Song Zhang

List of Publications by Year
in descending order

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229	12,109	31902	28224
papers	citations	53 h-index	105 g-index

232	232	232	4601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative study on 3D optical sensors for short range applications. Optics and Lasers in Engineering, 2022, 149, 106763.	2.0	21
2	Calibration method for an extended depth-of-field microscopic structured light system. Optics Express, 2022, 30, 166.	1.7	6
3	Portable highâ€resolution automated 3D imaging for footwear and tire impression capture. Journal of Forensic Sciences, 2021, 66, 112-128.	0.9	6
4	A convenient 3D reconstruction model based on parallel-axis structured light system. Optics and Lasers in Engineering, 2021, 138, 106366.	2.0	18
5	Method for large-scale structured-light system calibration. Optics Express, 2021, 29, 17316.	1.7	10
6	Flexible and high-accuracy method for uni-directional structured light system calibration. Optics and Lasers in Engineering, 2021, 143, 106637.	2.0	24
7	High-speed 3D imaging with digital fringe projection techniques. , 2021, , .		2
8	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
9	Active stereo-vision 3D perception system for precise autonomous vehicle hitching. , 2020, , .		0
10	Status, challenges, and future perspectives of fringe projection profilometry. Optics and Lasers in Engineering, 2020, 135, 106193.	2.0	178
11	Rapid and automatic optimal exposure control for digital fringe projection technique. Optics and Lasers in Engineering, 2020, 128, 106029.	2.0	56
12	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
13	High-speed three-dimensional absolute shape measurement with three projected binary patterns. Optical Engineering, 2020, 59, 1.	0.5	10
14	Hybrid calibration method for improving 3D measurement accuracy of structured light systems. , 2020, , .		3
15	Hybrid calibration procedure for fringe projection profilometry based on stereo vision and polynomial fitting. Applied Optics, 2020, 59, D163.	0.9	24
16	State-of-the-art active optical techniques for three-dimensional surface metrology: a review [Invited]. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, B60.	0.8	125
17	Autofocusing method for a digital fringe projection system with dual projectors. Optics Express, 2020, 28, 12609.	1.7	18
18	Autofocusing method for high-resolution three-dimensional profilometry. Optics Letters, 2020, 45, 375.	1.7	18

#	Article	IF	Citations
19	Autofocus methods for 3D shape measurement with digital fringe projection techniques. , 2020, , .		1
20	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
21	Influence of projector pixel shape on ultrahigh-resolution 3D shape measurement. Optics Express, 2020, 28, 9510.	1.7	4
22	Large depth-of-field three-dimensional shape measurement with the focal sweep technique. Optics Express, 2020, 28, 31197.	1.7	13
23	Improved three-dimensional reconstruction model based on coaxial structured light system. , 2020, , .		0
24	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
25	Evaluation of Fast, High-detail Projected Light 3D Sensing for Robots in Construction. , 2019, , .		0
26	Pixel-by-pixel absolute phase retrieval assisted by an additional three-dimensional scanner. Applied Optics, 2019, 58, 2033.	0.9	8
27	Large depth-of-field 3D shape measurement using an electrically tunable lens. Optics Express, 2019, 27, 29697.	1.7	26
28	Calibration method for panoramic 3D shape measurement with plane mirrors. Optics Express, 2019, 27, 36538.	1.7	28
29	Holo Reality: Real-time low-bandwidth 3D range video communications on consumer mobile devices with application to augmented reality. IS&T International Symposium on Electronic Imaging, 2019, 31, 7-1-7-6.	0.3	3
30	Phase-based Stereo Matching for High-accuracy Three-dimensional Optical Sensing. , 2019, , .		1
31	Motion induced error compensation method for digital fringe projection system. , 2019, , .		0
32	High-speed 3D imaging with three binary patterns using Hilbert transform. , 2019, , .		0
33	Novel method for measuring a dense 3D strain map of robotic flapping wings. Measurement Science and Technology, 2018, 29, 045402.	1.4	17
34	Absolute phase retrieval methods for digital fringe projection profilometry: A review. Optics and Lasers in Engineering, 2018, 107, 28-37.	2.0	302
35	High-speed 3D shape measurement with structured light methods: A review. Optics and Lasers in Engineering, 2018, 106, 119-131.	2.0	550
36	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

