

Hiroto Nagai

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

155
citations

1478505

6
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Study of Forward Flight Aerodynamics of Insect Flapping Wing. AIAA Journal, 2009, 47, 730-742.	2.6	69
2	Effects of Flapping Wing Kinematics on Hovering and Forward Flight Aerodynamics. AIAA Journal, 2011, 49, 1750-1762.	2.6	18
3	Experimental Study on Forewing-Hindwing Phasing in Hovering and Forward Flapping Flight. AIAA Journal, 2019, 57, 3779-3790.	2.6	17
4	Topology Optimization-Based Damage Identification Using Visualized Ultrasonic Wave Propagation. Materials, 2020, 13, 33.	2.9	12
5	Insect wing 3D printing. Scientific Reports, 2021, 11, 18631.	3.3	10
6	Development of Tailless Two-winged Flapping Drone with Gravity Center Position Control. Sensors and Materials, 2021, 33, 859.	0.5	7
7	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
8	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
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	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
11	Simple approach for modeling unidirectionally arrayed chopped strand laminates via the extended finite-element method. Composite Structures, 2019, 229, 111457.	5.8	2
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	Aeroelastic Effect of Corrugation for an Insect-Sized Flapping Wing. AIAA Journal, 0, , 1-14.	2.6	1
15	Measurement of Unsteady Aerodynamic Forces of 3D Flapping Wing in Hovering Flight (1st Report,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2007, 73, 2450-2458.	0.2	0
16	Measurement of Unsteady Aerodynamic Forces of 3D Flapping Wing in Hovering Flight (2nd Report,) Tj ETQq0 0 0 rgBT /Overlock 10 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 536-544.	0.2	0
17	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