

# Baoqing Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/631151/publications.pdf>

Version: 2024-02-01

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	Single-pixel three-dimensional imaging with time-based depth resolution. Nature Communications, 2016, 7, 12010.	12.8	382
2	Noninvasive, near-field terahertz imaging of hidden objects using a single-pixel detector. Science Advances, 2016, 2, e1600190.	10.3	336
3	Normalized ghost imaging. Optics Express, 2012, 20, 16892.	3.4	305
4	Fast full-color computational imaging with single-pixel detectors. Optics Express, 2013, 21, 23068.	3.4	226
5	Simultaneous real-time visible and infrared video with single-pixel detectors. Scientific Reports, 2015, 5, 10669.	3.3	224
6	Real-time imaging of methane gas leaks using a single-pixel camera. Optics Express, 2017, 25, 2998.	3.4	168
7	3D single-pixel video. Journal of Optics (United Kingdom), 2016, 18, 035203.	2.2	57
8	Imaging high-speed moving targets with a single-pixel detector. Optics Express, 2020, 28, 7889.	3.4	50
9	Near video-rate linear Stokes imaging with single-pixel detectors. Journal of Optics (United Kingdom), 2015, 17, 025705.	2.2	43
10	Scan efficiency of structured illumination in iterative single pixel imaging. Optics Express, 2019, 27, 22499.	3.4	37
11	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
12	Single pixel 3D imaging with phase-shifting fringe projection. Optics and Lasers in Engineering, 2021, 140, 106532.	3.8	23
13	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
14	Computational temporal ghost imaging for long-distance underwater wireless optical communication. Optics Letters, 2021, 46, 1938.	3.3	20
15	Information Security Scheme Based on Computational Temporal Ghost Imaging. Scientific Reports, 2017, 7, 7676.	3.3	15
16	Single-pixel camera based on a spinning mask. Optics Letters, 2021, 46, 4859.	3.3	14
17	Increase the frame rate of a camera via temporal ghost imaging. Optics and Lasers in Engineering, 2019, 122, 164-169.	3.8	12
18	None-line-of-sight imaging enhanced with spatial multiplexing. Optics Express, 2022, 30, 5855.	3.4	12

#	ARTICLE	IF	CITATIONS
19	Multi-wavelength compressive computational ghost imaging. Proceedings of SPIE, 2013, , .	0.8	9
20	Real-Time Dynamic 3D Shape Reconstruction with SWIR InGaAs Camera. Sensors, 2020, 20, 521.	3.8	8
21	Noise Suppression in Compressive Single-Pixel Imaging. Sensors, 2020, 20, 5341.	3.8	6
22	3D computational ghost imaging. Proceedings of SPIE, 2013, , .	0.8	4
23	3D single-pixel imaging at the near-infrared wave band. Applied Optics, 2022, 61, 3845.	1.8	3
24	Ultra-High Frequency Signal Transmission Based on Temporal Ghost Imaging. Journal of Lightwave Technology, 2022, 40, 5426-5431.	4.6	3
25	Auto-focusing method for computational ghost imaging system in deep-Fresnel region. Journal of Optics (United Kingdom), 2018, 20, 095607.	2.2	2
26	Imaging and Tracking Through Scattering Medium With Low Bit Depth Speckle. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	2
27	A Single-Pixel Imaging Scheme with Obstacle Detection. Photonics, 2022, 9, 253.	2.0	0