

# Peter J Christopher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9112661/publications.pdf>

Version: 2024-02-01

18  
papers

65  
citations

1684188  
5  
h-index

1720034  
7  
g-index

18  
all docs

18  
docs citations

18  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware implementations of computer-generated holography: a review. Optical Engineering, 2020, 59, 1.	1.0	18
2	Improving performance of single-pass real-time holographic projection. Optics Communications, 2020, 457, 124666.	2.1	7
3	HoloBlade: an open-hardware spatial light modulator driver platform for holographic displays. Applied Optics, 2021, 60, A313.	1.8	6
4	Predictive search algorithm for phase holography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 2068.	1.5	6
5	Exploring the Dynamics of Base-Excited Structures Impacting a Rigid Stop. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	5
6	Improving holographic search algorithms using sorted pixel selection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1456.	1.5	4
7	Holographic Predictive Search: Extending the scope. Optics Communications, 2020, 467, 125701.	2.1	3
8	Linear-time algorithm for phase-sensitive holography. Optical Engineering, 2020, 59, .	1.0	3
9	Efficient Excitation of High-Purity Modes in Arbitrary Waveguide Geometries. Journal of Lightwave Technology, 2022, 40, 1150-1160.	4.6	3
10	Robust correction of interferometer phase drift in transmission matrix measurements. Applied Optics, 2022, 61, 4315.	1.8	3
11	Fixed-Point Accuracy Analysis of 2D FFT for the Creation of Computer Generated Holograms. , 2019, , .		2
12	HoloGen: An open-source toolbox for high-speed hologram generation. Computer Physics Communications, 2022, 270, 108139.	7.5	2
13	Relative limitations of increasing the number of modulation levels in computer generated holography. Optics Communications, 2020, 462, 125353.	2.1	1
14	Sympathetic quantisation - A new approach to hologram quantisation. Optics Communications, 2020, 473, 125883.	2.1	1
15	Robustness to misalignment of low-cost, compact quantitative phase imaging architectures. OSA Continuum, 2020, 3, 2660.	1.8	1
16	Computer-Generated Holography Using a Digital Signal Processor. , 2019, , .		0
17	Thermal Compensation for High Load Spatial Light Modulators in Real-Time. , 2020, , .		0
18	Computer-generated holography in the intermediate domain. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 392.	1.5	0