

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

7
g-index

8
all docs

8
docs citations

8
times ranked

85
citing authors

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