Reza Mosalmani

List of Publications by Year
in descending order

16 papers	183 citations	1040018 9 h-index	1058452 14 g-index
16 all docs	16 docs citations	16 times ranked	202 citing authors

#	Article	IF	Citations
1	A strain-rate dependent micromechanical constitutive model for glass/epoxy composites. Composite Structures, 2015, 121, 37-45.	5.8	24
2	Mechanical behavior of polyester polymer concrete under low strain rate loading conditions. Polymer Testing, 2017, 63, 596-604.	4.8	24
3	Mechanical behavior of buried composite pipelines subjected to strike-slip fault movement. Soil Dynamics and Earthquake Engineering, 2020, 135, 106195.	3.8	20
4	Strain rate dependent micromechanical modeling of reinforced polymers with carbon nanotubes. Journal of Composite Materials, 2014, 48, 3381-3393.	2.4	19
5	Strain-rate dependent micromechanical method to investigate the strength properties of glass/epoxy composites. Composite Structures, 2014, 111, 232-239.	5.8	18
6	Investigating the effect of interphase and surrounding resin on carbon nanotube free vibration behavior. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 68, 42-52.	2.7	13
7	A combined micromechanicalâ€“numerical model to simulate shear behavior of carbon nanofiber/epoxy nanocomposites. Materials & Design, 2015, 67, 531-537.	5.1	12
8	A dynamic constitutive-micromechanical model to predict the strain rate-dependent mechanical behavior of carbon nanofiber/epoxy nanocomposites. Iranian Polymer Journal (English Edition), 2016, 25, 487-501.	2.4	12
9	Characterization and simulation of tensile behavior of graphene/polypropylene nanocomposites using a novel strain-rate-dependent micromechanics model. Journal of Thermoplastic Composite Materials, 2015, 28, 818-834.	4.2	10
10	A Novel Polymer Concrete Made From Fine Silica Sand and Polyester. Mechanics of Composite Materials, 2015, 51, 571-580.	1.4	9
11	Modeling of sheet molding compound compression molding under non-isothermal conditions. Journal of Reinforced Plastics and Composites, 2014, 33, 1183-1198.	3.1	7
12	A general micromechanical model to predict elastic and strength properties of balanced plain weave fabric composites. Journal of Composite Materials, 2017, 51, 2863-2878.	2.4	6
13	Effect of warp and fill-fiber volume fractions on mechanical properties of glass/epoxy woven fabric composites. Journal of Composite Materials, 2020, 54, 3501-3513.	2.4	4
14	Friction Forces between Sheet Molding Compound Charge and Mold Cavity Surface in Compression Molding. Key Engineering Materials, 0, 471-472, 733-738.	0.4	2
15	Detecting and locating delamination defect in multilayer pipes using torsional guided wave. Archive of Applied Mechanics, 2022, 92, 1037.	2.2	2
16	Effects of the addition of carbon nanofibers on mechanical properties of woven glass/epoxy composites with different weave patterns. Journal of Industrial Textiles, 0, , 152808372210942.	2.4	1