

# Andreas Fottner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8371646/publications.pdf>

Version: 2024-02-01

28  
papers

679  
citations

567281

15  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of tibial baseplate malposition on kinematics, contact forces and ligament tensions in TKA: A numerical analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103564.	3.1	10
2	Fibroblast-like cells change gene expression of bone remodelling markers in transwell cultures. <i>European Journal of Medical Research</i> , 2020, 25, 52.	2.2	2
3	Influence of different anteversion alignments of a cementless hip stem on primary stability and strain distribution. <i>Clinical Biomechanics</i> , 2020, 80, 105167.	1.2	1
4	Impact of Periprosthetic Fibroblast-Like Cells on Osteoclastogenesis in Co-Culture with Peripheral Blood Mononuclear Cells Varies Depending on Culture System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2583.	4.1	6
5	Immobilization of Denosumab on Titanium Affects Osteoclastogenesis of Human Peripheral Blood Monocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1002.	4.1	4
6	A lateral retinacular release during total knee arthroplasty changes femorotibial kinematics: an in vitro study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 401-407.	2.4	10
7	Varus malalignment of cementless hip stems provides sufficient primary stability but highly increases distal strain distribution. <i>Clinical Biomechanics</i> , 2018, 58, 14-20.	1.2	15
8	Influence of mediolateral tibial baseplate position in TKA on knee kinematics and retropatellar pressure. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2602-2608.	4.2	16
9	Factors regulating bone remodeling processes in aseptic implant loosening. <i>Journal of Orthopaedic Research</i> , 2017, 35, 248-257.	2.3	14
10	Influence of different sizes of composite femora on the biomechanical behavior of cementless hip prosthesis. <i>Clinical Biomechanics</i> , 2017, 41, 60-65.	1.2	17
11	Influence of undersized cementless hip stems on primary stability and strain distribution. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 1435-1441.	2.4	28
12	Mediolateral femoral component position in TKA significantly alters patella shift and femoral roll-back. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3561-3568.	4.2	17
13	Performance of bioactive PMMA-based bone cement under load-bearing conditions: an in vivo evaluation and FE simulation. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 138.	3.6	10
14	Influence of tibial rotation in total knee arthroplasty on knee kinematics and retropatellar pressure: an in vitro study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2395-2401.	4.2	48
15	Femorotibial kinematics and load patterns after total knee arthroplasty: An in vitro comparison of posterior-stabilized versus medial-stabilized design. <i>Clinical Biomechanics</i> , 2016, 33, 42-48.	1.2	46
16	Does osteoporosis reduce the primary tilting stability of cementless acetabular cups?. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 95.	1.9	5
17	In vivo evaluation of bioactive PMMA-based bone cement with unchanged mechanical properties in a load-bearing model on rabbits. <i>Journal of Biomaterials Applications</i> , 2015, 30, 30-37.	2.4	8
18	The effect of trochlea tilting on patellofemoral contact patterns after total knee arthroplasty: an in vitro study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 867-872.	2.4	24

#	ARTICLE	IF	CITATIONS
19	Patellofemoral contact patterns before and after total knee arthroplasty: an in vitro measurement. <i>BioMedical Engineering OnLine</i> , 2013, 12, 58.	2.7	43
20	Migration analysis of a metaphyseal anchored short-stem hip prosthesis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 360-365.	3.3	57
21	The accuracy of digital templating: a comparison of short-stem total hip arthroplasty and conventional total hip arthroplasty. <i>International Orthopaedics</i> , 2012, 36, 1767-1772.	1.9	38
22	Revision of hip resurfacing arthroplasty with a bone-conserving short-stem implant: a case report and review of the literature. <i>Journal of Medical Case Reports</i> , 2012, 6, 249.	0.8	3
23	Biomechanical evaluation of different offset versions of a cementless hip prosthesis by 3-dimensional measurement of micromotions. <i>Clinical Biomechanics</i> , 2011, 26, 830-835.	1.2	23
24	Digital comparison of planned and implanted stem position in total hip replacement using a program for migration analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 1013-1019.	2.4	6
25	Bone metastases from renal cell carcinoma: patient survival after surgical treatment. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 145.	1.9	102
26	Stress fractures presenting as tumours: a retrospective analysis of 22 cases. <i>International Orthopaedics</i> , 2009, 33, 489-492.	1.9	27
27	Biomechanical evaluation of two types of short-stemmed hip prostheses compared to the trust plate prosthesis by three-dimensional measurement of micromotions. <i>Clinical Biomechanics</i> , 2009, 24, 429-434.	1.2	50
28	Can Serum Procalcitonin Help to Differentiate Between Septic and Nonseptic Arthritis?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2008, 24, 229-233.	2.7	48