

Song Zhang

List of Publications by Year in descending order

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229
papers

12,109
citations

31902

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105
g-index

232
all docs

232
docs citations

232
times ranked

4601
citing authors

#	ARTICLE	IF	CITATIONS
1	The status, challenges, and future of additive manufacturing in engineering. CAD Computer Aided Design, 2015, 69, 65-89.	1.4	1,725
2	Recent progresses on real-time 3D shape measurement using digital fringe projection techniques. Optics and Lasers in Engineering, 2010, 48, 149-158.	2.0	868
3	High-speed 3D shape measurement with structured light methods: A review. Optics and Lasers in Engineering, 2018, 106, 119-131.	2.0	550
4	Novel method for structured light system calibration. Optical Engineering, 2006, 45, 083601.	0.5	516
5	Flexible 3-D shape measurement using projector defocusing. Optics Letters, 2009, 34, 3080.	1.7	364
6	Absolute phase retrieval methods for digital fringe projection profilometry: A review. Optics and Lasers in Engineering, 2018, 107, 28-37.	2.0	302
7	Superfast phase-shifting method for 3-D shape measurement. Optics Express, 2010, 18, 9684.	1.7	262
8	High-resolution, real-time 3D absolute coordinate measurement based on a phase-shifting method. Optics Express, 2006, 14, 2644.	1.7	247
9	Generic nonsinusoidal phase error correction for three-dimensional shape measurement using a digital video projector. Applied Optics, 2007, 46, 36.	2.1	243
10	Fast three-step phase-shifting algorithm. Applied Optics, 2006, 45, 5086.	2.1	211
11	High-resolution, real-time three-dimensional shape measurement. Optical Engineering, 2006, 45, 123601.	0.5	209
12	Novel phase-coding method for absolute phase retrieval. Optics Letters, 2012, 37, 2067.	1.7	186
13	Status, challenges, and future perspectives of fringe projection profilometry. Optics and Lasers in Engineering, 2020, 135, 106193.	2.0	178
14	Multilevel quality-guided phase unwrapping algorithm for real-time three-dimensional shape reconstruction. Applied Optics, 2007, 46, 50.	2.1	171
15	Pixel-wise absolute phase unwrapping using geometric constraints of structured light system. Optics Express, 2016, 24, 18445.	1.7	170
16	High-resolution, real-time three-dimensional shape measurement on graphics processing unit. Optical Engineering, 2014, 53, 1.	0.5	167
17	Novel calibration method for structured-light system with an out-of-focus projector. Applied Optics, 2014, 53, 3415.	0.9	154
18	High dynamic range scanning technique. Optical Engineering, 2009, 48, 033604.	0.5	152

#	ARTICLE	IF	CITATIONS
19	Three-dimensional shape measurement with binary dithered patterns. <i>Applied Optics</i> , 2012, 51, 6631.	0.9	142
20	Optimal pulse width modulation for sinusoidal fringe generation with projector defocusing. <i>Optics Letters</i> , 2010, 35, 4121.	1.7	130
21	Superfast multifrequency phase-shifting technique with optimal pulse width modulation. <i>Optics Express</i> , 2011, 19, 5149.	1.7	128
22	State-of-the-art active optical techniques for three-dimensional surface metrology: a review [Invited]. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, B60.	0.8	125
23	Some recent advances on superfast 3D shape measurement with digital binary defocusing techniques. <i>Optics and Lasers in Engineering</i> , 2014, 54, 236-246.	2.0	123
24	Phase error compensation for three-dimensional shape measurement with projector defocusing. <i>Applied Optics</i> , 2011, 50, 2572.	2.1	113
25	3D absolute shape measurement of live rabbit hearts with a superfast two-frequency phase-shifting technique. <i>Optics Express</i> , 2013, 21, 5822.	1.7	107
26	High Resolution Acquisition, Learning and Transfer of Dynamic 3-D Facial Expressions. <i>Computer Graphics Forum</i> , 2004, 23, 677-686.	1.8	106
27	Ultrafast 3-D shape measurement with an off-the-shelf DLP projector. <i>Optics Express</i> , 2010, 18, 19743.	1.7	106
28	GPU-assisted high-resolution, real-time 3-D shape measurement. <i>Optics Express</i> , 2006, 14, 9120.	1.7	103
29	High-speed three-dimensional shape measurement system using a modified two-plus-one phase-shifting algorithm. <i>Optical Engineering</i> , 2007, 46, 113603.	0.5	100
30	Flexible 3D shape measurement using projector defocusing: extended measurement range. <i>Optics Letters</i> , 2010, 35, 934.	1.7	98
31	Digital sinusoidal fringe pattern generation: Defocusing binary patterns VS focusing sinusoidal patterns. <i>Optics and Lasers in Engineering</i> , 2010, 48, 561-569.	2.0	97
32	Phase unwrapping error reduction framework for a multiple-wavelength phase-shifting algorithm. <i>Optical Engineering</i> , 2009, 48, 105601.	0.5	94
33	Phase error compensation for a 3-D shape measurement system based on the phase-shifting method. <i>Optical Engineering</i> , 2007, 46, 063601.	0.5	93
34	Enhanced two-frequency phase-shifting method. <i>Applied Optics</i> , 2016, 55, 4395.	2.1	92
35	Absolute three-dimensional shape measurement using coded fringe patterns without phase unwrapping or projector calibration. <i>Optics Express</i> , 2014, 22, 1287.	1.7	91
36	3D shape measurement technique for multiple rapidly moving objects. <i>Optics Express</i> , 2011, 19, 8539.	1.7	87

