Klaus Janschek

List of Publications by Year
in descending order

17 papers	121 citations	1478505 6 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	106 citing authors

#	Article	IF	Citations
1	Model-based Stochastic Error Propagation Analysis for Cyber-Physical Systems. Acta Polytechnica Hungarica, 2020, 17, 15-28.	2.9	3
2	Stereo Visual-Inertial Fusion for UAV State Estimation. IFAC-PapersOnLine, 2020, 53, 9420-9425.	0.9	0
3	Model-Based Dependability Assessment of Phased-Mission Unmanned Aerial Vehicles. IFAC-PapersOnLine, 2020, 53, 8915-8922.	0.9	2
4	Motion Planning with Cartesian Workspace Information. IFAC-PapersOnLine, 2020, 53, 9826-9833.	0.9	0
5	Sensitivity Analysis of Model-based Impedance Control for Physically Interactive Hexarotor. IFAC-PapersOnLine, 2019, 52, 597-602.	0.9	1
6	Flatness-based open-loop and closed-loop control for electrostatic quasi-static microscanners using jerk-limited trajectory design. Mechatronics, 2018, 56, 318-331.	3.3	29
7	Stochastic Model-based Analysis of Timing Errors for Mechatronic Systems with User-defined General Discrete-time Distributions. IFAC-PapersOnLine, 2018, 51, 1417-1424.	0.9	0
8	SysML-based Profile for Dependable UAV Design. IFAC-PapersOnLine, 2018, 51, 1067-1074.	0.9	14
9	Modulating complex beams in amplitude and phase using fast tilt-micromirror arrays and phase masks. Optics Letters, 2018, 43, 2860.	3.3	1
10	Momentum enhancement factor estimation for asteroid redirect missions. Acta Astronautica, 2018, 151, 125-136.	3.2	4
11	Measurement strategy of the momentum enhancement beta-factor for Near Earth Object mitigation missions. , 2017, , .		2
12	Non-smooth predictive control for mechanical transmission systems with backlash-like hysteresis. Nonlinear Dynamics, 2016, 85, 2277-2295.	5.2	7
13	Towards Consistent State and Covariance Initialization for Monocular SLAM Filters. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 475-489.	3.4	2
14	Probabilistic error propagation model for mechatronic systems. Mechatronics, 2014, 24, 1189-1202.	3.3	30
15	Compensation of the attitude Instability effect on the imaging payload performance with optical correlators. Acta Astronautica, 2003, 52, 965-974.	3.2	14
16	Wieviel Internet braucht der Automatisierer? â€" Gedanken zu Internettechnologien als Ausbildungsinhalt (How much Internet needs the Automation Engineer? â€" Reflections on Internet) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
17	Application of industrial CAN bus technology for LEO-satellites. Acta Astronautica, 2000, 46, 313-317.	3.2	12