

Publication details: Dr. ARUN KUMAR PERUMAL

1. Reynolds number effect on jet control and its scaling D Fan, Z Wu, AK Perumal, BR Noack, Y Zhou Bulletin of the American Physical Society
2. Passive control of coaxial jet with supersonic primary jet and sonic secondary jet P Arun Kumar, H Singh, E Rathakrishnan Physics of Fluids 32 (7), 076101
3. Empirical analysis of supersonic jet control using steady minijet injection AK Perumal, AK SM, R E AIAA Propulsion and Energy 2019 Forum, 4103
4. Impact of tab location relative to the nozzle exit on the shock structure of a supersonic jet P Arun Kumar, M Aileni, E Rathakrishnan Physics of Fluids 31 (7), 076104
5. Empirical scaling analysis of supersonic jet control using steady fluidic injection P Arun Kumar, SM Aravindh Kumar, A Surya Mitra, E Rathakrishnan Physics of Fluids 31 (5), 056107
6. Parametric study and scaling of jet manipulation using an unsteady minijet AK Perumal, Y Zhou Journal of Fluid Mechanics 848, 592-630
7. Fluidic injectors for supersonic jet control P Arun Kumar, SM Aravindh Kumar, A Surya Mitra, E Rathakrishnan Physics of Fluids 30 (12), 126101
8. Empirical scaling analysis of jet control using unsteady minijet A Kumar P, Z Y 21st Australasian Fluid Mechanics Conference, December 10-13, Adelaide ...
9. Duty cycle effect on jet control based on a single unsteady minijet FDW Cao H L, Arun Kumar P, Bai Lu 20th Australasian Fluid Mechanics Conference, December 5-8, 2016, Perth ...
10. An Experimental Study of Subsonic and Sonic Jets Controlled by Air-Tabs AK Perumal, S Verma, E Rathakrishnan 51st AIAA/SAE/ASEE Joint Propulsion Conference, 3886
11. Corrugated right-angled triangular tabs for supersonic jet control P Arun Kumar, E Rathakrishnan Proceedings of the Institution of Mechanical Engineers, Part G: Journal of ...
12. Experimental study of subsonic and sonic jets controlled by air tabs P Arun Kumar, SB Verma, E Rathakrishnan Journal of Propulsion and Power 31 (5), 1473-1481
13. Triangular tabs for supersonic jet mixing enhancement AP Kumar, E Rathakrishnan Aeronaut. J 118 (1209), 1245-1278
14. Corrugated triangular tabs for supersonic jet control PA Kumar, E Rathakrishnan Proceedings of the Institution of Mechanical Engineers, Part G: Journal of ...

15. Corrugated truncated triangular tabs for supersonic jet control P Arun Kumar, E Rathakrishnan Journal of fluids engineering 135 (9)
16. Truncated triangular tabs for supersonic-jet control PA Kumar, E Rathakrishnan Journal of Propulsion and Power 29 (1), 50-65