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37	Autoexposure for three-dimensional shape measurement using a digital-light-processing projector. <i>Optical Engineering</i> , 2011, 50, 123603.	0.5	86
38	High dynamic range real-time 3D shape measurement. <i>Optics Express</i> , 2016, 24, 7337.	1.7	83
39	Genetic method to optimize binary dithering technique for high-quality fringe generation. <i>Optics Letters</i> , 2013, 38, 540.	1.7	78
40	High Resolution Tracking of Non-Rigid Motion of Densely Sampled 3D Data Using Harmonic Maps. <i>International Journal of Computer Vision</i> , 2008, 76, 283-300.	10.9	76
41	Flexible calibration method for microscopic structured light system using telecentric lens. <i>Optics Express</i> , 2015, 23, 25795.	1.7	74
42	High-Resolution, Real-time 3D Shape Acquisition. , 0, , .		72
43	Trapezoidal phase-shifting method for three-dimensional shape measurement. <i>Optical Engineering</i> , 2005, 44, 123601.	0.5	71
44	High-speed absolute three-dimensional shape measurement using three binary dithered patterns. <i>Optics Express</i> , 2014, 22, 26752.	1.7	69
45	Comparative study on passive and active projector nonlinear gamma calibration. <i>Applied Optics</i> , 2015, 54, 3834.	2.1	69
46	High-speed and high-accuracy 3D surface measurement using a mechanical projector. <i>Optics Express</i> , 2018, 26, 1474.	1.7	67
47	High-accuracy, high-speed 3D structured light imaging techniques and potential applications to intelligent robotics. <i>International Journal of Intelligent Robotics and Applications</i> , 2017, 1, 86-103.	1.6	66
48	Phase-optimized dithering technique for high-quality 3D shape measurement. <i>Optics and Lasers in Engineering</i> , 2013, 51, 790-795.	2.0	63
49	Method for out-of-focus camera calibration. <i>Applied Optics</i> , 2016, 55, 2346.	2.1	61
50	Single-shot absolute 3D shape measurement with Fourier transform profilometry. <i>Applied Optics</i> , 2016, 55, 5219.	2.1	59
51	Comparison of the squared binary, sinusoidal pulse width modulation, and optimal pulse width modulation methods for three-dimensional shape measurement with projector defocusing. <i>Applied Optics</i> , 2012, 51, 861.	0.9	58
52	Composite phase-shifting algorithm for absolute phase measurement. <i>Optics and Lasers in Engineering</i> , 2012, 50, 1538-1541.	2.0	58
53	Superfast 3D absolute shape measurement using five binary patterns. <i>Optics and Lasers in Engineering</i> , 2017, 90, 217-224.	2.0	58
54	Rapid and automatic optimal exposure control for digital fringe projection technique. <i>Optics and Lasers in Engineering</i> , 2020, 128, 106029.	2.0	56

