Louise Brown

List of Publications by Year
in descending order

12	367	1306789 7	1473754 9
papers	citations	h-index	g-index

12	12	12	378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Weft Yarn Interlacement Modelling for 3D Profiled Structures. Applied Composite Materials, 2022, 29, 219-227.	1.3	0
2	Geometric modeling of 3D woven preforms in composite T-joints. Textile Reseach Journal, 2018, 88, 1862-1875.	1.1	15
3	Multi-scale wave propagation modelling for two-dimensional periodic textile composites. Composites Part B: Engineering, 2018, 150, 144-156.	5.9	40
4	Impact of the mesoscale structure of periodic textile composites on wave propagation. AIP Conference Proceedings, 2018, , .	0.3	0
5	Effects of layer shift and yarn path variability on mechanical properties of a twill weave composite. Journal of Composite Materials, 2017, 51, 913-925.	1.2	11
6	Analytical method using gamma functions for determining areas of power elliptical shapes for use in geometrical textile models. Composites Part A: Applied Science and Manufacturing, 2016, 81, 222-224.	3.8	7
7	Quantification of mesoscale variability and geometrical reconstruction of a textile. Journal of Composite Materials, 2016, 50, 3255-3266.	1.2	4
8	Stochastic reconstruction of filament paths in fibre bundles based on two-dimensional input data. Composites Part A: Applied Science and Manufacturing, 2015, 76, 262-271.	3.8	9
9	Numerical prediction of in-plane permeability for multilayer woven fabrics with manufacture-induced deformation. Composites Part A: Applied Science and Manufacturing, 2015, 77, 266-274.	3.8	51
10	Geometrical modelling of 3D woven reinforcements for polymer composites: Prediction of fabric permeability and composite mechanical properties. Composites Part A: Applied Science and Manufacturing, 2014, 56, 150-160.	3.8	99
11	Prediction of textile geometry using an energy minimization approach. Journal of Industrial Textiles, 2012, 41, 345-369.	1.1	12
12	Modelling and Simulating Textile Structures Using TexGen. Advanced Materials Research, 0, 331, 44-47.	0.3	119