

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