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55	High-quality fringe pattern generation using binary pattern optimization through symmetry and periodicity. <i>Optics and Lasers in Engineering</i> , 2014, 52, 195-200.	2.0	53
56	Motion-induced error reduction by combining Fourier transform profilometry with phase-shifting profilometry. <i>Optics Express</i> , 2016, 24, 23289.	1.7	53
57	High-quality 3D shape measurement using saturated fringe patterns. <i>Optics and Lasers in Engineering</i> , 2016, 87, 83-89.	2.0	52
58	Three-dimensional shape measurement using a structured light system with dual cameras. <i>Optical Engineering</i> , 2008, 47, 013604.	0.5	51
59	Microscopic structured light 3D profilometry: Binary defocusing technique vs. sinusoidal fringe projection. <i>Optics and Lasers in Engineering</i> , 2017, 96, 117-123.	2.0	51
60	Motion-induced error compensation for phase shifting profilometry. <i>Optics Express</i> , 2018, 26, 12632.	1.7	51
61	Accurate calibration for 3D shape measurement system using a binary defocusing technique. <i>Optics and Lasers in Engineering</i> , 2013, 51, 514-519.	2.0	49
62	Three-dimensional profilometry with nearly focused binary phase-shifting algorithms. <i>Optics Letters</i> , 2011, 36, 4518.	1.7	48
63	Intensity-optimized dithering technique for three-dimensional shape measurement with projector defocusing. <i>Optics and Lasers in Engineering</i> , 2014, 53, 79-85.	2.0	46
64	Pixel-by-pixel absolute phase retrieval using three phase-shifted fringe patterns without markers. <i>Optics and Lasers in Engineering</i> , 2017, 91, 232-241.	2.0	45
65	Three-dimensional shape measurement using a structured light system with dual projectors. <i>Applied Optics</i> , 2018, 57, 3983.	0.9	44
66	Structured light system calibration method with optimal fringe angle. <i>Applied Optics</i> , 2014, 53, 7942.	2.1	43
67	Motion induced phase error reduction using a Hilbert transform. <i>Optics Express</i> , 2018, 26, 34224.	1.7	43
68	Method for large-range structured light system calibration. <i>Applied Optics</i> , 2016, 55, 9563.	2.1	42
69	3D shape measurement with 2D area modulated binary patterns. <i>Optics and Lasers in Engineering</i> , 2012, 50, 917-921.	2.0	41
70	Optimal Path Planning and Control of Assembly Robots for Hard-Measuring Easy-Deformation Assemblies. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017, 22, 1600-1609.	3.7	41
71	Composite phase-shifting algorithm for three-dimensional shape compression. <i>Optical Engineering</i> , 2010, 49, 063604.	0.5	40
72	High-resolution 3D profilometry with binary phase-shifting methods. <i>Applied Optics</i> , 2011, 50, 1753.	2.1	39

