Vladimir Buljak

List of Publications by Year
in descending order

13	230	1307594 7	1372567 10
papers	citations	h-index	g-index

13	13	13	183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Skorohod-Olevsky viscous sintering model sensitivity to temperature distribution during the sintering process. FME Transactions, 2021, 49, 719-725.	1.4	0
2	Calibration of Druckerâ€“Prager Cap Constitutive Model for Ceramic Powder Compaction through Inverse Analysis. Materials, 2021, 14, 4044.	2.9	12
3	Simulating Fiber-Reinforced Concrete Mechanical Performance Using CT-Based Fiber Orientation Data. Materials, 2019, 12, 717.	2.9	6
4	Characterization of MgAl2O4 sintered ceramics. Science of Sintering, 2019, 51, 363-376.	1.4	12
5	Parameter identification in elastoplastic material models by Small Punch Tests and inverse analysis with model reduction. Meccanica, 2018, 53, 3815-3829.	2.0	5
6	Reduced order numerical modeling for calibration of complex constitutive models in powder pressing simulations. Science of Sintering, 2017, 49, 331-345.	1.4	3
7	Material model calibration through indentation test and stochastic inverse analysis. FME Transactions, 2017, 45, 109-116.	1.4	0
8	Materials Mechanical Characterizations and Structural Diagnoses by Inverse Analyses. , 2015, , 619-642.		2
9	MECHANICAL CHARACTERIZATION OF MATERIALS AND DIAGNOSIS OF STRUCTURES BY INVERSE ANALYSES: SOME INNOVATIVE PROCEDURES AND APPLICATIONS. International Journal of Computational Methods, 2014, 11, 1343002.	1.3	22
10	Inverse Analyses with Model Reduction. Computational Fluid and Solid Mechanics, 2012, , .	0.5	33
11	Assessment of elasticâ€“plastic material parameters comparatively by three procedures based on indentation test and inverse analysis. Inverse Problems in Science and Engineering, 2011, 19, 815-837.	1.2	28
12	An effective computational tool for parametric studies and identification problems in materials mechanics. Computational Mechanics, 2011, 48, 675-687.	4.0	34
13	Proper Orthogonal Decomposition and Radial Basis Functions in material characterization based on instrumented indentation. Engineering Structures, 2011, 33, 492-501.	5.3	73