

Andreas Fottner

List of Publications by Year in descending order

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papers

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567281

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29
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29
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29
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671
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone metastases from renal cell carcinoma: patient survival after surgical treatment. BMC Musculoskeletal Disorders, 2010, 11, 145.	1.9	102
2	Migration analysis of a metaphyseal anchored short-stem hip prosthesis. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 83, 360-365.	3.3	57
3	Biomechanical evaluation of two types of short-stemmed hip prostheses compared to the trust plate prosthesis by three-dimensional measurement of micromotions. Clinical Biomechanics, 2009, 24, 429-434.	1.2	50
4	Can Serum Procalcitonin Help to Differentiate Between Septic and Nonseptic Arthritis?. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2008, 24, 229-233.	2.7	48
5	Influence of tibial rotation in total knee arthroplasty on knee kinematics and retropatellar pressure: an in vitro study. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2395-2401.	4.2	48
6	Femorotibial kinematics and load patterns after total knee arthroplasty: An in vitro comparison of posterior-stabilized versus medial-stabilized design. Clinical Biomechanics, 2016, 33, 42-48.	1.2	46
7	Patellofemoral contact patterns before and after total knee arthroplasty: an in vitro measurement. BioMedical Engineering OnLine, 2013, 12, 58.	2.7	43
8	The accuracy of digital templating: a comparison of short-stem total hip arthroplasty and conventional total hip arthroplasty. International Orthopaedics, 2012, 36, 1767-1772.	1.9	38
9	Influence of undersized cementless hip stems on primary stability and strain distribution. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 1435-1441.	2.4	28
10	Stress fractures presenting as tumours: a retrospective analysis of 22 cases. International Orthopaedics, 2009, 33, 489-492.	1.9	27
11	The effect of trochlea tilting on patellofemoral contact patterns after total knee arthroplasty: an in vitro study. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 867-872.	2.4	24
12	Biomechanical evaluation of different offset versions of a cementless hip prosthesis by 3-dimensional measurement of micromotions. Clinical Biomechanics, 2011, 26, 830-835.	1.2	23
13	Influence of different sizes of composite femora on the biomechanical behavior of cementless hip prosthesis. Clinical Biomechanics, 2017, 41, 60-65.	1.2	17
14	Mediolateral femoral component position in TKA significantly alters patella shift and femoral roll-back. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 3561-3568.	4.2	17
15	Influence of mediolateral tibial baseplate position in TKA on knee kinematics and retropatellar pressure. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2602-2608.	4.2	16
16	Varus malalignment of cementless hip stems provides sufficient primary stability but highly increases distal strain distribution. Clinical Biomechanics, 2018, 58, 14-20.	1.2	15
17	Factors regulating bone remodeling processes in aseptic implant loosening. Journal of Orthopaedic Research, 2017, 35, 248-257.	2.3	14
18	Performance of bioactive PMMA-based bone cement under load-bearing conditions: an in vivo evaluation and FE simulation. Journal of Materials Science: Materials in Medicine, 2016, 27, 138.	3.6	10

#	ARTICLE	IF	CITATIONS
19	A lateral retinacular release during total knee arthroplasty changes femorotibial kinematics: an in vitro study. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 401-407.	2.4	10
20	Impact of tibial baseplate malposition on kinematics, contact forces and ligament tensions in TKA: A numerical analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 103, 103564.	3.1	10
21	In vivo evaluation of bioactive PMMA-based bone cement with unchanged mechanical properties in a load-bearing model on rabbits. Journal of Biomaterials Applications, 2015, 30, 30-37.	2.4	8
22	Digital comparison of planned and implanted stem position in total hip replacement using a program form migration analysis. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 1013-1019.	2.4	6
23	Impact of Periprosthetic Fibroblast-Like Cells on Osteoclastogenesis in Co-Culture with Peripheral Blood Mononuclear Cells Varies Depending on Culture System. International Journal of Molecular Sciences, 2019, 20, 2583.	4.1	6
24	Does osteoporosis reduce the primary tilting stability of cementless acetabular cups?. BMC Musculoskeletal Disorders, 2015, 16, 95.	1.9	5
25	Immobilization of Denosumab on Titanium Affects Osteoclastogenesis of Human Peripheral Blood Monocytes. International Journal of Molecular Sciences, 2019, 20, 1002.	4.1	4
26	Revision of hip resurfacing arthroplasty with a bone-conserving short-stem implant: a case report and review of the literature. Journal of Medical Case Reports, 2012, 6, 249.	0.8	3
27	Fibroblast-like cells change gene expression of bone remodelling markers in transwell cultures. European Journal of Medical Research, 2020, 25, 52.	2.2	2
28	Influence of different anteversion alignments of a cementless hip stem on primary stability and strain distribution. Clinical Biomechanics, 2020, 80, 105167.	1.2	1