

# Stefan Schulz

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

41  
citations

2258059

3  
h-index

2053705

5  
g-index

16  
all docs

16  
docs citations

16  
times ranked

21  
citing authors

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