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