

Klaus Janschek

List of Publications by Year in descending order

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Version: 2024-02-01

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