

# Petru Manescu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10832156/publications.pdf>

Version: 2024-02-01

8  
papers

95  
citations

1684188

5  
h-index

1720034

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g-index

8  
all docs

8  
docs citations

8  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Content aware multi-focus image fusion for high-magnification blood film microscopy. Biomedical Optics Express, 2022, 13, 1005.	2.9	2
2	Network topological determinants of pathogen spread. Scientific Reports, 2022, 12, 7692.	3.3	8
3	Optical mesoscopy, machine learning, and computational microscopy enable high information content diagnostic imaging of blood films. Journal of Pathology, 2021, 255, 62-71.	4.5	10
4	Histological and cytological imaging using Fourier ptychographic microscopy. , 2021, , .		0
5	Data-driven malaria prevalence prediction in large densely populated urban holoendemic sub-Saharan West Africa. Scientific Reports, 2020, 10, 15918.	3.3	16
6	Expert-level automated malaria diagnosis on routine blood films with deep neural networks. American Journal of Hematology, 2020, 95, 883-891.	4.1	30
7	Digital refocusing and extended depth of field reconstruction in Fourier ptychographic microscopy. Biomedical Optics Express, 2020, 11, 215.	2.9	22
8	Structure-dependent amplification for denoising and background correction in Fourier ptychographic microscopy. Optics Express, 2020, 28, 35438.	3.4	7