Sing Yee Chua

List of Publications by Year
in descending order

16 papers	84 citations	1684188 5 h-index	1474206 9 g-index
16 all docs	16 docs citations	16 times ranked	45 citing authors

#	Article	IF	Citations
1	Improving three-dimensional (3D) range gated reconstruction through time-of-flight (TOF) imaging analysis. Journal of the European Optical Society-Rapid Publications, 2016, 11, 16015.	1.9	17
2	Range compensation for accurate 3D imaging system. Applied Optics, 2016, 55, 153.	2.1	12
3	Improved Range Estimation Model for Three-Dimensional (3D) Range Gated Reconstruction. Sensors, 2017, 17, 2031.	3.8	11
4	Influence of target reflection on three-dimensional range gated reconstruction. Applied Optics, 2016, 55, 6588.	2.1	10
5	Efficient Spatially-Variant Single-Pixel Imaging Using Block-Based Compressed Sensing. Journal of Signal Processing Systems, 2021, 93, 1323-1337.	2.1	7
6	Programmable spatially variant single-pixel imaging based on compressive sensing. Journal of Electronic Imaging, 2021, 30, .	0.9	5
7	Characterizing the performance impacts of target surface on underwater pulse laser ranging system. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107267.	2.3	5
8	Programmable Single-Pixel Imaging. , 2019, , .		4
9	Transparent Object Detection Using Single-pixel Imaging and Compressive Sensing. , 2019, , .		4
10	Three-dimensional (3D) Reconstruction of Range Gated Imaging. , 2018, , .		3
11	Underwater Turbulence Detection Using Gated Wavefront Sensing Technique. Sensors, 2018, 18, 798.	3.8	2
12	Deep Learning Based Single Pixel Imaging Using Coarse-to-fine Sampling. , 2022, , .		2
13	Theoretical and experimental investigation into the influence factors for range gated reconstruction. Photonic Sensors, 2016, 6, 359-365.	5.0	1
14	Performance of range gated reconstruction: a theoretical analysis. Proceedings of SPIE, 2017, , .	0.8	1
15	Range reconstruction model for 3D gated imaging. , 2013, , .		0
16	System setup consideration for range gated imaging. , 2017, , .		0