplasty: comparison between a radiographic planning software and three-dimensional computed tomography. International Orthopaedics, 2017, 41, 731-738.	1.9	32
24	Navigation is Equal to Estimation by Eye and Palpation in Preventing Psoas Impingement in THA. Clinical Orthopaedics and Related Research, 2017, 475, 196-203.	1.5	19
25	Novel measurement method on plain radiographs to predict postoperative stem anteversion in cementless THA. Journal of Orthopaedic Research, 2016, 34, 2025-2030.	2.3	6
26	Native femoral anteversion should not be used as reference in cementless total hip arthroplasty with a straight, tapered stem: a retrospective clinical study. BMC Musculoskeletal Disorders, 2016, 17, 399.	1.9	20
27	Visual intraoperative estimation of range of motion is misleading in minimally invasive total hip arthroplasty. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1015-1020.	2.4	4
28	Leg length and offset differences above 5 mm after total hip arthroplasty are associated with altered gait kinematics. Gait and Posture, 2016, 49, 196-201.	1.4	121
29	Decreased femoral periprosthetic bone mineral density: a comparative study using DXA in patients after cementless total hip arthroplasty with osteonecrosis of the femoral head versus primary osteoarthritis. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 709-713.	2.4	6
30	Current standard rules of combined anteversion prevent prosthetic impingement but ignore osseous contact in total hip arthroplasty. International Orthopaedics, 2016, 40, 2495-2504.	1.9	29
31	Current therapeutic strategies of heterotopic ossification â€“ a survey amongst orthopaedic and trauma departments in Germany. BMC Musculoskeletal Disorders, 2015, 16, 313.	1.9	21
32	The impact of standard combined anteversion definitions on gait and clinical outcome within one year after total hip arthroplasty. International Orthopaedics, 2015, 39, 2323-2333.	1.9	16
33	Fluoroscopy and Imageless Navigation Enable an Equivalent Reconstruction of Leg Length and Global and Femoral Offset in THA. Clinical Orthopaedics and Related Research, 2014, 472, 3150-3158.	1.5	42
34	Femoral Pinless Length and Offset Measurements During Computer-Assisted, Minimally Invasive Total Hip Arthroplasty. Journal of Arthroplasty, 2014, 29, 1021-1025.	3.1	15
35	Leg Length and Offset Measures with a Pinless Femoral Reference Array during THA. Clinical Orthopaedics and Related Research, 2010, 468, 1862-1868.	1.5	25
36	Experimental validation of a pinless femoral reference array for computerâ€assisted hip arthroplasty. Journal of Orthopaedic Research, 2010, 28, 583-588.	2.3	8

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37	In-Vitro Investigation of a Noninvasive Referencing Technology for Computer-assisted Total Hip Arthroplasty. Orthopedics, 2010, 33, .	1.1	3
38	Computer-assisted total hip arthroplasty: coding the next generation of navigation systems for orthopedic surgery. Expert Review of Medical Devices, 2009, 6, 507-514.	2.8	35
39	The association of low back pain, neuromuscular imbalance, and trunk extension strength in athletes. Spine Journal, 2006, 6, 673-683.	1.3	102