

Colin J Boyle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5988602/publications.pdf>

Version: 2024-02-01

14
papers

197
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	In Silico Prediction of the Mechanobiological Response of Arterial Tissue: Application to Angioplasty and Stenting. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 081001.	1.3	42
2	Computational simulation methodologies for mechanobiological modelling: a cell-centred approach to neointima development in stents. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 2919-2935.	3.4	39
3	Morphology and composition play distinct and complementary roles in the tolerance of plantar skin to mechanical load. <i>Science Advances</i> , 2019, 5, eaay0244.	10.3	37
4	Application of a mechanobiological simulation technique to stents used clinically. <i>Journal of Biomechanics</i> , 2013, 46, 918-924.	2.1	24
5	Skin wrinkles and folds enable asymmetric stretch in the elephant trunk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	14
6	Modelling the effects of age-related morphological and mechanical skin changes on the stimulation of tactile mechanoreceptors. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104073.	3.1	13
7	Quantifying the tolerance of chick hip joint development to temporary paralysis and the potential for recovery. <i>Developmental Dynamics</i> , 2021, 250, 450-464.	1.8	13
8	Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers. <i>PLoS ONE</i> , 2020, 15, e0227064.	2.5	8
9	Harnessing the Secretome of Hair Follicle Fibroblasts to Accelerate Ex Vivo Healing of Human Skin Wounds. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1075-1084.e11.	0.7	6
10	Can plantar fibroblast implantation protect amputees from skin injury? A recipe for skin augmentation. <i>Experimental Dermatology</i> , 2021, 30, 1829-1833.	2.9	1
11	Title is missing!. , 2020, 15, e0227064.		0
12	Title is missing!. , 2020, 15, e0227064.		0
13	Title is missing!. , 2020, 15, e0227064.		0
14	Title is missing!. , 2020, 15, e0227064.		0