

Kun Ye

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

163
citations

1307594

7
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the aerothermoelastic deformation on the performance of the three-dimensional hypersonic inlet. <i>Aerospace Science and Technology</i> , 2019, 84, 747-762.	4.8	42
2	Effects of plate vibration on the mixing and combustion of transverse hydrogen injection for scramjet. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 21343-21359.	7.1	25
3	Numerical investigation on the aerothermoelastic deformation of the hypersonic wing. <i>Acta Astronautica</i> , 2019, 160, 76-89.	3.2	21
4	Aerodynamic Optimization for Hypersonic Wing Design Based on Local Piston Theory. <i>Journal of Aircraft</i> , 2016, 53, 1065-1072.	2.4	10
5	Effects of aeroelasticity on the performance of hypersonic inlet. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2018, 232, 2108-2121.	1.3	10
6	Impacts of panel vibration on shock train structures and performance of two-dimensional isolators. <i>Aerospace Science and Technology</i> , 2020, 104, 105978.	4.8	10
7	Numerical investigation on the mechanism of the effects of plate vibration on mixing and combustion of transverse hydrogen injection. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 22636-22648.	7.1	9
8	Effects of flexible panels on normal shock trains and performance of scramjet isolators. <i>Aerospace Science and Technology</i> , 2021, 110, 106455.	4.8	9
9	Composite material structure optimization design and aeroelastic analysis on forward swept wing. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 4679-4695.	1.3	8
10	Analysis on location of maximum vibration amplitude in panel flutter. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 457-469.	1.3	5
11	Aerodynamic Nonlinearity of Piston Theory in Surface Vibration. <i>Journal of Aerospace Engineering</i> , 2020, 33, 04020035.	1.4	5
12	Effects of structural thermal boundary conditions on hypersonic aerothermoelasticity of all-movable control surface. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 2673-2689.	1.3	4
13	Active aeroelastic wing application on a forward swept wing configuration. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2019, 13, 1063-1079.	3.1	3
14	Numerical investigation of the influence of aerothermoelastic dynamic response on the performance of the three-dimensional hypersonic inlet. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2022, 236, 2131-2147.	1.3	2
15	Investigation of the stability of transverse hydrogen injection combustion caused by plate vibration using the dynamic mode decomposition method. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 0, , 095441002110301.	1.3	0