

Sudhakar Prasad

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

240
citations

1478505

6
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum super resolution: imaging beyond the Rayleigh diffraction limit. , 2022, , .		1
2	Quantum limited super-resolution of an unequal-brightness source pair in three dimensions. Physica Scripta, 2020, 95, 054004.	2.5	10
3	Quantum limited source localization and pair superresolution in two dimensions under finite-emission bandwidth. Physical Review A, 2020, 102, .	2.5	3
4	Quantum limited superresolution of extended sources in one and two dimensions. Physical Review A, 2020, 102, .	2.5	5
5	Quantum-limited superlocalization and superresolution of a source pair in three dimensions. Physical Review A, 2019, 99, .	2.5	22
6	Quantum Limited Superresolution of an Incoherent Source Pair in Three Dimensions. Physical Review Letters, 2018, 121, 180504.	7.8	51
7	Bayesian Error-Based Sequences of Statistical Information Bounds. IEEE Transactions on Information Theory, 2015, 61, 5052-5062.	2.4	5
8	Rotating point spread function via pupil-phase engineering. Optics Letters, 2013, 38, 585.	3.3	64
9	New error bounds for M-testing and estimation of source location with subdiffractive error. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 354.	1.5	2
10	Reconstructing and segmenting hyperspectral images from compressed measurements. , 2011, , .		4
11	Support-assisted optical superresolution of low-resolution image sequences: the one-dimensional problem. Optics Express, 2009, 17, 23213.	3.4	5
12	Digital superresolution and the generalized sampling theorem. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 311.	1.5	23
13	Fisher-information-based analysis of a phase-diversity-speckle imaging system. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 2073.	1.5	5
14	Information-optimized phase diversity speckle imaging. Optics Letters, 2004, 29, 563.	3.3	6
15	Statistical-information-based performance criteria for Richardsonâ€™Lucy image deblurring. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2002, 19, 1286.	1.5	34