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73	Mapping cardiac surface mechanics with structured light imaging. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H712-H720.	1.5	39
74	High-resolution, real-time 3D imaging with fringe analysis. Journal of Real-Time Image Processing, 2012, 7, 55-66.	2.2	39
75	Novel 3D video for quantification of facial movement. Otolaryngology - Head and Neck Surgery, 2008, 138, 468-472.	1.1	38
76	Superfast high-resolution absolute 3D recovery of a stabilized flapping flight process. Optics Express, 2017, 25, 27270.	1.7	36
77	Absolute three-dimensional shape measurement with a known object. Optics Express, 2017, 25, 10384.	1.7	35
78	Digital multiple wavelength phase shifting algorithm. Proceedings of SPIE, 2009, , .	0.8	32
79	A comparison of food portion size estimation using geometric models and depth images. , 2016, 2016, 26-30.		32
80	Optimal fringe angle selection for digital fringe projection technique. Applied Optics, 2013, 52, 7094.	0.9	30
81	Pixel-by-pixel absolute three-dimensional shape measurement with modified Fourier transform profilometry. Applied Optics, 2017, 56, 1472.	2.1	30
82	Calibration method for panoramic 3D shape measurement with plane mirrors. Optics Express, 2019, 27, 36538.	1.7	28
83	High resolution tracking of non-rigid 3D motion of densely sampled data using harmonic maps. , 2005, , .		26
84	Large depth-of-field 3D shape measurement using an electrically tunable lens. Optics Express, 2019, 27, 29697.	1.7	26
85	Depth-driven variable-frequency sinusoidal fringe pattern for accuracy improvement in fringe projection profilometry. Optics Express, 2018, 26, 19986.	1.7	25
86	Fast Registration Methodology for Fastener Assembly of Large-Scale Structure. IEEE Transactions on Industrial Electronics, 2017, 64, 717-726.	5.2	24
87	Flexible and high-accuracy method for uni-directional structured light system calibration. Optics and Lasers in Engineering, 2021, 143, 106637.	2.0	24
88	Hybrid calibration procedure for fringe projection profilometry based on stereo vision and polynomial fitting. Applied Optics, 2020, 59, D163.	0.9	24
89	Holographic video: Real-time 3D range video encoding and decoding on GPU. Optics and Lasers in Engineering, 2012, 50, 280-286.	2.0	23
90	Double-pattern triangular pulse width modulation technique for high-accuracy high-speed 3D shape measurement. Optics Express, 2017, 25, 30177.	1.7	22

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91	Holoimages. , 2006, , .		21
92	Three-dimensional range data compression using computer graphics rendering pipeline. Applied Optics, 2012, 51, 4058.	0.9	21
93	Quantification of transient behavior of wind-driven surface droplet/rivulet flows using a digital fringe projection technique. Journal of Visualization, 2015, 18, 705-718.	1.1	21
94	A self-recalibration method based on scale-invariant registration for structured light measurement systems. Optics and Lasers in Engineering, 2017, 88, 75-81.	2.0	21
95	Dynamic projection theory for fringe projection profilometry. Applied Optics, 2017, 56, 8452.	0.9	21
96	Comparative study on 3D optical sensors for short range applications. Optics and Lasers in Engineering, 2022, 149, 106763.	2.0	21
97	Influence of different aspect ratio additives on the performance of lead-acid batteries. Journal of Power Sources, 2004, 135, 297-303.	4.0	20
98	Simultaneous three-dimensional geometry and color texture acquisition using a single color camera. Optical Engineering, 2008, 47, 1.	0.5	20
99	Multiwavelength depth encoding method for 3D range geometry compression. Applied Optics, 2015, 54, 10684.	2.1	20
100	Three-dimensional absolute shape measurement by combining binary statistical pattern matching with phase-shifting methods. Applied Optics, 2017, 56, 5418.	2.1	20
101	Flexible real-time natural 2D color and 3D shape measurement. Optics Express, 2013, 21, 16736.	1.7	19
102	Toward superfast three-dimensional optical metrology with digital micromirror device platforms. Optical Engineering, 2014, 53, 112206.	0.5	19
103	A convenient 3D reconstruction model based on parallel-axis structured light system. Optics and Lasers in Engineering, 2021, 138, 106366.	2.0	18
104	Autofocusing method for a digital fringe projection system with dual projectors. Optics Express, 2020, 28, 12609.	1.7	18
105	Autofocusing method for high-resolution three-dimensional profilometry. Optics Letters, 2020, 45, 375.	1.7	18
106	A Hierarchical Framework For High Resolution Facial Expression Tracking. , 0, , .		17
107	Experimental and theoretical investigation of nonconductive additives on the performance of positive lead acid battery plates. Journal of Power Sources, 2013, 230, 15-24.	4.0	17
108	High-speed high-accuracy three-dimensional shape measurement using digital binary defocusing method versus sinusoidal method. Optical Engineering, 2017, 56, 074102.	0.5	17

