Xiaozhe Ju

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4631539/publications.pdf

Version: 2024-02-01

18 papers	100 citations	1307594 7 h-index	1372567 10 g-index
18 all docs	18 docs citations	18 times ranked	31 citing authors

#	Article	IF	Citations
1	Goal-oriented error estimation and h-adaptive finite elements for hyperelastic micromorphic continua. Computational Mechanics, 2022, 69, 847-863.	4.0	3
2	Multiscale analysis of composite structures with goal-oriented mesh adaptivity and reduced order homogenization. Composite Structures, 2022, 292, 115699.	5.8	1
3	NTFA-enabled goal-oriented adaptive spaceâ€“time finite elements for micro-heterogeneous elastoplasticity problems. Computer Methods in Applied Mechanics and Engineering, 2022, 398, 115199.	6.6	3
4	A nonuniform transformation field analysis for composites with strength difference effects in elastoplasticity. International Journal of Solids and Structures, 2021, 228, 111103.	2.7	9
5	Non-linear mean-field modelling of UD composite laminates accounting for average asymmetric plasticity of the matrix, debonding and progressive failure. Composites Part B: Engineering, 2021, 224, 109209.	12.0	3
6	A method for predicting mechanical properties of composite microstructure with reduced dataset based on transfer learning. Composite Structures, 2021, 275, 114444.	5.8	11
7	An enhanced greedy algorithm for failure resistant material design with application to composite delamination. Composite Structures, 2021, 278, 114681.	5.8	4
8	Goal-oriented mesh adaptivity for inverse problems in linear micromorphic elasticity. Computers and Structures, 2021, 257, 106671.	4.4	3
9	Goalâ€oriented adaptivity based on a model hierarchy of meanâ€field and fullâ€field homogenization methods in linear elasticity. International Journal for Numerical Methods in Engineering, 2020, 121, 277-307.	2.8	8
10	Goal-oriented h-type adaptive finite elements for micromorphic elastoplasticity. Computer Methods in Applied Mechanics and Engineering, 2019, 351, 297-329.	6.6	12
11	Model adaptivity on meanâ€field and fullâ€field homogenization methods considering hierarchical unit cells. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900177.	0.2	0
12	Goal-oriented adaptivity for linear elastic micromorphic continua based on primal and adjoint consistency analysis. International Journal for Numerical Methods in Engineering, 2019, 117, 472-473.	2.8	0
13	Goalâ€oriented adaptivity for parameter identification in linear micromorphic elasticity. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800098.	0.2	1
14	Model adaptivity on effective elastic properties coupled with adaptive FEM. Computer Methods in Applied Mechanics and Engineering, 2017, 322, 208-237.	6.6	12
15	Goalâ€oriented adaptivity for linear elastic micromorphic continua based on primal and adjoint consistency analysis. International Journal for Numerical Methods in Engineering, 2017, 112, 1017-1039.	2.8	15
16	Error-controlled homogenization for a class of linear elastic composite problems. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 601-602.	0.2	0
17	Two accuracy improvements on nonuniform transformation field analysis for plasticity coupled to softening. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 527-528.	0.2	1
18	An NTFA-based homogenization framework considering softening effects. Mechanics of Materials, 2016, 96, 106-125.	3.2	14