

Kjell Andersson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/809733/publications.pdf>

Version: 2024-02-01

23
papers

105
citations

1684188

5
h-index

1474206

9
g-index

23
all docs

23
docs citations

23
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of novel chassis suspended machines for sustainable forestry. Journal of Terramechanics, 2015, 58, 59-68.	3.1	18
2	A stiffness modeling methodology for simulation-driven design of haptic devices. Engineering With Computers, 2014, 30, 125-141.	6.1	16
3	An Optimization Approach Toward a Robust Design of Six Degrees of Freedom Haptic Devices. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	11
4	Jacobian Matrix Normalization - A Comparison of Different Approaches in the Context of Multi-Objective Optimization of 6-DOF Haptic Devices. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 79, 87-100.	3.4	11
5	A Proposal to a Product Modelling Language to Support Conceptual Design. CIRP Annals - Manufacturing Technology, 1995, 44, 129-132.	3.6	9
6	A model-based and simulation-driven methodology for design of haptic devices. Mechatronics, 2014, 24, 805-818.	3.3	8
7	Optimal design of a 6-Dof haptic device. , 2011, , .		6
8	A design approach for a new 6-DoF haptic device based on parallel kinematics. , 2009, , .		4
9	Dynamic based control strategy for haptic devices. , 2011, , .		4
10	A Position-Control Based Approach to Haptic Rendering of Stiff Objects. IEEE Transactions on Haptics, 2021, 14, 646-659.	2.7	4
11	Using Model-Based Design in Engineering Design Education. , 2012, , .		3
12	Towards a Methodology for Multidisciplinary Design Optimization of Haptic Devices. , 2015, , .		2
13	Evaluation of a Model Based Learning Approach for Engineering Design. , 2015, , .		2
14	Situated Design Optimization of Haptic Devices. Procedia CIRP, 2016, 50, 293-298.	1.9	2
15	A New Approach to Haptic Rendering by Position Control. , 2019, , .		2
16	A Comparative Study of Friction Estimation and Compensation Using Extended, Iterated, Hybrid, and Unscented Kalman Filters. , 2013, , .		1
17	Development of dynamic base model of a bogie suspended forwarder. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, 231, 357-371.	0.8	1
18	A position control-based approach to haptic rendering of stiff objects using piece-wise linear model. Advances in Mechanical Engineering, 2021, 13, 168781402110648.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Evaluation of Friction Models for Haptic Devices. , 2013, , .		0
20	Impact of Model-Based Design in Engineering Design Education. , 2013, , .		0
21	A Model-Based and Simulation Driven Design Approach for Haptic Devices. , 2013, , .		0
22	A Joint-space Position Control-based Approach to Haptic Rendering of Stiff Objects using Gain Scheduling. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 103, 1.	3.4	0
23	A Deterministic and Probabilistic Approach for Robust Optimal Design of a 6-DOF Haptic Device. , 2013, , .		0