Stefan Schulz

List of Publications by Year
in descending order

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14	41	2258059	2053705
papers	citations	3	5
		h-index	g-index

16	16	16	21
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sensor concept for solving the direct kinematics problem of the Stewart-Gough platform. , 2017, , .		8
2	On the Direct Kinematics Problem of Parallel Mechanisms. Journal of Robotics, 2018, 2018, 1-9.	0.9	6
3	Closed-form Solution for the Direct Kinematics Problem of the Planar 3-RPR Parallel Mechanism. , 2018, , .		4
4	Passive Rotation Compensation in Parallel Kinematics Using Quaternions. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 51-52.	0.2	3
5	Performance of an IMU-Based Sensor Concept for Solving the Direct Kinematics Problem of the Stewart-Gough Platform. , 2018, , .		3
6	Performance Evaluation of a Sensor Concept for Solving the Direct Kinematics Problem of General Planar 3-RPR Parallel Mechanisms by Using Solely the Linear Actuatorsâ€™ Orientations. Robotics, 2019, 8, 72.	3.5	3
7	High-Precision Absolute Pose Sensing for Parallel Mechanisms. Sensors, 2022, 22, 1995.	3.8	3
8	New Prototype of the Two-Legged Robot CENTAUROB. , 2015, , .		2
9	Comparison of Three Methods of Length Compensation in a Parallel Kinematic and Their Equivalence Conditions. MATEC Web of Conferences, 2018, 198, 02003.	0.2	2
10	Passive Rotation of Rotational Joints and Its Computation Method. Mechanisms and Machine Science, 2019, , 357-366.	0.5	2
11	Robot system for the sustainable mobility assurance in the assistance and care. , 2016, , .		1
12	On Using Inertial Measurement Units for Solving the Direct Kinematics Problem of Parallel Mechanisms. Robotics, 2019, 8, 99.	3.5	1
13	On the origin of passive rotation in rotational joints, and how to calculate it. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900298.	0.2	1
14	Structural Synthesis of Parallel Robots with Unguided Linear Actuators. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 169-170.	0.2	0