

Xiaozhe Ju

List of Publications by Year in descending order

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18
papers

100
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1307594

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1372567

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times ranked

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