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109	Novel method for measuring a dense 3D strain map of robotic flapping wings. Measurement Science and Technology, 2018, 29, 045402.	1.4	17
110	Absolute phase-assisted three-dimensional data registration for a dual-camera structured light system. Applied Optics, 2008, 47, 3134.	2.1	16
111	Uniaxial three-dimensional shape measurement with projector defocusing. Optical Engineering, 2012, 51, 1.	0.5	16
112	Fourier transform profilometry using a binary area modulation technique. Optical Engineering, 2012, 51, 113602.	0.5	15
113	High-resolution, real-time simultaneous 3D surface geometry and temperature measurement. Optics Express, 2016, 24, 14552.	1.7	15
114	Three-dimensional range geometry compression via phase encoding. Applied Optics, 2017, 56, 9285.	0.9	15
115	Digital micromirror transient response influence on superfast 3D shape measurement. Optics and Lasers in Engineering, 2014, 58, 19-26.	2.0	14
116	Optimization of a Statistical Algorithm for Objective Comparison of Toolmarks. Journal of Forensic Sciences, 2015, 60, 303-314.	0.9	14
117	3D range geometry video compression with the H.264 codec. Optics and Lasers in Engineering, 2013, 51, 620-625.	2.0	13
118	Large depth-of-field three-dimensional shape measurement with the focal sweep technique. Optics Express, 2020, 28, 31197.	1.7	13
119	High-resolution, High-speed 3-D Dynamically Deformable Shape Measurement Using Digital Fringe Projection Techniques. , 0, , .		12
120	Computer-aided-design-model-assisted absolute three-dimensional shape measurement. Applied Optics, 2017, 56, 6770.	0.9	12
121	Absolute phase unwrapping for dual-camera system without embedding statistical features. Optical Engineering, 2017, 56, 1.	0.5	12
122	Trapezoidal phase-shifting method for 3D shape measurement. , 2004, , .		11
123	High dynamic range scanning technique. Proceedings of SPIE, 2008, , .	0.8	11
124	Natural method for three-dimensional range data compression. Applied Optics, 2013, 52, 1857.	0.9	10
125	Method for large-scale structured-light system calibration. Optics Express, 2021, 29, 17316.	1.7	10
126	High-speed three-dimensional absolute shape measurement with three projected binary patterns. Optical Engineering, 2020, 59, 1.	0.5	10

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127	Phase error compensation for a 3-D shape measurement system based on the phase-shifting method. , 2005, , .		9
128	Three-dimensional data merging using Holoimage. Optical Engineering, 2008, 47, 033608.	0.5	9
129	Three-bit representation of three-dimensional range data. Applied Optics, 2013, 52, 2286.	0.9	9
130	Absolute three-dimensional shape measurement with two-frequency square binary patterns. Applied Optics, 2017, 56, 8710.	0.9	8
131	Uniaxial three-dimensional phase-shifting profilometry using a dual-telecentric structured light system in micro-scale devices. Measurement Science and Technology, 2020, 31, 085003.	1.4	8
132	Multilevel symmetric pattern design and optimization for high-speed and high-accuracy 3D shape measurement. Optics and Laser Technology, 2020, 126, 106103.	2.2	8
133	Pixel-by-pixel absolute phase retrieval assisted by an additional three-dimensional scanner. Applied Optics, 2019, 58, 2033.	0.9	8
134	Image-driven re-targeting and relighting of facial expressions. , 0, , .		7
135	Examination of different lattice structures in porous electrodes using a three-dimensional conductivity model. Journal of Power Sources, 2010, 195, 883-889.	4.0	7
136	High-resolution, high-speed three-dimensional shape measurement using projector defocusing. Optical Engineering, 2011, 50, 023603.	0.5	7
137	Virtual Tool Mark Generation for Efficient Striation Analysis[,]. Journal of Forensic Sciences, 2014, 59, 950-959.	0.9	7
138	Development of a Mobile Toolmark Characterization/Comparison System. Journal of Forensic Sciences, 2017, 62, 83-91.	0.9	7
139	Guest Editorial Focused Section on Sensing and Perception Systems for Intelligent Manufacturing (SPIM). IEEE/ASME Transactions on Mechatronics, 2018, 23, 983-985.	3.7	7
140	3-D optical measurement using phase shifting based methods. , 2005, 6000, 15.		6
141	A three-dimensional conductivity model for electrodes in lead-acid batteries. Journal of Power Sources, 2006, 158, 927-931.	4.0	6
142	High-resolution, High-speed, Three-dimensional Video Imaging with Digital Fringe Projection Techniques. Journal of Visualized Experiments, 2013, , 50421.	0.2	6
143	Active versus passive projector nonlinear gamma compensation method for high-quality fringe pattern generation. Proceedings of SPIE, 2014, , .	0.8	6
144	Portable high-resolution automated 3D imaging for footwear and tire impression capture. Journal of Forensic Sciences, 2021, 66, 112-128.	0.9	6