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37	High-resolution 3D optical sensing and real-time 3D video data streaming. , 2018, , .		0
38	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
39	High-speed and high-accuracy 3D surface measurement using a mechanical projector. Optics Express, 2018, 26, 1474.	1.7	67
40	Motion-induced error compensation for phase shifting profilometry. Optics Express, 2018, 26, 12632.	1.7	51
41	Depth-driven variable-frequency sinusoidal fringe pattern for accuracy improvement in fringe projection profilometry. Optics Express, 2018, 26, 19986.	1.7	25
42	Three-dimensional shape measurement using a structured light system with dual projectors. Applied Optics, 2018, 57, 3983.	0.9	44
43	Motion induced phase error reduction using a Hilbert transform. Optics Express, 2018, 26, 34224.	1.7	43
44	Recent research on high-resolution 3D range geometry compression. , 2018, , .		0
45	Motion-induced error compensation for 3D shape measurement with phase shifting technique. , 2018, , .		0
46	Optimal carrier frequency selection for high-speed 3D shape measurement with double-pattern pulse width modulation techniques. , 2018, , .		0
47	Microscopic structured light 3D profilometry: Binary defocusing technique vs. sinusoidal fringe projection. Optics and Lasers in Engineering, 2017, 96, 117-123.	2.0	51
48	High-accuracy, high-speed 3D structured light imaging techniques and potential applications to intelligent robotics. International Journal of Intelligent Robotics and Applications, 2017, 1, 86-103.	1.6	66
49	Optimal Path Planning and Control of Assembly Robots for Hard-Measuring Easy-Deformation Assemblies. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1600-1609.	3.7	41
50	High-speed 3D imaging using digital binary defocusing method vs sinusoidal method. , 2017, , .		2
51	Absolute phase unwrapping for dual-camera system without embedding statistical features. , 2017, , .		2
52	High-speed 3D surface measurement with mechanical projector. , 2017, , .		3
53	Superfast 3D absolute shape measurement using five binary patterns. Optics and Lasers in Engineering, 2017, 90, 217-224.	2.0	58
54	High-speed, high-accuracy large range 3D measurement. , 2017, , .		0

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55	Pixel-by-pixel absolute phase retrieval using three phase-shifted fringe patterns without markers. Optics and Lasers in Engineering, 2017, 91, 232-241.	2.0	45
56	Fast Registration Methodology for Fastener Assembly of Large-Scale Structure. IEEE Transactions on Industrial Electronics, 2017, 64, 717-726.	5.2	24
57	High-speed high-accuracy three-dimensional shape measurement using digital binary defocusing method versus sinusoidal method. Optical Engineering, 2017, 56, 074102.	0.5	17
58	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
59	Development of a Mobile Toolmark Characterization/Comparison System. Journal of Forensic Sciences, 2017, 62, 83-91.	0.9	7
60	Three dimensional range geometry and texture data compression with space-filling curves. Optics Express, 2017, 25, 26103.	1.7	5
61	Superfast high-resolution absolute 3D recovery of a stabilized flapping flight process. Optics Express, 2017, 25, 27270.	1.7	36
62	Double-pattern triangular pulse width modulation technique for high-accuracy high-speed 3D shape measurement. Optics Express, 2017, 25, 30177.	1.7	22
63	Absolute three-dimensional shape measurement with two-frequency square binary patterns. Applied Optics, 2017, 56, 8710.	0.9	8
64	Absolute three-dimensional shape measurement with a known object. Optics Express, 2017, 25, 10384.	1.7	35
65	Dynamic projection theory for fringe projection profilometry. Applied Optics, 2017, 56, 8452.	0.9	21
66	Three-dimensional range geometry compression via phase encoding. Applied Optics, 2017, 56, 9285.	0.9	15
67	Pixel-by-pixel absolute three-dimensional shape measurement with modified Fourier transform profilometry. Applied Optics, 2017, 56, 1472.	2.1	30
68	Three-dimensional absolute shape measurement by combining binary statistical pattern matching with phase-shifting methods. Applied Optics, 2017, 56, 5418.	2.1	20
69	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
70	Computer-aided-design-model-assisted absolute three-dimensional shape measurement. Applied Optics, 2017, 56, 6770.	0.9	12
71	Absolute phase unwrapping for dual-camera system without embedding statistical features. Optical Engineering, 2017, 56, 1.	0.5	12
72	Method for large-range structured light system calibration. Applied Optics, 2016, 55, 9563.	2.1	42

