

# Johannes Schlarp

## List of Publications by Year in descending order

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16  
papers

186  
citations

1478505

6  
h-index

1372567

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g-index

17  
all docs

17  
docs citations

17  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and Reduction of Speckle-induced Uncertainty in Laser Triangulation Sensors. , 2022, , .		2
2	Atomic Force Microscopy Breaking Through the Vertical Range-Bandwidth Tradeoff. IEEE Transactions on Industrial Electronics, 2021, 68, 786-795.	7.9	6
3	Turbulence load prediction for manned and unmanned aircraft by means of anticipating differential pressure measurements. CEAS Aeronautical Journal, 2021, 12, 535-548.	1.7	2
4	Optical Scanning of a Laser Triangulation Sensor for 3-D Imaging. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3606-3613.	4.7	25
5	Design and control of a MAGLEV platform for positioning in arbitrary orientations. , 2020, , .		10
6	Design of a Mechanical Tunable Resonant Fast Steering Mirror. , 2020, , .		0
7	Design and evaluation of an integrated scanning laser triangulation sensor. Mechatronics, 2020, 72, 102453.	3.3	16
8	Optically scanned laser line sensor. , 2020, , .		0
9	High-speed scanning chromatic confocal sensor for 3-D imaging with modeling-free learning control. Applied Optics, 2020, 59, 9234.	1.8	11
10	System Integration and Control for 3D Scanning Laser Metrology. IEEE Journal of Industry Applications, 2019, 8, 207-217.	1.1	9
11	Scanning laser triangulation sensor geometry maintaining imaging condition. IFAC-PapersOnLine, 2019, 52, 301-306.	0.9	5
12	Influence of Scheimpflug condition on measurements of a scanning laser line sensor for 3D imaging. Journal of Physics: Conference Series, 2018, 1065, 142006.	0.4	2
13	Feature detection and scan area selection for 3D laser scanning sensors. , 2018, , .		2
14	Optical scanning of laser line sensors for 3D imaging. Applied Optics, 2018, 57, 5242.	1.8	34
15	High-Performance Hybrid-Reluctance-Force-Based Tip/Tilt System: Design, Control, and Evaluation. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2494-2502.	5.8	49
16	Bandwidth extension of hybrid-reluctance-force-based tip/tilt system by reduction of eddy currents. , 2017, , .		13