Alisdair R Macleod

List of Publications by Year
in descending order

10	229	1307594 7	1474206 9
papers	citations	h-index	g-index

10	10	10	231
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Managing the risk from childrenâ€™s travel cups. Emergency Medicine Journal, 2021, 38, 345-348.	1.0	0
4	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
5	Non-locking screw insertion: No benefit seen if tightness exceeds 80% of the maximum torque. Clinical Biomechanics, 2019, 70, 40-45.	1.2	9
6	Pre-operative planning for fracture fixation using locking plates: device configuration and other considerations. Injury, 2018, 49, S12-S18.	1.7	37
7	Ageâ€related optimization of screw placement for reduced loosening risk in locked plating. Journal of Orthopaedic Research, 2016, 34, 1856-1864.	2.3	27
8	A Validated Open-Source Multisolver Fourth-Generation Composite Femur Model. Journal of Biomechanical Engineering, 2016, 138, .	1.3	14
9	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
10	Does screwâ€“bone interface modelling matter in finite element analyses?. Journal of Biomechanics, 2012, 45, 1712-1716.	2.1	88