

Michael Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

105
citations

1477746

6
h-index

1473754

9
g-index

11
all docs

11
docs citations

11
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Inducing chondrogenesis in MSC/chondrocyte co-cultures using exogenous TGF- β 2: a mathematical model. <i>Journal of Theoretical Biology</i> , 2018, 439, 1-13.	0.8	26
2	Multiscale modelling and homogenisation of fibre-reinforced hydrogels for tissue engineering. <i>European Journal of Applied Mathematics</i> , 2020, 31, 143-171.	1.4	25
3	Microstructured optical fibre drawing with active channel pressurisation. <i>Journal of Fluid Mechanics</i> , 2015, 783, 137-165.	1.4	19
4	Identifying chondrogenesis strategies for tissue engineering of articular cartilage. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141984243.	2.3	14
5	Coupled fluid and energy flow in fabrication of microstructured optical fibres. <i>Journal of Fluid Mechanics</i> , 2019, 874, 548-572.	1.4	9
6	Variational model for a rippled graphene sheet. <i>RSC Advances</i> , 2020, 10, 16016-16026.	1.7	6
7	Multi-layer graphene folds supported on a substrate: a variational model. <i>Materials Research Express</i> , 2021, 8, 015002.	0.8	3
8	Investigation of oversized channels in tubular fibre drawing. <i>Optical Materials Express</i> , 2021, 11, 905.	1.6	2
9	Estimating the effective bending rigidity of multi-layer graphene. <i>Materials Research Express</i> , 2021, 8, 055001.	0.8	1
10	Variational model for collapsed graphene wrinkles. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	0
11	Analysing the stability of graphene wrinkles using variational calculus. <i>ANZIAM Journal</i> , 0, 63, C97-C109.	0.0	0