

Yi Pan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

446
citations

1305906

8
h-index

1427216

11
g-index

15
all docs

15
docs citations

15
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale modeling of matrix cracking coupled with interfacial debonding in random glass fiber composites based on volume elements. <i>Journal of Composite Materials</i> , 2013, 47, 3389-3399.	1.2	12
2	Finite Element Modeling of CNS White Matter Kinematics: Use of a 3D RVE to Determine Material Properties. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013, 1, 19.	2.0	32
3	A Transition Model for Finite Element Simulation of Kinematics of Central Nervous System White Matter. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3443-3446.	2.5	22
4	Simulation of the Mechanical Behavior of White Matter Using a Micromechanics Finite Element Method. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1301, 87.	0.1	1
5	Progressive Damage Analysis of Random Chopped Fiber Composite Using Finite Elements. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2011, 133, .	0.8	11
6	Numerical Test Method for Random Chopped Fiber Composites. , 2010, , .		0
7	Influence of matrix plasticity and residual thermal stress on interfacial debonding of a single fiber composite. <i>Journal of Mechanics of Materials and Structures</i> , 2010, 5, 129-142.	0.4	5
8	Finite Element Analysis on the Random Chopped Fiber Composites. , 2009, , .		0
9	Response of Random Chopped Fiber Reinforced Composite to Uniaxial Tensile Load. , 2009, , .		0
10	Numerical generation of a random chopped fiber composite RVE and its elastic properties. <i>Composites Science and Technology</i> , 2008, 68, 2792-2798.	3.8	170
11	Analysis of 3D random chopped fiber reinforced composites using FEM and random sequential adsorption. <i>Computational Materials Science</i> , 2008, 43, 450-461.	1.4	113
12	Numerical characterization of material elastic properties for random fiber composites. <i>Journal of Mechanics of Materials and Structures</i> , 2008, 3, 1279-1298.	0.4	43
13	Interfacial crack kinking subjected to contact effects. <i>Journal of Mechanics of Materials and Structures</i> , 2008, 3, 591-605.	0.4	8
14	Effect of aging treatment on the quasi-static and dynamic compressive properties of aluminum alloy foams. <i>Materials Letters</i> , 2003, 57, 4058-4063.	1.3	29