

# Sudhakar Prasad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5535745/publications.pdf>

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