

# Viswanath Bavigadda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9344055/publications.pdf>

Version: 2024-02-01

13  
papers

81  
citations

1937685  
4  
h-index

1588992  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact holographic optical element-based electronic speckle pattern interferometer for rotation and vibration measurements. , 2017, , .		1
2	Application of phase shifting electronic speckle pattern interferometry in studies of photoinduced shrinkage of photopolymer layers. Optics Express, 2017, 25, 9647.	3.4	9
3	Quantitative measurement of displacement in photopolymer layers during holographic recording using phase shifting electronic speckle pattern interferometry. Proceedings of SPIE, 2016, , .	0.8	0
4	Fiber Optic Projection-Imaging System for Shape Measurement in Confined Space. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	3
5	Shrinkage during holographic recording in photopolymer films determined by holographic interferometry. Applied Optics, 2013, 52, 8519.	1.8	18
6	Vibration phase mapping using holographic optical element-based electronic speckle pattern interferometry. Optics and Lasers in Engineering, 2012, 50, 1161-1167.	3.8	9
7	Sensing and metrological applications of holography. , 2011, , .		0
8	Vibration phase measurements using holographic optical elements based electronic speckle pattern interferometry. Proceedings of SPIE, 2010, , .	0.8	0
9	Electronic speckle-pattern interferometer using holographic optical elements for vibration measurements. Optics Letters, 2010, 35, 3273.	3.3	35
10	Out-of-plane vibration analysis with a transmission holographic-optical-element-based electronic speckle pattern interferometer. Proceedings of SPIE, 2009, , .	0.8	2
11	HOE-based ESPI systems. Proceedings of SPIE, 2008, , .	0.8	0
12	Design and fabrication of holographic optical elements for applications in electronic speckle pattern interferometry and laser Doppler vibrometry. Proceedings of SPIE, 2008, , .	0.8	2
13	Whole field out-of-plane vibration analysis with a HOE-based ESPI system. Proceedings of SPIE, 2008, , .	0.8	2