

Yongqiang Chen

List of Publications by Year in descending order

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25
papers

145
citations

1307594

7
h-index

1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient SPH methodology for modelling mechanical characteristics of particulate composites. Defence Technology, 2021, 17, 135-146.	4.2	3
2	A micromechanics model to predict effective thermal conductivity of rGO/MMT/polymer composites. Journal of Applied Physics, 2021, 129, 155108.	2.5	2
3	Application of fast multipole boundary element method for two-dimensional nonlinear interface debonding of particulate composites. Engineering Analysis With Boundary Elements, 2020, 113, 72-81.	3.7	7
4	A new error upper bound formula for Gaussian integration in boundary integral equations. Engineering Analysis With Boundary Elements, 2020, 112, 39-45.	3.7	1
5	A novel constitutive model for geomaterials in hyperplasticity. Computers and Geotechnics, 2018, 98, 102-113.	4.7	12
6	Equivalent inclusions in micromechanics with interface energy effect. Applied Mathematics and Mechanics (English Edition), 2017, 38, 1497-1516.	3.6	1
7	An integrated decision support system for emergency evacuation management. , 2016, , .		1
8	Effect of residual interface stress on thermo-elastic properties of unidirectional fiber-reinforced nanocomposites. International Journal of Mechanical Sciences, 2016, 113, 133-147.	6.7	11
9	New micromechanics model for saturated porous media with connected pores. Archive of Applied Mechanics, 2016, 86, 1579-1590.	2.2	2
10	Iterative Method to Predict Effective Elastic Moduli of Multiphase Particulate Composites. Journal of Engineering Mechanics - ASCE, 2015, 141, 04015025.	2.9	0
11	Effect of residual interface stresses on effective specific heats of multiphase thermoelastic nanocomposites. Acta Mechanica, 2014, 225, 1107-1119.	2.1	4
12	AN ELASTOPLASTIC CONSTITUTIVE MODEL FOR POROUS MATERIALS. International Journal of Applied Mechanics, 2013, 05, 1350035.	2.2	7
13	Overall Properties of Thermoelastic Nanocomposites Incorporating Interface Energies. , 2013, , 37-48.		1
14	Effective specific heats of multi-phase thermoelastic composites. Acta Mechanica Solida Sinica, 2012, 25, 262-276.	1.9	6
15	A new method of quality improvement for quadrilateral mesh based on small polygon reconnection. Acta Mechanica Sinica/Lixue Xuebao, 2012, 28, 140-145.	3.4	1
16	Effect of residual interface stress on effective thermal expansion coefficient of particle-filled thermoelastic nanocomposite. Applied Mathematics and Mechanics (English Edition), 2011, 32, 1377-1388.	3.6	5
17	An enhanced formulation of error bound in subspace iteration method. International Journal for Numerical Methods in Biomedical Engineering, 2011, 27, 113-127.	2.1	0
18	Projection method with self-adaptive time steps for LES of ignition and extinction in non-premixed jet flames. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 1203-1218.	2.1	0

#	ARTICLE	IF	CITATIONS
19	Small polyhedron reconnection for mesh improvement and its implementation based on advancing front technique. International Journal for Numerical Methods in Engineering, 2009, 79, 1004-1018.	2.8	16
20	Numerical modelling of fracture of particulate composites using SPH method. Computational Materials Science, 2009, 47, 60-70.	3.0	18
21	A fast and practical method to pack spheres for mesh generation. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 439-447.	3.4	23
22	Boundary recovery after 3D Delaunay tetrahedralization without adding extra nodes. International Journal for Numerical Methods in Engineering, 2007, 72, 744-756.	2.8	15
23	Numerical simulation of the mechanical properties and failure of heterogeneous elasto-plastic materials. Tsinghua Science and Technology, 2007, 12, 527-532.	6.1	3
24	SPR – A New Method for Mesh Improvement and Boundary Recovery. , 2007, , 180-186.		1
25	Theoretical statistical solution and numerical simulation of heterogeneous brittle materials. Acta Mechanica Sinica/Lixue Xuebao, 2003, 19, 276-284.	3.4	5