

Ning Liu

List of Publications by Year in descending order

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papers

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1040056

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13
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279
citing authors

#	ARTICLE	IF	CITATIONS
1	Buffet-Induced Structural Response Prediction of Aircraft Horizontal Stabilizers Based on Immersogeometric Analysis and an Isogeometric Blended Shell Approach. , 2022, , .		3
2	Isogeometric blended shells for dynamic analysis: simulating aircraft takeoff and the resulting fatigue damage on the horizontal stabilizer. Computational Mechanics, 2022, 70, 1013-1024.	4.0	3
3	Blended isogeometric Kirchhoff–Love and continuum shells. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114005.	6.6	13
4	A simplified continuum damage mechanics based modeling strategy for cumulative fatigue damage assessment of metallic bolted joints. International Journal of Fatigue, 2020, 131, 105302.	5.7	52
5	Data-Driven and Reduced-Order Modeling of Composite Drilling. , 2020, , .		8
6	An isogeometric continuum shell element for modeling the nonlinear response of functionally graded material structures. Composite Structures, 2020, 237, 111893.	5.8	42
7	Feature-preserving rational BÄzier triangles for isogeometric analysis of higher-order gradient damage models. Computer Methods in Applied Mechanics and Engineering, 2019, 357, 112585.	6.6	31
8	A mixed isogeometric analysis and control volume approach for heat transfer analysis of nonuniformly heated plates. Numerical Heat Transfer, Part B: Fundamentals, 2019, 75, 347-362.	0.9	23
9	A geometrically exact isogeometric Kirchhoff plate: Feature–preserving automatic meshing and C^1 rational triangular BÄzier spline discretizations. International Journal for Numerical Methods in Engineering, 2018, 115, 395-409.	2.8	55
10	Adaptive isogeometric analysis in structural frames using a layer-based discretization to model spread of plasticity. Computers and Structures, 2018, 196, 1-11.	4.4	37
11	Isogeometric analysis of laminated composite and functionally graded sandwich plates based on a layerwise displacement theory. Composite Structures, 2017, 176, 143-153.	5.8	95
12	Combining Load-Controlled and Displacement-Controlled Algorithms to Model Thermal-Mechanical Snap-Through Instabilities in Structures. Journal of Engineering Mechanics - ASCE, 2017, 143, 04017051.	2.9	31
13	A large deformation isogeometric continuum shell formulation incorporating finite strain elastoplasticity. Computational Mechanics, 0, , .	4.0	4