Zhiqiang Wan

List of Publications by Year
in descending order

16 papers	103 citations	1684188 5 h-index	1372567 10 g-index
16 all docs	16 docs citations	16 times ranked	83 citing authors

#	Article	IF	Citations
1	Geometrically Nonlinear Aeroelastic Scaling for Very Flexible Aircraft. AIAA Journal, 2014, 52, 2251-2260.	2.6	26
2	Aeroelastic optimization on composite skins of large aircraft wings. Science China Technological Sciences, 2012, 55, 1078-1085.	4.0	16
3	Aerothermal-aeroelastic two-way coupling method for hypersonic curved panel flutter. Science China Technological Sciences, 2012, 55, 831-840.	4.0	14
4	A method for static aeroelastic analysis based on the high-order panel method and modal method. Science China Technological Sciences, 2011, 54, 741-748.	4.0	9
5	Aeroelastic optimization design for wing with maneuver load uncertainties. Science China Technological Sciences, 2010, 53, 3102-3109.	4.0	8
6	Aeroelastic Optimization Design for High-Aspect-Ratio Wings with Large Deformation. Shock and Vibration, 2017, 2017, 1-16.	0.6	6
7	Studies on the influence of spar position on aeroelastic optimization of a large aircraft wing. Science China Technological Sciences, 2012, 55, 117-124.	4.0	5
8	Static aeroelastic analysis of a high-aspect-ratio wing based on wind-tunnel experimental aerodynamic forces. Science China Technological Sciences, 2011, 54, 2716-2722.	4.0	4
9	NURBS-Enhanced Meshfree Method with an Integration Subtraction Technique for Complex Topology. Applied Sciences (Switzerland), 2020, 10, 2587.	2.5	4
10	Method of the Jig Shape Design for a Flexible Wing. Journal of Aircraft, 2014, 51, 327-330.	2.4	3
11	A high-efficiency aerothermoelastic analysis method. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1111-1118.	5.1	3
12	Robust Aeroelastic Design Optimization of Hypersonic Wings Considering Uncertainty in Heat Flux. Transactions of the Japan Society for Aeronautical and Space Sciences, 2017, 60, 152-163.	0.7	3
13	Efficient strategies for constrained black-box optimization by intrinsically linear approximation (CBOILA). Engineering With Computers, 2020, , 1.	6.1	1
14	Aeroelastic Optimization Design of the Global Stiffness for a Joined Wing Aircraft. Applied Sciences (Switzerland), 2021, 11, 11800.	2.5	1
15	Design and Realization of New Conceptual Collectible Rotor for Compound Aircraft. Transactions of the Japan Society for Aeronautical and Space Sciences, 2021, 64, 112-122.	0.7	0
16	Nonlinear Unsteady Aerodynamics Reduced Order Model of Airfoils Based on Algorithm Fusion and Multifidelity Framework. International Journal of Aerospace Engineering, 2021, 2021, 1-26.	0.9	0