Byung Joon Lee

List of Publications by Year
in descending order

17 papers	199 citations	1307594 7 h-index	1720034 7 g-index
17 all docs	17 docs citations	17 times ranked	83 citing authors

#	Article	IF	Citations
1	Aerodynamic Conceptual Design of Boundary Layer Ingestion Propulsor Systems: Hybrid Wingbody Aircraft with Propulsion-Airframe-Integration. , 2018, , .		3
2	Mitigation of Adverse Effects Caused by Shock Wave Boundary Layer Interactions through Optimal Wall Shaping. , 2013, , .		0
3	Characterization of Aerodynamic Performance of Boundary-Layer-Ingesting Inlet Under Crosswind. , 2012, , .		1
4	Minimizing Inlet Distortion for Hybrid Wing Body Aircraft. Journal of Turbomachinery, 2012, 134, .	1.7	12
5	Unsteady Adjoint Approach for Design Optimization of Flapping Airfoils. AIAA Journal, 2012, 50, 2460-2475.	2.6	15
6	Adjoint-Based Design Optimization of Vortex Generator in an S-Shaped Subsonic Inlet. AIAA Journal, 2012, 50, 2492-2507.	2.6	31
7	Exploring multi-stage shape optimization strategy of multi-body geometries using Kriging-based model and adjoint method. Computers and Fluids, 2012, 68, 71-87.	2.5	13
8	Non-Sinusoidal Trajectory Optimization of Flapping Airfoil Using Unsteady Adjoint Approach. , 2011, , .		6
9	Efficient Design Optimization of Vortex Generators in Subsonic Offset Inlet by Discrete Adjoint Approach. , 2011, , .		3
10	Minimizing Inlet Distortion for Hybrid Wing Body Aircraft. , 2010, , .		1
11	Optimizing a Boundary-Layer-Ingestion Offset Inlet by Discrete Adjoint Approach. AIAA Journal, 2010, 48, 2008-2016.	2.6	27
12	Shape and Trajectory Optimization of Flapping Airfoil. , 2010, , .		4
13	Re-Design of Boundary Layer Ingesting Offset Inlet via Passive Flow Control Manner. , 2010, , .		8
14	Adjoint Based Design Approach for Boundary Layer Ingestion Offset Intake. , 2009, , .		4
15	Aerodynamic Redesign Using Discrete Adjoint Approach on Overset Mesh System. Journal of Aircraft, 2008, 45, 1643-1653.	2.4	18
16	Automated design methodology of turbulent internal flow using discrete adjoint formulation. Aerospace Science and Technology, 2007, 11, 163-173.	4.8	44
17	Optimal Shape Design of the S-Shaped Subsonic Intake Using NURBS. , 2005, , .		9