

Shelley D Rawson

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

280
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray computed tomography in life sciences. BMC Biology, 2020, 18, 21.	3.8	95
2	MXene Tunable Lamellae Architectures for Supercapacitor Electrodes. ACS Applied Energy Materials, 2020, 3, 411-422.	5.1	46
3	Anisotropic crack propagation and deformation in dentin observed by four-dimensional X-ray nano-computed tomography. Acta Biomaterialia, 2019, 96, 400-411.	8.3	27
4	Sutured tendon repair; a multi-scale finite element model. Biomechanics and Modeling in Mechanobiology, 2015, 14, 123-133.	2.8	25
5	Suture techniques for tendon repair; a comparative review. Muscles, Ligaments and Tendons Journal, 2013, 3, 220-8.	0.3	24
6	Realization of 3D epoxy resin/Ti ₃ C ₂ T _x MXene aerogel composites for low-voltage electrothermal heating. 2D Materials, 2021, 8, 025022.	4.4	17
7	X-ray computed tomography of the anterior cruciate ligament and patellar tendon. Muscles, Ligaments and Tendons Journal, 2014, 4, 238-44.	0.3	17
8	Effect of hydration and crack orientation on crack-tip strain, crack opening displacement and crack-tip shielding in elephant dentin. Dental Materials, 2018, 34, 1041-1053.	3.5	12
9	Tailoring the Microstructure of Lamellar Ti ₃ C ₂ T _x MXene Aerogel by Compressive Straining. ACS Nano, 2022, 16, 1896-1908.	14.6	10
10	Four-Dimensional Imaging of Soft Tissue and Implanted Biomaterial Mechanics: A Barbed Suture Case Study for Tendon Repair. ACS Applied Materials & Interfaces, 2018, 10, 38681-38691.	8.0	4
11	Characterisation of microvessel blood velocity and segment length in the brain using multi-diffusion-time diffusion-weighted MRI. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2097852.	4.3	3