

Alisdair R Macleod

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/948411/publications.pdf>

Version: 2024-02-01

10
papers

229
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Does screwâ€‘bone interface modelling matter in finite element analyses?. Journal of Biomechanics, 2012, 45, 1712-1716.	2.1	88
2	Pre-operative planning for fracture fixation using locking plates: device configuration and other considerations. Injury, 2018, 49, S12-S18.	1.7	37
3	Reasons why dynamic compression plates are inferior to locking plates in osteoporotic bone: a finite element explanation. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 1818-1825.	1.6	35
4	Ageâ€‘related optimization of screw placement for reduced loosening risk in locked plating. Journal of Orthopaedic Research, 2016, 34, 1856-1864.	2.3	27
5	A Validated Open-Source Multisolver Fourth-Generation Composite Femur Model. Journal of Biomechanical Engineering, 2016, 138, .	1.3	14
6	Non-locking screw insertion: No benefit seen if tightness exceeds 80% of the maximum torque. Clinical Biomechanics, 2019, 70, 40-45.	1.2	9
7	3D printed locking osteosynthesis screw threads have comparable strength to machined or handâ€‘tapped screw threads. Journal of Orthopaedic Research, 2020, 38, 1559-1565.	2.3	8
8	Personalised high tibial osteotomy has mechanical safety equivalent to generic device in a caseâ€‘control in silico clinical trial. Communications Medicine, 2021, 1, .	4.2	6
9	Superimposition of ground reaction force on tibial-plateau supporting diagnostics and post-operative evaluations in high-tibial osteotomy. A novel methodology. Gait and Posture, 2022, 94, 144-152.	1.4	5
10	Managing the risk from childrenâ€™s travel cups. Emergency Medicine Journal, 2021, 38, 345-348.	1.0	0