

Hiroto Nagai

List of Publications by Year in descending order

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17
papers

155
citations

1478505

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1199594

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all docs

17
docs citations

17
times ranked

150
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Vibration control of self-excited system and forced self-excited system by dynamic vibration absorber. Transactions of the JSME (in Japanese), 2021, 87, 20-00367-20-00367. | 0.2 | 0 |
| 2 | Development of Tailless Two-winged Flapping Drone with Gravity Center Position Control. Sensors and Materials, 2021, 33, 859. | 0.5 | 7 |
| 3 | Effect of material nonlinearity on the toughness evaluation in quasi-static mode II interlaminar fracture toughness tests of composite laminates. Engineering Fracture Mechanics, 2021, 253, 107879. | 4.3 | 6 |
| 4 | FUNDAMENTAL EFFECT OF VIBRATIONAL MODE ON VORTEX-INDUCED VIBRATION IN A BRIMMED DIFFUSER FOR A WIND TURBINE. International Journal of Energy for A Clean Environment, 2021, 22, 1-32. | 1.1 | 3 |
| 5 | Insect wing 3D printing. Scientific Reports, 2021, 11, 18631. | 3.3 | 10 |
| 6 | Topology Optimization-Based Damage Identification Using Visualized Ultrasonic Wave Propagation. Materials, 2020, 13, 33. | 2.9 | 12 |
| 7 | Experimental Study on Forewing and Hindwing Phasing in Hovering and Forward Flapping Flight. AIAA Journal, 2019, 57, 3779-3790. | 2.6 | 17 |
| 8 | Simple approach for modeling unidirectionally arrayed chopped strand laminates via the extended finite-element method. Composite Structures, 2019, 229, 111457. | 5.8 | 2 |
| 9 | Effect of micro in-plane fiber waviness on compressive properties of unidirectional fabric composites. Journal of Composite Materials, 2018, 52, 2065-2074. | 2.4 | 4 |
| 10 | Compressive failure analysis of quasi-isotropic composite laminates fabricated with quasi-unidirectional woven fabric. Journal of Composite Materials, 2016, 50, 231-241. | 2.4 | 4 |
| 11 | Effects of Flapping Wing Kinematics on Hovering and Forward Flight Aerodynamics. AIAA Journal, 2011, 49, 1750-1762. | 2.6 | 18 |
| 12 | Experimental and Theoretical Study of Attitude Control of Flapping Wing Micro Aerial Vehicle. , 2011, , . | | 1 |
| 13 | Flow Visualization of Aerodynamic Mechanism of Insect Flapping Wings using PIV. Journal of the Visualization Society of Japan, 2010, 30, 10. | 0.0 | 1 |
| 14 | Experimental and Numerical Study of Forward Flight Aerodynamics of Insect Flapping Wing. AIAA Journal, 2009, 47, 730-742. | 2.6 | 69 |
| 15 | Measurement of Unsteady Aerodynamic Forces of 3D Flapping Wing in Hovering Flight (2nd Report,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 536-544. | 0.2 | 0 |
| 16 | Measurement of Unsteady Aerodynamic Forces of 3D Flapping Wing in Hovering Flight (1st Report,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2007, 73, 2450-2458. | 0.2 | 0 |
| 17 | Aeroelastic Effect of Corrugation for an Insect-Sized Flapping Wing. AIAA Journal, 0, , 1-14. | 2.6 | 1 |