Dong-Hyun Kim

List of Publications by Year
in descending order

24 papers	644 citations	1040056 9 h-index	940533 16 g-index
24 all docs	24 docs citations	24 times ranked	352 citing authors

#	Article	IF	Citations
1	External Store Separation Analysis Using Moving and Deforming Mesh Method. Journal of the Korean Society for Aviation and Aeronautics, 2019, 27, 9-20.	0.3	0
2	A <scp>CFD</scp> study of coupled aerodynamic–hydrodynamic loads on a semisubmersible floating offshore wind turbine. Wind Energy, 2018, 21, 70-85.	4.2	54
3	Fully coupled aero-hydrodynamic analysis of a semi-submersible FOWT using a dynamic fluid body interaction approach. Renewable Energy, 2016, 92, 244-261.	8.9	96
4	A CFD study into the influence of unsteady aerodynamic interference on wind turbine surge motion. Renewable Energy, 2016, 90, 204-228.	8.9	112
5	Aerodynamic Interference Effect of Huge Wind Turbine Blades With Periodic Surge Motions Using Overset Grid-Based Computational Fluid Dynamics Approach. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.8	14
6	The platform pitching motion of floating offshore wind turbine: A preliminary unsteady aerodynamic analysis. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 142, 65-81.	3.9	109
7	The coupled dynamic response computation for a semi-submersible platform of floating offshore wind turbine. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 147, 104-119.	3.9	72
8	Extreme Load Estimation for a Large Wind Turbine Using CFD and Unsteady BEM. Lecture Notes in Computer Science, 2013, , 127-142.	1.3	3
9	Aeroelastic Response Analysis for Wing-Body Configuration Considering Shockwave and Flow Viscous Effects. Journal of the Korean Society for Aeronautical & Space Sciences, 2009, 37, 984-991.	0.1	0
10	Nonlinear Aeroelastic Simulation of a Full-Span Aircraft with Oscillating Control Surfaces. Journal of Aerospace Engineering, 2005, 18, 156-167.	1.4	9
11	Nonlinear Aeroelastic Computation of a Wing/Pylon/Finned-Store Using Parallel Computing. AIAA Journal, 2005, 43, 53-62.	2.6	27
12	Generalized Transonic Unsteady Aerodynamics via Computational-Fluid-Dynamics/ Indicial Approach.. AIAA Journal, 2005, 43, 915-917.	2.6	5
13	Nonlinearc Aeroelastic Analysis of an Airfoil Using CFD-Based Indicial Approach. Journal of Aircraft, 2005, 42, 1340-1344.	2.4	7
14	Supersonic Flutter and LCO of Airfoils via CFD/Analytical Combined Approach. , 2005, , .		2
15	Linear/Nonlinear Aeroelastic Computation of 2-D Lifting Surfaces Using a Combined CFD/Analytical Approach. , 2004, , .		3
16	Linear/Nonlinear Unsteady Aerodynamic Modeling of 2-D Lifting Surfaces via a Combined CFD/Analytical Approach. , 2003, , .		8
17	Transonic/Supersonic Aeroelastic Instability of an All Movable Wing with Structural Nonlinearity. , 2003, , .		0
18	Virtual Flutter Plight Test of a Full Configuration Aircraft with Pylon/External Stores. International Journal of Aeronautical and Space Sciences, 2003, 4, 34-44.	2.0	1

#	Article	IF	Citations
19	Nonlinear Flutter Characteristics of Composite Missile Wing in Transonic/Low-Supersonic Flows. Journal of Aircraft, 2002, 39, 889-892.	2.4	4
20	Angle-of-Attack Effect on Transonic/Supersonic Aeroelasticity of Wing-Box Model. Journal of Aircraft, 2002, 39, 906-908.	2.4	5
21	Nonlinear Aeroelastic Computation of Wings with Pylon/Finned-Store Using Parallel Unstructured Euler Solver. , 2002, , .		9
22	Transonic and supersonic flutter characteristics of a wing-box model with tip stores. , 2001, , .		10
23	TRANSONIC AND LOW-SUPERSONIC AEROELASTIC ANALYSIS OF A TWO-DEGREE-OF-FREEDOM AIRFOIL WITH A FREEPLAY NON-LINEARITY. Journal of Sound and Vibration, 2000, 234, 859-880.	3.9	73
24	Transonic and Low-Supersonic Aerodynamic Analysis of a Wing with Underpylon/Store. Journal of Aircraft, 2000, 37, 189-192.	2.4	21