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73	Pixel-wise absolute phase unwrapping using geometric constraints of structured light system. Optics Express, 2016, 24, 18445.	1.7	170
74	Motion-induced error reduction by combining Fourier transform profilometry with phase-shifting profilometry. Optics Express, 2016, 24, 23289.	1.7	53
75	Evaluation of pixel-wise geometric constraint-based phase-unwrapping method for low signal-to-noise-ratio (SNR) phase. Advanced Optical Technologies, 2016, 5, 423-432.	0.9	3
76	A comparison of food portion size estimation using geometric models and depth images. , 2016, 2016, 26-30.		32
77	Enhanced two-frequency phase-shifting method. Applied Optics, 2016, 55, 4395.	2.1	92
78	High dynamic range real-time 3D shape measurement. Optics Express, 2016, 24, 7337.	1.7	83
79	Motion artifact reduction using hybrid Fourier transform with phase-shifting methods. , 2016, , .		0
80	High-resolution, real-time to superfast 3D imaging techniques. , 2016, , .		3
81	Single-shot absolute 3D shape measurement with Fourier transform profilometry. Applied Optics, 2016, 55, 5219.	2.1	59
82	High-resolution, real-time simultaneous 3D surface geometry and temperature measurement. Optics Express, 2016, 24, 14552.	1.7	15
83	Detailed analysis of an optimized FPP-based 3D imaging system. , 2016, , .		0
84	A comparative study on 3D range data compression methods. , 2016, , .		2
85	High-contrast 3D surface measurement without changing camera exposures. Proceedings of SPIE, 2016, , .	0.8	0
86	High-quality 3D shape measurement using saturated fringe patterns. Optics and Lasers in Engineering, 2016, 87, 83-89.	2.0	52
87	Method for out-of-focus camera calibration. Applied Optics, 2016, 55, 2346.	2.1	61
88	Learning optimal measurement and control of assembly robot for large-scale heavy-weight parts. , 2015, , .		3
89	Angular Determination of Toolmarks Using aÂComputerâ€Generated Virtual Tool. Journal of Forensic Sciences, 2015, 60, 878-884.	0.9	3
90	Multiwavelength depth encoding method for 3D range geometry compression. Applied Optics, 2015, 54, 10684.	2.1	20

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91	Flexible calibration method for microscopic structured light system using telecentric lens. Optics Express, 2015, 23, 25795.	1.7	74
92	Zero-phase locking for phase-shifted dithering techniques. , 2015, , .		0
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	3D range data compression with a virtual fringe projection system. , 2015, , .		2
95	The status, challenges, and future of additive manufacturing in engineering. CAD Computer Aided Design, 2015, 69, 65-89.	1.4	1,725
96	Comparative study on passive and active projector nonlinear gamma calibration. Applied Optics, 2015, 54, 3834.	2.1	69
97	Optimization of a Statistical Algorithm for Objective Comparison of Toolmarks. Journal of Forensic Sciences, 2015, 60, 303-314.	0.9	14
98	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
99	Towards superfast 3D optical metrology with digital micromirror device (DMD) platforms. , 2014, , .		1
100	Automated High-Dynamic-Range Three-Dimensional Optical Metrology Technique. , 2014, , .		2
101	Novel calibration method for structured-light system with an out-of-focus projector. Applied Optics, 2014, 53, 3415.	0.9	154
102	High-speed absolute three-dimensional shape measurement using three binary dithered patterns. Optics Express, 2014, 22, 26752.	1.7	69
103	Structured light system calibration method with optimal fringe angle. Applied Optics, 2014, 53, 7942.	2.1	43
104	Toward superfast three-dimensional optical metrology with digital micromirror device platforms. Optical Engineering, 2014, 53, 112206.	0.5	19
105	Active versus passive projector nonlinear gamma compensation method for high-quality fringe pattern generation. Proceedings of SPIE, 2014, , .	0.8	6
106	Three-dimensional shape measurement with dual reference phase maps. Optical Engineering, 2014, 53, 014102.	0.5	3
107	High-quality fringe pattern generation using binary pattern optimization through symmetry and periodicity. Optics and Lasers in Engineering, 2014, 52, 195-200.	2.0	53
108	Digital micromirror transient response influence on superfast 3D shape measurement. Optics and Lasers in Engineering, 2014, 58, 19-26.	2.0	14