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145	Calibration method for an extended depth-of-field microscopic structured light system. Optics Express, 2022, 30, 166.	1.7	6
146	A fast three-step phase-shifting algorithm. , 2005, , .		5
147	High-resolution real-time 3D absolute coordinates measurement using a fast three-step phase-shifting algorithm. Proceedings of SPIE, 2006, , .	0.8	5
148	Optimal pulse width modulation for sinusoidal fringe generation with projector defocusing: reply to comment. Optics Letters, 2011, 36, 809.	1.7	5
149	High-speed 3D shape measurement with fiber interference. Proceedings of SPIE, 2014, , .	0.8	5
150	Three dimensional range geometry and texture data compression with space-filling curves. Optics Express, 2017, 25, 26103.	1.7	5
151	Three-dimensional conductivity model for porous electrodes in lead acid batteries. Journal of Power Sources, 2007, 172, 957-961.	4.0	4
152	Improving 4-D shape measurement by using projector defocusing. , 2010, , .		4
153	3D video compression with the H.264 codec. , 2012, , .		4
154	3D data processing with advanced computer graphics tools. , 2012, , .		4
155	Superfast 3D Profilometry with Digital Fringe Projection and Phase-Shifting Techniques. Series in Optics and Optoelectronics, 2013, , 233-252.	0.0	4
156	A personalized preoperative modeling system for internal fixation plates in long bone fracture surgeryâ€”A straightforward way from CT images to plate model. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e2029.	1.2	4
157	Influence of projector pixel shape on ultrahigh-resolution 3D shape measurement. Optics Express, 2020, 28, 9510.	1.7	4
158	High-resolution, real-time-geometry video acquisition system. , 2006, , .		3
159	Comparison between LCOS projector and DLP projector in generating digital sinusoidal fringe patterns. Proceedings of SPIE, 2013, , .	0.8	3
160	Three-dimensional shape measurement with dual reference phase maps. Optical Engineering, 2014, 53, 014102.	0.5	3
161	Learning optimal measurement and control of assembly robot for large-scale heavy-weight parts. , 2015, , .		3
162	Angular Determination of Toolmarks Using a Computer-Generated Virtual Tool. Journal of Forensic Sciences, 2015, 60, 878-884.	0.9	3

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163	Evaluation of pixel-wise geometric constraint-based phase-unwrapping method for low signal-to-noise-ratio (SNR) phase. <i>Advanced Optical Technologies</i> , 2016, 5, 423-432.	0.9	3
164	High-resolution, real-time to superfast 3D imaging techniques. , 2016, , .		3
165	High-speed 3D surface measurement with mechanical projector. , 2017, , .		3
166	Hybrid calibration method for improving 3D measurement accuracy of structured light systems. , 2020, , .		3
167	Holo Reality: Real-time low-bandwidth 3D range video communications on consumer mobile devices with application to augmented reality. <i>IS&T International Symposium on Electronic Imaging</i> , 2019, 31, 7-1-7-6.	0.3	3
168	High-resolution, real-time-geometry video acquisition. , 2006, , .		2
169	Simultaneous geometry and color texture acquisition using a single-chip color camera. , 2008, , .		2
170	High-resolution, real-time fringe pattern profilometry. , 2009, , .		2
171	Optimal checkerboard selection for structured light system calibration. , 2009, , .		2
172	Structured light imaging of epicardial mechanics. , 2010, 2010, 5157-60.		2
173	Composite Method for Discontinuous 3-D Surface Measurement: Simulations. , 2010, , .		2
174	Some recent advance on high-speed, high-resolution 3-D shape measurement using projector defocusing. , 2010, , .		2
175	Uniaxial 3D shape measurement with projector defocusing. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
176	Characterization of three-dimensional dense spray visualization techniques. , 2013, , .		2
177	Improve dithering technique for 3D shape measurement: phase vs intensity optimization. , 2013, , .		2
178	Automated High-Dynamic-Range Three-Dimensional Optical Metrology Technique. , 2014, , .		2
179	3D range data compression with a virtual fringe projection system. , 2015, , .		2
180	A comparative study on 3D range data compression methods. , 2016, , .		2

