

# Poorya Hosseini

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

282  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffraction optical tomography using a quantitative phase imaging unit. Optics Letters, 2014, 39, 6935.	3.3	80
2	Dynamic speckle illumination wide-field reflection phase microscopy. Optics Letters, 2014, 39, 6062.	3.3	41
3	Scanning color optical tomography (SCOT). Optics Express, 2015, 23, 19752.	3.4	38
4	Cellular normoxic biophysical markers of hydroxyurea treatment in sickle cell disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9527-9532.	7.1	36
5	Reflection phase microscopy using spatio-temporal coherence of light. Optica, 2018, 5, 1468.	9.3	22
6	Exact solution for dynamic response of an elastic elliptical membrane. Thin-Walled Structures, 2011, 49, 371-378.	5.3	15
7	Acoustic emissions simulation of tumbling mills using charge dynamics. Minerals Engineering, 2011, 24, 1440-1447.	4.3	14
8	Modeling the depth-sectioning effect in reflection-mode dynamic speckle-field interferometric microscopy. Optics Express, 2017, 25, 130.	3.4	14
9	Combined study of wear and abrasive fragmentation using Steel Wheel Abrasion Test. Wear, 2011, 271, 689-696.	3.1	10
10	Single-shot dual-wavelength interferometric microscopy. Methods, 2018, 136, 35-39.	3.8	8
11	Self-reference line-dispersion interferometric microscopy. Applied Physics Letters, 2017, 110, .	3.3	3
12	Exploring an Energy-Based Model in Comminution. Journal of Tribology, 2022, 144, .	1.9	1
13	Multi-color phase imaging and sickle cell anemia (Conference Presentation). , 2016, , .		0