

# Kai Wicke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6329363/publications.pdf>

Version: 2024-02-01

8  
papers

79  
citations

1937685

4  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

36  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing prescriptive maintenance strategies in the aviation industry based on a discrete-event simulation framework for post-prognostics decision making. <i>Reliability Engineering and System Safety</i> , 2021, 214, 107812.	8.9	25
2	Insect Contamination Impact on Operational and Economic Effectiveness of Natural-Laminar-Flow Aircraft. <i>Journal of Aircraft</i> , 2016, 53, 158-167.	2.4	18
3	Introducing variance-based global sensitivity analysis for uncertainty enabled operational and economic aircraft technology assessment. <i>Aerospace Science and Technology</i> , 2022, 122, 107441.	4.8	9
4	A Modular Framework for the Life Cycle Based Evaluation of Aircraft Technologies, Maintenance Strategies, and Operational Decision Making Using Discrete Event Simulation. <i>Aerospace</i> , 2021, 8, 187.	2.2	8
5	Comparison of Direct Operating Cost and Life Cycle Cost-Benefit Methods in Aircraft Technology Assessment. , 2018, , .		7
6	Eeloscope™ Towards a Novel Endoscopic System Enabling Digital Aircraft Fuel Tank Maintenance. <i>Aerospace</i> , 2021, 8, 136.	2.2	6
7	Cloud Encounter Impact on Operational and Economical Effectiveness of Hybrid-Laminar-Flow-Control Aircraft. <i>Journal of Aircraft</i> , 2019, 56, 1513-1523.	2.4	4
8	A Detailed and Comparative Economic Analysis of Hybrid-Electric Aircraft Concepts Considering Environmental Assessment Factors. , 2022, , .		2