

# Jae-Sang Hyun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8000409/publications.pdf>

Version: 2024-02-01

16  
papers

456  
citations

1307594

7  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Portable high-resolution automated 3D imaging for footwear and tire impression capture. Journal of Forensic Sciences, 2021, 66, 112-128.	1.6	6
2	Uniaxial three-dimensional phase-shifting profilometry using a dual-telecentric structured light system in micro-scale devices. Measurement Science and Technology, 2020, 31, 085003.	2.6	8
3	Active stereo-vision 3D perception system for precise autonomous vehicle hitching. , 2020, , .		0
4	High-speed three-dimensional absolute shape measurement with three projected binary patterns. Optical Engineering, 2020, 59, 1.	1.0	10
5	Autofocusing method for high-resolution three-dimensional profilometry. Optics Letters, 2020, 45, 375.	3.3	18
6	Influence of projector pixel shape on ultrahigh-resolution 3D shape measurement. Optics Express, 2020, 28, 9510.	3.4	4
7	Evaluation of Fast, High-detail Projected Light 3D Sensing for Robots in Construction. , 2019, , .		0
8	Phase-based Stereo Matching for High-accuracy Three-dimensional Optical Sensing. , 2019, , .		1
9	High-speed 3D imaging with three binary patterns using Hilbert transform. , 2019, , .		0
10	High-speed and high-accuracy 3D surface measurement using a mechanical projector. Optics Express, 2018, 26, 1474.	3.4	67
11	High-speed 3D imaging using digital binary defocusing method vs sinusoidal method. , 2017, , .		2
12	High-speed 3D surface measurement with mechanical projector. , 2017, , .		3
13	Superfast 3D absolute shape measurement using five binary patterns. Optics and Lasers in Engineering, 2017, 90, 217-224.	3.8	58
14	High-speed high-accuracy three-dimensional shape measurement using digital binary defocusing method versus sinusoidal method. Optical Engineering, 2017, 56, 074102.	1.0	17
15	Pixel-wise absolute phase unwrapping using geometric constraints of structured light system. Optics Express, 2016, 24, 18445.	3.4	170
16	Enhanced two-frequency phase-shifting method. Applied Optics, 2016, 55, 4395.	2.1	92