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181	High-speed 3D imaging using digital binary defocusing method vs sinusoidal method. , 2017, , .		2
182	Absolute phase unwrapping for dual-camera system without embedding statistical features. , 2017, , .		2
183	Holostream: High-Accuracy, High-Speed 3D Range Video Encoding and Streaming Across Standard Wireless Networks. IS&T International Symposium on Electronic Imaging, 2018, 2018, 425-1-425-6.	0.3	2
184	High-Speed 3D Optical Sensing and Information Processing for Automotive Industry. SAE International Journal of Advances and Current Practices in Mobility, 0, 4, 198-203.	2.0	2
185	High-speed 3D imaging with digital fringe projection techniques. , 2021, , .		2
186	Automatic 3D Shape Measurement Noise Reduction for an Optical Profilometer. , 2009, , .		2
187	Generic nonsinusoidal phase error correction for 3D shape measurement using a digital video projector. Proceedings of SPIE, 2006, , .	0.8	1
188	Generating sinusoidal fringe by defocusing: potentials for unprecedentedly high-speed 3-D shape measurement using a DLP projector. , 2010, , .		1
189	Development of a Digital Fringe Projection Technique to Characterize the Transient Behavior of Wind-Driven Droplet/Rivulet Flows. , 2012, , .		1
190	Measuring Dynamic 3D Micro-Structures Using a Superfast Digital Binary Phase-Shifting Technique. , 2013, , .		1
191	High-resolution real-time 3D shape measurement on a portable device. , 2013, , .		1
192	Towards superfast 3D optical metrology with digital micromirror device (DMD) platforms. , 2014, , .		1
193	Introduction to the focused section on sensing and perception for autonomous and networked robotics. International Journal of Intelligent Robotics and Applications, 2017, 1, 369-371.	1.6	1
194	High-resolution, superfast 3-D imaging using a phase-shifting method. , 2010, , .		1
195	Phase-based Stereo Matching for High-accuracy Three-dimensional Optical Sensing. , 2019, , .		1
196	Autofocus methods for 3D shape measurement with digital fringe projection techniques. , 2020, , .		1
197	3D Shared Matting Method for Directly Extracting Standard Organ Models from Human Body Color Volume Image. Current Medical Imaging, 2020, 16, 1170-1181.	0.4	1
198	Turbulence Simulation and Experimental Study on New 3D Wicket Gate of Francis Turbine. , 2005, , 11.		0

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199	3D data merging using Holoimage. , 2007, , .		0
200	Use of a scanning optical profilometer for toolmark characterization. Proceedings of SPIE, 2009, , .	0.8	0
201	Error analysis for 3D shape measurement with projector defocusing. , 2010, , .		0
202	Flexible Digital Fringe Projection System for Step-height Measurement. , 2010, , .		0
203	High-resolution 4-D imaging using fringe analysis. , 2010, , .		0
204	Auto-exposure for 3D shape measurement using a DLP projector. , 2011, , .		0
205	Improve Fourier transform profilometry by locally area modulating squared binary structured pattern. , 2012, , .		0
206	Development of Digital Image Projection Techniques to Quantify Surface Film/Rivulet Flows. , 2012, , .		0
207	Development of a Digital Image Projection Technique to Measure Wind-Driven Water Film Flows. , 2013, , .		0
208	Comparing digital-light-processing (DLP) and liquid-crystal-on-silicon (LCoS) technologies for high-quality 3D shape measurement. Proceedings of SPIE, 2014, , .	0.8	0
209	Comparing digital-light-processing (DLP) and liquid-crystal-display(LCD) projection technologies for high-quality 3D shape measurement. Proceedings of SPIE, 2014, , .	0.8	0
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