

# Muna Elmi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11392896/publications.pdf>

Version: 2024-02-01

13  
papers

252  
citations

1040056

9  
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1125743

13  
g-index

13  
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13  
docs citations

13  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	TLX activates MASH1 for induction of neuronal lineage commitment of adult hippocampal neuroprogenitors. <i>Molecular and Cellular Neurosciences</i> , 2010, 45, 121-131.	2.2	46
2	ASK1 Inhibits Astroglial Development via p38 Mitogen-Activated Protein Kinase and Promotes Neuronal Differentiation in Adult Hippocampus-Derived Progenitor Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 280-293.	2.3	35
3	Expert-level automated malaria diagnosis on routine blood films with deep neural networks. <i>American Journal of Hematology</i> , 2020, 95, 883-891.	4.1	30
4	In-vivo high resolution AFM topographic imaging of <i>Caenorhabditis elegans</i> reveals previously unreported surface structures of cuticle mutants. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 183-189.	3.3	28
5	Digital refocusing and extended depth of field reconstruction in Fourier ptychographic microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 215.	2.9	22
6	Three-dimensional behavioural phenotyping of freely moving <i>C. elegans</i> using quantitative light field microscopy. <i>PLoS ONE</i> , 2018, 13, e0200108.	2.5	20
7	Mechanism of MASH1 induction by ASK1 and ATRA in adult neural progenitors. <i>Molecular and Cellular Neurosciences</i> , 2007, 36, 248-259.	2.2	17
8	Data-driven malaria prevalence prediction in large densely populated urban holoendemic sub-Saharan West Africa. <i>Scientific Reports</i> , 2020, 10, 15918.	3.3	16
9	Determining the biomechanics of touch sensation in <i>C. elegans</i> . <i>Scientific Reports</i> , 2017, 7, 12329.	3.3	14
10	Optical mesoscopy, machine learning, and computational microscopy enable high information content diagnostic imaging of blood films. <i>Journal of Pathology</i> , 2021, 255, 62-71.	4.5	10
11	Investigation of mechanosensation in <i>C. elegans</i> using light field calcium imaging. <i>Biomedical Optics Express</i> , 2016, 7, 2877.	2.9	6
12	Activation of RHO-1 in cholinergic motor neurons competes with dopamine signalling to control locomotion. <i>PLoS ONE</i> , 2018, 13, e0204057.	2.5	6
13	Content aware multi-focus image fusion for high-magnification blood film microscopy. <i>Biomedical Optics Express</i> , 2022, 13, 1005.	2.9	2