

# Mikhail G Goman

## List of Publications by Citations

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

**Version:** 2024-04-28

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	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
20	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
19	Aerodynamic Modeling for Poststall Flight Simulation of a Transport Airplane. <i>Journal of Aircraft</i> , <b>2019</b> , 56, 1427-1440	1.6	14
18	Developing Scenarios for Research into Upset Recovery Simulation <b>2010</b> ,		12
17	SUPRA - Enhanced Upset Recovery Simulation <b>2012</b> ,		10
16	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
15	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
14	Analysis of Aircraft Nonlinear Dynamics Using Non-Gradient Based Numerical Methods and Attainable Equilibrium Sets <b>2012</b> ,		6
13	A Multi-Degree-of-Freedom Rig for the Wind Tunnel Determination of Dynamic Data <b>2009</b> ,		6
12	Evaluation of Aircraft Model Upset Behaviour Using Wind Tunnel Manoeuvre Rig <b>2015</b> ,		5
11	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
10	Nonlinear Unsteady Aerodynamic Modeling by Volterra Variational Approach <b>2012</b> ,		4
9	Characterisation of wind tunnel observed, large-amplitude pitch limit-cycles <b>2011</b> ,		4
8	Flight Clearance Tools Using a Non-linear Bifurcation Analysis Framework <b>2003</b> ,		4
7	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
6	Regions of Attraction for Robustness Assessment <b>2003</b> ,		3
5	Investigation of the ADMIRE Manoeuvring Capabilities Using Qualitative Methods <b>2007</b> , 301-324		3

4	Wind Tunnel Manoeuvre Rig: A Multi-DOF Test Platform for Model Aircraft <b>2016,</b>	2
3	An LPV Control Law Design and Evaluation for the ADMIRE Model <b>2007,</b> 197-229	2
2	Controllability Region Analysis for Unstable Aircraft Dynamics <b>2002,</b>	1
1	Evaluating Longitudinal Unsteady Aerodynamic Effects in Stall for a T-Tail Transport Model. <i>Journal of Aircraft</i> ,1-13	1.6 1