Baoqing Sun

List of Publications by Year
in descending order

27 papers	2,007 citations	567281 15 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	1233 citing authors

#	Article	IF	Citations
1	None-line-of-sight imaging enhanced with spatial multiplexing. Optics Express, 2022, 30, 5855.	3.4	12
2	A Single-Pixel Imaging Scheme with Obstacle Detection. Photonics, 2022, 9, 253.	2.0	0
3	3D single-pixel imaging at the near-infrared wave band. Applied Optics, 2022, 61, 3845.	1.8	3
4	Ultra-High Frequency Signal Transmission Based on Temporal Ghost Imaging. Journal of Lightwave Technology, 2022, 40, 5426-5431.	4.6	3
5	Computational temporal ghost imaging for long-distance underwater wireless optical communication. Optics Letters, 2021, 46, 1938.	3.3	20
6	Single pixel 3D imaging with phase-shifting fringe projection. Optics and Lasers in Engineering, 2021, 140, 106532.	3.8	23
7	Single-pixel camera based on a spinning mask. Optics Letters, 2021, 46, 4859.	3.3	14
8	Imaging and Tracking Through Scattering Medium With Low Bit Depth Speckle. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	2
9	Real-Time Dynamic 3D Shape Reconstruction with SWIR InGaAs Camera. Sensors, 2020, 20, 521.	3.8	8
10	Optical encryption for visible light communication based on temporal ghost imaging with a micro-LED. Optics and Lasers in Engineering, 2020, 134, 106290.	3.8	25
11	Imaging high-speed moving targets with a single-pixel detector. Optics Express, 2020, 28, 7889.	3.4	50
12	Noise Suppression in Compressive Single-Pixel Imaging. Sensors, 2020, 20, 5341.	3.8	6
13	Increase the frame rate of a camera via temporal ghost imaging. Optics and Lasers in Engineering, 2019, 122, 164-169.	3.8	12
14	Scan efficiency of structured illumination in iterative single pixel imaging. Optics Express, 2019, 27, 22499.	3.4	37
15	Auto-focusing method for computational ghost imaging system in deep-Fresnel region. Journal of Optics (United Kingdom), 2018, 20, 095607.	2.2	2
16	Information Security Scheme Based on Computational Temporal Ghost Imaging. Scientific Reports, 2017, 7, 7676.	3.3	15
17	Analysis of the 'Anti-scattering' Capacity of Computational Ghost Imaging System in Solid Scattering Material. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	21
18	Real-time imaging of methane gas leaks using a single-pixel camera. Optics Express, 2017, 25, 2998.	3.4	168

#	Article	IF	Citations
19	3D single-pixel video. Journal of Optics (United Kingdom), 2016, 18, 035203.	2.2	57
20	Noninvasive, near-field terahertz imaging of hidden objects using a single-pixel detector. Science Advances, 2016, 2, e1600190.	10.3	336
21	Single-pixel three-dimensional imaging with time-based depth resolution. Nature Communications, 2016, 7, 12010.	12.8	382
22	Simultaneous real-time visible and infrared video with single-pixel detectors. Scientific Reports, 2015, 5, 10669.	3.3	224
23	Near video-rate linear Stokes imaging with single-pixel detectors. Journal of Optics (United Kingdom), 2015, 17, 025705.	2.2	43
24	Multi-wavelength compressive computational ghost imaging. Proceedings of SPIE, 2013, , .	0.8	9
25	Fast full-color computational imaging with single-pixel detectors. Optics Express, 2013, 21, 23068.	3.4	226
26	3D computational ghost imaging. Proceedings of SPIE, 2013, , .	0.8	4
27	Normalized ghost imaging. Optics Express, 2012, 20, 16892.	3.4	305