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109	High-resolution, real-time three-dimensional shape measurement on graphics processing unit. Optical Engineering, 2014, 53, 1.	0.5	167
110	Absolute three-dimensional shape measurement using coded fringe patterns without phase unwrapping or projector calibration. Optics Express, 2014, 22, 1287.	1.7	91
111	Some recent advances on superfast 3D shape measurement with digital binary defocusing techniques. Optics and Lasers in Engineering, 2014, 54, 236-246.	2.0	123
112	Virtual Tool Mark Generation for Efficient Striation Analysis[,]. Journal of Forensic Sciences, 2014, 59, 950-959.	0.9	7
113	Intensity-optimized dithering technique for three-dimensional shape measurement with projector defocusing. Optics and Lasers in Engineering, 2014, 53, 79-85.	2.0	46
114	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
115	Optimizing binary dithering patterns to improve phase quality. Proceedings of SPIE, 2014, , .	0.8	0
116	Special Section Guest Editorial: High-Speed 3-D Optical Metrology and Applications. Optical Engineering, 2014, 53, 112201.	0.5	0
117	High-speed 3D shape measurement with fiber interference. Proceedings of SPIE, 2014, , .	0.8	5
118	Accurate calibration for 3D shape measurement system using a binary defocusing technique. Optics and Lasers in Engineering, 2013, 51, 514-519.	2.0	49
119	3D range geometry video compression with the H.264 codec. Optics and Lasers in Engineering, 2013, 51, 620-625.	2.0	13
120	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
121	Measuring Dynamic 3D Micro-Structures Using a Superfast Digital Binary Phase-Shifting Technique. , 2013, , .		1
122	Phase-optimized dithering technique for high-quality 3D shape measurement. Optics and Lasers in Engineering, 2013, 51, 790-795.	2.0	63
123	Development of a Digital Image Projection Technique to Measure Wind-Driven Water Film Flows. , 2013, , .		0
124	Genetic method to optimize binary dithering technique for high-quality fringe generation. Optics Letters, 2013, 38, 540.	1.7	78
125	3D absolute shape measurement of live rabbit hearts with a superfast two-frequency phase-shifting technique. Optics Express, 2013, 21, 5822.	1.7	107
126	Flexible real-time natural 2D color and 3D shape measurement. Optics Express, 2013, 21, 16736.	1.7	19

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127	Natural method for three-dimensional range data compression. Applied Optics, 2013, 52, 1857.	0.9	10
128	Optimal fringe angle selection for digital fringe projection technique. Applied Optics, 2013, 52, 7094.	0.9	30
129	Three-bit representation of three-dimensional range data. Applied Optics, 2013, 52, 2286.	0.9	9
130	Characterization of three-dimensional dense spray visualization techniques. , 2013, , .		2
131	Superfast 3D Profilometry with Digital Fringe Projection and Phase-Shifting Techniques. Series in Optics and Optoelectronics, 2013, , 233-252.	0.0	4
132	High-resolution, High-speed, Three-dimensional Video Imaging with Digital Fringe Projection Techniques. Journal of Visualized Experiments, 2013, , 50421.	0.2	6
133	High-resolution real-time 3D shape measurement on a portable device. , 2013, , .		1
134	Comparison between LCOS projector and DLP projector in generating digital sinusoidal fringe patterns. Proceedings of SPIE, 2013, , .	0.8	3
135	Improve dithering technique for 3D shape measurement: phase vs intensity optimization. , 2013, , .		2
136	Mapping cardiac surface mechanics with structured light imaging. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H712-H720.	1.5	39
137	Fourier transform profilometry using a binary area modulation technique. Optical Engineering, 2012, 51, 113602.	0.5	15
138	Uniaxial three-dimensional shape measurement with projector defocusing. Optical Engineering, 2012, 51, 1.	0.5	16
139	Comparison of the squared binary, sinusoidal pulse width modulation, and optimal pulse width modulation methods for three-dimensional shape measurement with projector defocusing. Applied Optics, 2012, 51, 861.	0.9	58
140	Three-dimensional range data compression using computer graphics rendering pipeline. Applied Optics, 2012, 51, 4058.	0.9	21
141	Three-dimensional shape measurement with binary dithered patterns. Applied Optics, 2012, 51, 6631.	0.9	142
142	Novel phase-coding method for absolute phase retrieval. Optics Letters, 2012, 37, 2067.	1.7	186
143	3D video compression with the H.264 codec. , 2012, , .		4
144	Improve Fourier transform profilometry by locally area modulating squared binary structured pattern. , 2012, , .		0

