

Krzysztof S Sibilski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1741153/publications.pdf>

Version: 2024-02-01

36
papers

100
citations

1684188

5
h-index

1588992

8
g-index

37
all docs

37
docs citations

37
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifurcation Flight Dynamic Analysis of a Strake-Wing Micro Aerial Vehicle. Applied Sciences (Switzerland), 2021, 11, 1524.	2.5	5
2	Ground Speed Optical Estimator for Miniature UAV. Sensors, 2021, 21, 2754.	3.8	3
3	Identification of Fixed-Wing Micro Aerial Vehicle Aerodynamic Derivatives from Dynamic Water Tunnel Tests. Aerospace, 2020, 7, 116.	2.2	9
4	The Study of Aircraft Accidents Causes by Computer Simulations. Aerospace, 2020, 7, 41.	2.2	5
5	Methodology for Conducting Preliminary and State Tests of an Aerial Jet Target Set. Journal of KONBiN, 2020, 50, 305-318.	0.4	0
6	Mechanical and structural investigations of wings of selected insect species. Acta of Bioengineering and Biomechanics, 2020, 22, 199-209.	0.4	0
7	Nonlinear model predictive control of spacecraft relative motion. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 3906-3919.	1.3	2
8	Take-off and landing magnetic system for UAV carriers. Journal of Marine Engineering and Technology, 2017, 16, 298-304.	4.1	6
9	D-Optimal Simultaneous Multistep Excitations for Aircraft Parameter Estimation. Journal of Aircraft, 2017, 54, 747-758.	2.4	20
10	Simultaneous Multi-step Excitations for Aircraft System Identification. , 2016, , .		1
11	Experimental and Numerical Investigation of Entomopter Flapping Wings Aerodynamic Performance. , 2016, , .		2
12	The Gust Resistant MAV - Aerodynamic Measurements, Performance Analysis, and Flight Tests. , 2015, , .		6
13	STUDIES AND TESTS OF MICRO AERIAL VEHICLE DURING FLIGHT. Journal of KONES, 2015, 22, 155-162.	0.2	1
14	Spacecraft Rendezvous in Elliptical Orbit using Nonlinear Model Predictive Control. , 2014, , .		1
15	Neural Model of an Entomopter Aerodynamics. , 2014, , .		0
16	Control Algorithms for Satellite Rendezvous Maneuver in Elliptical Orbit. , 2014, , .		0
17	Modeling and Simulation of Flapping Wings Entomopter in Martian Atmosphere. GeoPlanet: Earth and Planetary Sciences, 2013, , 143-162.	0.2	3
18	Modeling, Simulation and Control of Microelectromechanical Flying Insect. Solid State Phenomena, 2013, 198, 206-219.	0.3	0

#	ARTICLE	IF	CITATIONS
19	3D Attitude Estimation in Indoor Environments with a Complementary Filter for the Special Orthogonal Group SO(3). Solid State Phenomena, 2013, 198, 153-158.	0.3	1
20	Influence of Cruise Flight Speed of Entomompter on Aerodynamics Loads. , 2013, , .		2
21	Prediction of Aircraft Spin Characteristics by Continuation And Bifurcation Methos. , 2012, , .		0
22	Water tunnel experimental investigation on the aerodynamic performance of flapping wings for nano air vehicles. , 2011, , .		3
23	The Influence of Free-Play and Friction in Elevator Control System on Aircraft Dynamics. , 2010, , .		1
24	Some Thoughts on Aircraft Accidents Reconstruction and Simulation: a Forensic Engineering Case Studies. , 2008, , .		2
25	Analysis of the Sensitivity of Aircraft Flight Control at High Angles of Attack. , 2008, , .		0
26	Entomopter Maneuverability Exchanged by Deformations Control of Flexible Flapping Wings. Journal of KONBiN, 2008, 8, 93-102.	0.4	0
27	PREDICTION OF HELICOPTER CRITICAL FLIGHT REGIMEN BY CONTINUATION AND BIFURCATION METHODS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 437-442.	0.4	0
28	Entomopter Manoeuvrability Enhancement by Deformations Control of Flexible Flapping Wings. , 2007, , .		1
29	Biomimic Sensors Guided Flight Stability and Control for Flapping Wings Autonomous Micro Air Vehicles (Entomopter). , 2007, , .		5
30	A Neural Model of Coefficients of Forces and Moments of Aerodynamic Forces for a Turboprop Aircraft. , 2006, , .		3
31	The Bifurcation Tailoring for Nonlinear Entomopter Control. , 2006, , .		0
32	An Inverse Simulation Study on Wing Adapter Kit Dynamics and Control in Prescribed Trajectory Flight. , 2006, , .		2
33	Numerical Investigation of the Flight Dynamics of an Agile Aircraft. , 2005, , .		0
34	Sensitivity Analysis for Dynamic Models of Aerial Munitions. , 2004, , .		1
35	Problems of Manoeuvring at Post-Critical Angles of Attack - Continuation and Bifurcation Methods Approach. , 2003, , .		5
36	Modelling and Simulation of Flapping Wing Control for a Micromechanical Flying Insect (Entomopter). , 2002, , .		10