

LIST OF PUBLICATIONS**Journal Papers**

1. W.S. Wong, **N. Qin**, N. Sellars, H. Holden, H. Babinsky, A combined experimental and numerical study of flow structures over three-dimensional shock control bumps, *Aerospace Science and Technology*, 12, 2008, pp436–447.
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5. C. Boller, C.M. Kuo, **N. Qin**, Biologically Inspired Shape Changing Aerodynamic Profiles and their Effect on Flight Performance of Future Aircraft, *Advances in Science and Technology*, 56, 2008, pp534-544.
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49. J Edwardsa, N Durrani, R Howelc and **N Qin**, Wind tunnel and numerical study of a small vertical axis wind turbine, *27th ASME Wind Energy Symposium*, AIAA-2008-1316
50. G. Carnie and **N Qin**, Fluid-Structure Interaction of HALE Wing Configuration with an Efficient Moving Grid Method, 46th AIAA Aerospace Sciences Meeting and Exhibit, 2008, AIAA-2008-309.
51. N Durrani and **N Qin**, Dynamic Mesh and Unsteady Flow for Flapping Airfoil with a Flexible Tail, 46th AIAA Aerospace Sciences Meeting and Exhibit, 2008, AIAA-2008-654.
52. C Kuo, C Boller and **N Qin**, Enhancing MAV Stability in Gusty Wind by Wing Flexibility: Analyses and Flight Tests, *Unmanned Air Vehicle Systems*, Bristol, United Kingdom 16 - 18 April 2007.
53. C. Boller, C Kuo, and **N Qin**, Approaching Morphing Wing Concepts on the Basis of Micro Aerial Vehicles, *SPIE Smart Structures and Materials & Nondestructive Evaluation and Health Monitoring*, 18 - 22 March 2007, San Diego, California USA
54. **N. Qin**, W.S. Wong, A. LeMoigne Adjoint-Based Optimisation of a Blended Wing Body Aircraft with Shock Control Bumps AIAA-2007-57, *45th AIAA Aerospace Sciences Meeting and Exhibit*, Reno, Nevada, Jan. 8-11, 2007
55. H. Xia and **N. Qin**, Comparison of Unsteady Laminar and DES Solutions of Synthetic Jet Flow, AIAA-2006-3161, *24th AIAA Applied Aerodynamics Conference*, San Francisco, California, June 5-8, 2006.
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125. D Perigo and **N. Qin**, A numerical investigation of the flows in and around annular plug nozzle configurations, Poster, 22nd International Congress of Aeronautical Sciences, Harrogate, August 2000.
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