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145	3D data processing with advanced computer graphics tools. , 2012, , .		4
146	Composite phase-shifting algorithm for absolute phase measurement. Optics and Lasers in Engineering, 2012, 50, 1538-1541.	2.0	58
147	Development of Digital Image Projection Techniques to Quantify Surface Film/Rivulet Flows. , 2012, , .		0
148	Development of a Digital Fringe Projection Technique to Characterize the Transient Behavior of Wind-Driven Droplet/Rivulet Flows. , 2012, , .		1
149	Holovideo: Real-time 3D range video encoding and decoding on GPU. Optics and Lasers in Engineering, 2012, 50, 280-286.	2.0	23
150	3D shape measurement with 2D area modulated binary patterns. Optics and Lasers in Engineering, 2012, 50, 917-921.	2.0	41
151	High-resolution, real-time 3D imaging with fringe analysis. Journal of Real-Time Image Processing, 2012, 7, 55-66.	2.2	39
152	A Method for Measuring 3D Cardiac Surface Mechanics with Highâ€Speed Structured Light Imaging. FASEB Journal, 2012, 26, 864.18.	0.2	0
153	High-resolution 3D profilometry with binary phase-shifting methods. Applied Optics, 2011, 50, 1753.	2.1	39
154	Phase error compensation for three-dimensional shape measurement with projector defocusing. Applied Optics, 2011, 50, 2572.	2.1	113
155	Superfast multifrequency phase-shifting technique with optimal pulse width modulation. Optics Express, 2011, 19, 5149.	1.7	128
156	3D shape measurement technique for multiple rapidly moving objects. Optics Express, 2011, 19, 8539.	1.7	87
157	Optimal pulse width modulation for sinusoidal fringe generation with projector defocusing: reply to comment. Optics Letters, 2011, 36, 809.	1.7	5
158	Three-dimensional profilometry with nearly focused binary phase-shifting algorithms. Optics Letters, 2011, 36, 4518.	1.7	48
159	High-resolution, high-speed three-dimensional shape measurement using projector defocusing. Optical Engineering, 2011, 50, 023603.	0.5	7
160	Autoexposure for three-dimensional shape measurement using a digital-light-processing projector. Optical Engineering, 2011, 50, 123603.	0.5	86
161	Auto-exposure for 3D shape measurement using a DLP projector. , 2011, , .		0
162	Uniaxial 3D shape measurement with projector defocusing. Proceedings of SPIE, 2011, , .	0.8	2

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163	Error analysis for 3D shape measurement with projector defocusing. , 2010, , .		0
164	Generating sinusoidal fringe by defocusing: potentials for unprecedentedly high-speed 3-D shape measurement using a DLP projector. , 2010, , .		1
165	Improving 4-D shape measurement by using projector defocusing. , 2010, , .		4
166	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
167	Digital sinusoidal fringe pattern generation: Defocusing binary patterns VS focusing sinusoidal patterns. Optics and Lasers in Engineering, 2010, 48, 561-569.	2.0	97
168	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
169	Structured light imaging of epicardial mechanics. , 2010, 2010, 5157-60.		2
170	Flexible Digital Fringe Projection System for Step-height Measurement. , 2010, , .		0
171	Composite Method for Discontinuous 3-D Surface Measurement: Simulations. , 2010, , .		2
172	Superfast phase-shifting method for 3-D shape measurement. Optics Express, 2010, 18, 9684.	1.7	262
173	Ultrafast 3-D shape measurement with an off-the-shelf DLP projector. Optics Express, 2010, 18, 19743.	1.7	106
174	Flexible 3D shape measurement using projector defocusing: extended measurement range. Optics Letters, 2010, 35, 934.	1.7	98
175	Optimal pulse width modulation for sinusoidal fringe generation with projector defocusing. Optics Letters, 2010, 35, 4121.	1.7	130
176	Composite phase-shifting algorithm for three-dimensional shape compression. Optical Engineering, 2010, 49, 063604.	0.5	40
177	High-resolution 4-D imaging using fringe analysis. , 2010, , .		0
178	Some recent advance on high-speed, high-resolution 3-D shape measurement using projector defocusing. , 2010, , .		2
179	High-resolution, superfast 3-D imaging using a phase-shifting method. , 2010, , .		1
180	High-resolution, real-time fringe pattern profilometry. , 2009, , .		2

