

Brice Bognet

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

493
citations

1307594

7
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet and inkjet-based 3D printing: connecting fluid properties and printing performance. Rapid Prototyping Journal, 2017, 23, 562-576.	3.2	149
2	Advanced simulation of models defined in plate geometries: 3D solutions with 2D computational complexity. Computer Methods in Applied Mechanics and Engineering, 2012, 201-204, 1-12.	6.6	137
3	First steps towards an advanced simulation of composites manufacturing by automated tape placement. International Journal of Material Forming, 2014, 7, 81-92.	2.0	88
4	The microstructure and mechanical properties of 3D printed carbon nanotube/polylactic acid composites. Polymer Composites, 2018, 39, E1060.	4.6	53
5	The Proper Generalized Decomposition (PGD) as a numerical procedure to solve 3D cracked plates in linear elastic fracture mechanics. International Journal of Solids and Structures, 2013, 50, 1710-1720.	2.7	30
6	Surface Pressure and Microstructure of Carbon Nanotubes at an Air/Water Interface. Langmuir, 2015, 31, 4663-4672.	3.5	16
7	On the fully 3D simulations of thermoelastic models defined in plate and shell geometries. European Journal of Computational Mechanics, 2012, 21, 40-51.	0.6	12
8	Composites manufacturing processes. Towards an advanced simulation. Revue Des Composites Et Des Materiaux Avances, 2011, 21, 23-32.	0.6	4
9	PGD and separated space variables representation for linear elasticity in 3D representation of plate domains. , 2011, , .		1
10	A Numerical Approach for the Evaluation of Residual Stresses in the Automated Tape Placement Process. , 2012, , .		1
11	Controlling system components with a sound card: A versatile inkjet fluid testing platform. Review of Scientific Instruments, 2016, 87, 015101.	1.3	1
12	Parametric Shape and Material Simulations for Optimized Parts Design. , 2012, , .		1
13	Models defined in stratified-plate domains. A review on efficient 3D PGD-based solution procedures. Revue Des Composites Et Des Materiaux Avances, 2014, 24, 97-109.	0.6	0