

# Mikhail G Goman

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1362133/mikhail-g-goman-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

409  
citations

7  
h-index

20  
g-index

22  
ext. papers

508  
ext. citations

1.7  
avg, IF

3.18  
L-index

#	Paper	IF	Citations
21	Aerodynamic Modeling for Poststall Flight Simulation of a Transport Airplane. <i>Journal of Aircraft</i> , <b>2019</b> , 56, 1427-1440	1.6	14
20	Synthetic turbulence modeling for evaluation of ultrasonic cross-correlation flow measurement. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 60, 134-143	2.2	5
19	Wind Tunnel Manoeuvre Rig: A Multi-DOF Test Platform for Model Aircraft <b>2016</b> ,		2
18	Positivity-Preserving Runge-Kutta Discontinuous Galerkin Method on Adaptive Cartesian Grid for Strong Moving Shock. <i>Numerical Mathematics</i> , <b>2016</b> , 9, 87-110	1.5	9
17	Evaluation of Aircraft Model Upset Behaviour Using Wind Tunnel Manoeuvre Rig <b>2015</b> ,		5
16	A new immersed boundary method for compressible Navier-Stokes equations. <i>International Journal of Computational Fluid Dynamics</i> , <b>2013</b> , 27, 151-163	1.2	8
15	Adaptive Runge-Kutta discontinuous Galerkin method for complex geometry problems on Cartesian grid. <i>International Journal for Numerical Methods in Fluids</i> , <b>2013</b> , 73, n/a-n/a	1.9	3
14	Analysis of Aircraft Nonlinear Dynamics Using Non-Gradient Based Numerical Methods and Attainable Equilibrium Sets <b>2012</b> ,		6
13	Nonlinear Unsteady Aerodynamic Modeling by Volterra Variational Approach <b>2012</b> ,		4
12	SUPRA - Enhanced Upset Recovery Simulation <b>2012</b> ,		10
11	Characterisation of wind tunnel observed, large-amplitude pitch limit-cycles <b>2011</b> ,		4
10	Developing Scenarios for Research into Upset Recovery Simulation <b>2010</b> ,		12
9	A Multi-Degree-of-Freedom Rig for the Wind Tunnel Determination of Dynamic Data <b>2009</b> ,		6
8	Evaluation of Aircraft Performance and Maneuverability by Computation of Attainable Equilibrium Sets. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2008</b> , 31, 329-339	2.1	38
7	An LPV Control Law Design and Evaluation for the ADMIRE Model <b>2007</b> , 197-229		2
6	Investigation of the ADMIRE Manoeuvring Capabilities Using Qualitative Methods <b>2007</b> , 301-324		3
5	Regions of Attraction for Robustness Assessment <b>2003</b> ,		3

4	Flight Clearance Tools Using a Non-linear Bifurcation Analysis Framework <b>2003</b> ,		4
3	Controllability Region Analysis for Unstable Aircraft Dynamics <b>2002</b> ,		1
2	State-space representation of aerodynamic characteristics of an aircraft at high angles of attack. <i>Journal of Aircraft</i> , <b>1994</b> , 31, 1109-1115	1.6	268
1	Evaluating Longitudinal Unsteady Aerodynamic Effects in Stall for a T-Tail Transport Model. <i>Journal of Aircraft</i> , 1-13	1.6	1