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181	Flexible 3-D shape measurement using projector defocusing. Optics Letters, 2009, 34, 3080.	1.7	364
182	Use of a scanning optical profilometer for toolmark characterization. Proceedings of SPIE, 2009, , .	0.8	0
183	High dynamic range scanning technique. Optical Engineering, 2009, 48, 033604.	0.5	152
184	Phase unwrapping error reduction framework for a multiple-wavelength phase-shifting algorithm. Optical Engineering, 2009, 48, 105601.	0.5	94
185	Optimal checkerboard selection for structured light system calibration. , 2009, , .		2
186	Digital multiple wavelength phase shifting algorithm. Proceedings of SPIE, 2009, , .	0.8	32
187	Automatic 3D Shape Measurement Noise Reduction for an Optical Profilometer. , 2009, , .		2
188	High Resolution Tracking of Non-Rigid Motion of Densely Sampled 3D Data Using Harmonic Maps. International Journal of Computer Vision, 2008, 76, 283-300.	10.9	76
189	Novel 3â€Ð video for quantification of facial movement. Otolaryngology - Head and Neck Surgery, 2008, 138, 468-472.	1.1	38
190	Absolute phase-assisted three-dimensional data registration for a dual-camera structured light system. Applied Optics, 2008, 47, 3134.	2.1	16
191	Simultaneous geometry and color texture acquisition using a single-chip color camera. , 2008, , .		2
192	Simultaneous three-dimensional geometry and color texture acquisition using a single color camera. Optical Engineering, 2008, 47, 1.	0.5	20
193	Three-dimensional shape measurement using a structured light system with dual cameras. Optical Engineering, 2008, 47, 013604.	0.5	51
194	Three-dimensional data merging using Holoimage. Optical Engineering, 2008, 47, 033608.	0.5	9
195	High dynamic range scanning technique. Proceedings of SPIE, 2008, , .	0.8	11
196	High-speed three-dimensional shape measurement system using a modified two-plus-one phase-shifting algorithm. Optical Engineering, 2007, 46, 113603.	0.5	100
197	3D data merging using Holoimage. , 2007, , .		0
198	Generic nonsinusoidal phase error correction for three-dimensional shape measurement using a digital video projector. Applied Optics, 2007, 46, 36.	2.1	243

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199	Multilevel quality-guided phase unwrapping algorithm for real-time three-dimensional shape reconstruction. Applied Optics, 2007, 46, 50.	2.1	171
200	Phase error compensation for a 3-D shape measurement system based on the phase-shifting method. Optical Engineering, 2007, 46, 063601.	0.5	93
201	Three-dimensional conductivity model for porous electrodes in lead acid batteries. Journal of Power Sources, 2007, 172, 957-961.	4.0	4
202	High-resolution, real-time three-dimensional shape measurement. Optical Engineering, 2006, 45, 123601.	0.5	209
203	Novel method for structured light system calibration. Optical Engineering, 2006, 45, 083601.	0.5	516
204	High-resolution, real-time 3D absolute coordinate measurement based on a phase-shifting method. Optics Express, 2006, 14, 2644.	1.7	247
205	GPU-assisted high-resolution, real-time 3-D shape measurement. Optics Express, 2006, 14, 9120.	1.7	103
206	Fast three-step phase-shifting algorithm. Applied Optics, 2006, 45, 5086.	2.1	211
207	Generic nonsinusoidal phase error correction for 3D shape measurement using a digital video projector. Proceedings of SPIE, 2006, , .	0.8	1
208	A three-dimensional conductivity model for electrodes in lead-acid batteries. Journal of Power Sources, 2006, 158, 927-931.	4.0	6
209	Holoimages. , 2006, , .		21
210	High-resolution, real-time-geometry video acquisition system. , 2006, , .		3
211	High-resolution, real-time-geometry video acquisition. , 2006, , .		2
212	High-resolution real-time 3D absolute coordinates measurement using a fast three-step phase-shifting algorithm. Proceedings of SPIE, 2006, , .	0.8	5
213	Turbulence Simulation and Experimental Study on New 3D Wicket Gate of Francis Turbine. , 2005, , 11.		0
214	High resolution tracking of non-rigid 3D motion of densely sampled data using harmonic maps. , 2005, , .		26
215	Phase error compensation for a 3-D shape measurement system based on the phase-shifting method. , 2005, , .		9
216	A fast three-step phase-shifting algorithm. , 2005, , .		5

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217	3-D optical measurement using phase shifting based methods. , 2005, 6000, 15.		6
218	Trapezoidal phase-shifting method for three-dimensional shape measurement. Optical Engineering, 2005, 44, 123601.	0.5	71
219	Trapezoidal phase-shifting method for 3D shape measurement. , 2004, , .		11
220	High Resolution Acquisition, Learning and Transfer of Dynamic 3-D Facial Expressions. Computer Graphics Forum, 2004, 23, 677-686.	1.8	106
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