

# M Fatih Toy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10424359/publications.pdf>

Version: 2024-02-01

13  
papers

264  
citations

933447

10  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speckle-Enhanced Prism Spectrometer. , 2019, , .		0
2	A Speckle-Enhanced Prism Spectrometer With High Dynamic Range. IEEE Photonics Technology Letters, 2018, 30, 2139-2142.	2.5	11
3	Real-Time Holographic Tracking and Control of Microrobots. IEEE Robotics and Automation Letters, 2017, 2, 143-148.	5.1	15
4	Accelerated autofocusing of off-axis holograms using critical sampling. Optics Letters, 2012, 37, 5094.	3.3	28
5	Enhanced robustness digital holographic microscopy for demanding environment of space biology. Biomedical Optics Express, 2012, 3, 313.	2.9	37
6	Fourier optics analysis of grating sensors with tilt errors. Optics Letters, 2011, 36, 2254.	3.3	9
7	Beyond the lateral resolution limit by phase imaging. Proceedings of SPIE, 2011, , .	0.8	0
8	Beyond the lateral resolution limit by phase imaging. Journal of Biomedical Optics, 2011, 16, 106007.	2.6	15
9	Digital holographic microscopy real-time monitoring of cytoarchitectural alterations during simulated microgravity. Journal of Biomedical Optics, 2010, 15, 026021.	2.6	28
10	Microscopy image resolution improvement by deconvolution of complex fields. Optics Express, 2010, 18, 19462.	3.4	59
11	Sub-Rayleigh resolution by phase imaging. Optics Letters, 2010, 35, 2176.	3.3	15
12	Uncooled infrared thermo-mechanical detector array: Design, fabrication and testing. Sensors and Actuators A: Physical, 2009, 156, 88-94.	4.1	27
13	Two-Wavelength Grating Interferometry for MEMS Sensors. IEEE Photonics Technology Letters, 2007, 19, 1895-1897.	2.5	20