

# Byung Joon Lee

## List of Publications by Year in descending order

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17  
papers

199  
citations

1307594

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1720034

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g-index

17  
all docs

17  
docs citations

17  
times ranked

83  
citing authors

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