

Peng Hao

List of Publications by Year in descending order

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21
papers

1,026
citations

471509

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713466

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docs citations

21
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Knockdown factor of buckling load for axially compressed cylindrical shells: state of the art and new perspectives. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2022, 38, .	3.4	7
2	Post-buckling behavior of stiffened cylindrical shell and experimental validation under non-uniform external pressure and axial compression. <i>Thin-Walled Structures</i> , 2021, 161, 107481.	5.3	20
3	Post-buckling optimization of bending-induced variable stiffness composite cylinders considering worst geometric imperfections. <i>Thin-Walled Structures</i> , 2021, 169, 108489.	5.3	8
4	Incomplete reduced stiffness method for imperfection sensitivity of cylindrical shells. <i>Thin-Walled Structures</i> , 2020, 157, 107148.	5.3	9
5	Robust knockdown factors for the design of cylindrical shells under axial compression: Analysis and modeling of stiffened and unstiffened cylinders. <i>Thin-Walled Structures</i> , 2018, 127, 629-645.	5.3	56
6	Buckling of quasi-perfect cylindrical shell under axial compression: A combined experimental and numerical investigation. <i>International Journal of Solids and Structures</i> , 2018, 130-131, 232-247.	2.7	101
7	Simultaneous buckling design of stiffened shells with multiple cutouts. <i>Engineering Optimization</i> , 2017, 49, 1116-1132.	2.6	16
8	Fast procedure for Non-uniform optimum design of stiffened shells under buckling constraint. <i>Structural and Multidisciplinary Optimization</i> , 2017, 55, 1503-1516.	3.5	26
9	Optimization of Curvilinearly Stiffened Panels with Single Cutout Concerning the Collapse Load. <i>International Journal of Structural Stability and Dynamics</i> , 2016, 16, 1550036.	2.4	18
10	Numerical-based smeared stiffener method for global buckling analysis of grid-stiffened composite cylindrical shells. <i>Composite Structures</i> , 2016, 152, 807-815.	5.8	82
11	Integrated optimization of hybrid-stiffness stiffened shells based on sub-panel elements. <i>Thin-Walled Structures</i> , 2016, 103, 171-182.	5.3	39
12	Hybrid Framework for Reliability-Based Design Optimization of Imperfect Stiffened Shells. <i>AIAA Journal</i> , 2015, 53, 2878-2889.	2.6	99
13	Influence of imperfection distributions for cylindrical stiffened shells with weld lands. <i>Thin-Walled Structures</i> , 2015, 93, 177-187.	5.3	45
14	Hybrid analysis and optimization of hierarchical stiffened plates based on asymptotic homogenization method. <i>Composite Structures</i> , 2015, 132, 136-147.	5.8	64
15	Generatrix shape optimization of stiffened shells for low imperfection sensitivity. <i>Science China Technological Sciences</i> , 2014, 57, 2012-2019.	4.0	22
16	Two-stage size-layout optimization of axially compressed stiffened panels. <i>Structural and Multidisciplinary Optimization</i> , 2014, 50, 313-327.	3.5	45
17	Hybrid optimization of hierarchical stiffened shells based on smeared stiffener method and finite element method. <i>Thin-Walled Structures</i> , 2014, 82, 46-54.	5.3	91
18	Worst Multiple Perturbation Load Approach of stiffened shells with and without cutouts for improved knockdown factors. <i>Thin-Walled Structures</i> , 2014, 82, 321-330.	5.3	88

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19	Determination of realistic worst imperfection for cylindrical shells using surrogate model. <i>Structural and Multidisciplinary Optimization</i> , 2013, 48, 777-794.	3.5	66
20	Surrogate-based optimization of stiffened shells including load-carrying capacity and imperfection sensitivity. <i>Thin-Walled Structures</i> , 2013, 72, 164-174.	5.3	45
21	Surrogate-Based Optimum Design for Stiffened Shells with Adaptive Sampling. <i>AIAA Journal</i> , 2012, 50, 2389-2407.	2.6	79