

Oliver R Boughton

List of Publications by Year in descending order

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24
papers

658
citations

623734

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642732

23
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all docs

24
docs citations

24
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient and Public Involvement Within Orthopaedic Research. Journal of Bone and Joint Surgery - Series A, 2021, 103, e51.	3.0	11
2	Short-term outcomes of total knee arthroplasty performed with and without a tourniquet. Sicot-j, 2021, 7, 15.	1.8	2
3	Power-Tool Use in Orthopaedic Surgery. JBJS Open Access, 2021, 6, .	1.5	3
4	A single-use, size-specific, nylon arthroplasty guide: a preliminary study for hip resurfacing. HIP International, 2020, 30, 71-77.	1.7	0
5	Nanoscale mechanisms in age-related hip-fractures. Scientific Reports, 2020, 10, 14208.	3.3	7
6	Computed tomography porosity and spherical indentation for determining cortical bone millimetre-scale mechanical properties. Scientific Reports, 2019, 9, 7416.	3.3	22
7	The design and in vivo testing of a locally stiffness-matched porous scaffold. Applied Materials Today, 2019, 15, 377-388.	4.3	84
8	Gender and disease severity determine proximal femoral morphology in developmental dysplasia of the hip. Journal of Orthopaedic Research, 2019, 37, 1123-1132.	2.3	16
9	Individual response variations in scaffold-guided bone regeneration are determined by independent strain- and injury-induced mechanisms. Biomaterials, 2019, 194, 183-194.	11.4	63
10	An in vitro model of impaction during hip arthroplasty. Journal of Biomechanics, 2019, 82, 220-227.	2.1	9
11	Femoral fracture type can be predicted from femoral structure: A finite element study validated by digital volume correlation experiments. Journal of Orthopaedic Research, 2018, 36, 993-1001.	2.3	26
12	The loading patterns of a short femoral stem in total hip arthroplasty: gait analysis at increasing walking speeds and inclines. Journal of Orthopaedics and Traumatology, 2018, 19, 14.	2.3	6
13	Standardizing compression testing for measuring the stiffness of human bone. Bone and Joint Research, 2018, 7, 524-538.	3.6	65
14	Current concepts for aligning knee implants: patient-specific or systematic?. EFORT Open Reviews, 2018, 3, 1-6.	4.1	51
15	Measuring bone stiffness using spherical indentation. PLoS ONE, 2018, 13, e0200475.	2.5	28
16	Day-case surgery for total hip and knee replacement. EFORT Open Reviews, 2018, 3, 130-135.	4.1	37
17	Long-term effects of bisphosphonate therapy: perforations, microcracks and mechanical properties. Scientific Reports, 2017, 7, 43399.	3.3	56
18	Microindentation – a tool for measuring cortical bone stiffness?. Bone and Joint Research, 2017, 6, 542-549.	3.6	25

#	ARTICLE	IF	CITATIONS
19	Synchrotron Imaging Assessment of Bone Quality. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2016, 14, 150-160.	0.8	36
20	Plastic Surgery Undergraduate Training. <i>Annals of Plastic Surgery</i> , 2015, 75, 208-212.	0.9	34
21	Young, male, road traffic victims: a systematic review of the published trauma registry literature from low and middle income countries. <i>Sicot-j</i> , 2015, 1, 10.	1.8	10
22	Arthroscopic washout of the knee: A procedure in decline. <i>Knee</i> , 2014, 21, 631-634.	1.6	32
23	A published pharmacogenetic algorithm was poorly predictive of tacrolimus clearance in an independent cohort of renal transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2013, 76, 425-431.	2.4	32
24	Improving Undergraduate Orthopedic Surgery Skills and Knowledge in a One Day Course. <i>Medical Science Educator</i> , 2012, 22, 24-28.	1.5	3