

# YiÄit DaÄhan GÄkdel

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

165  
citations

1307594

7  
h-index

1199594

12  
g-index

37  
all docs

37  
docs citations

37  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and fabrication of two-axis micromachined steel scanners. Journal of Micromechanics and Microengineering, 2009, 19, 075001.	2.6	24
2	Condition monitoring of wind turbine blades and tower via an automated laser scanning system. Engineering Structures, 2019, 189, 25-34.	5.3	22
3	Toward fully three-dimensional-printed miniaturized confocal imager. Optical Engineering, 2018, 57, 1.	1.0	16
4	Self-terminating electrochemical etching of stainless steel for the fabrication of micro-mirrors. Journal of Micromechanics and Microengineering, 2010, 20, 095009.	2.6	13
5	Magnetic-Actuated Stainless Steel Scanner for Two-Photon Hyperspectral Fluorescence Microscope. Journal of Microelectromechanical Systems, 2014, 23, 1208-1218.	2.5	11
6	Image denoising using 2-D wavelet algorithm for Gaussian-corrupted confocal microscopy images. Biomedical Signal Processing and Control, 2019, 54, 101594.	5.7	11
7	3D printed capacitive pressure sensor with corrugated surface. , 2017, , .		8
8	Polymer-MEMS-Based Optoelectronic Display. IEEE Transactions on Electron Devices, 2010, 57, 145-152.	3.0	7
9	A 45° tilted 3D-printed scanner for compact side-view laser scanning endoscopy. Microsystem Technologies, 2020, 26, 1093-1099.	2.0	7
10	A 3D Polymer Based Printed Two-Dimensional Laser Scanner. Journal of Physics: Conference Series, 2016, 757, 012024.	0.4	6
11	Reliability Testing of 3D-Printed Electromechanical Scanning Devices. Journal of Electronic Testing: Theory and Applications (JETTA), 2018, 34, 363-370.	1.2	6
12	Reliability Testing of 3D-Printed Polyamide Actuators. IEEE Transactions on Device and Materials Reliability, 2020, 20, 152-156.	2.0	5
13	Performance of a three-dimensional-printed microscanner in a laser scanning microscopy application. Optical Engineering, 2018, 57, 1.	1.0	4
14	Design and Implementation of a Low-Cost High-Performance Syringe Pump System. , 2017, , .		3
15	Perforated Paper-Based Piezoresistive Force Sensor. , 2019, , .		3
16	Piezoresistive disposable weight sensor with increased sensitivity. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 984-998.	1.4	3
17	LED integrated miniaturized polymer MEMS display. , 2008, , .		2
18	System integration for real-time laser scanning confocal microscope. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Field-of-view optimization of magnetically actuated 2D gimbaled scanners. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 2385-2399.	1.4	2
20	LÄ°-Ä°YON BATARYALAR Ä°Ä±Ä°N AKTÄ°F HÄœCRE DENGELEME SÄ°STEMÄ° Ä°NCELEMESÄ° VE TASARIMI. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2019, 7, 869-877.	0.3	2
21	Paper-Based Piezoresistive Force Encoder for Soft Robotic Applications. IEEE Sensors Journal, 2022, 22, 13999-14007.	4.7	2
22	One-dimensional LED array integrated polymer composite scanner for 2D imaging. Sensors and Actuators A: Physical, 2011, 168, 195-201.	4.1	1
23	Magnetic-actuated stainless steel micro-scanner for confocal hyperspectral fluorescence microscope. , 2012, , .		1
24	Towards 3D printed confocal endoscopy. Proceedings of SPIE, 2016, , .	0.8	1
25	A Read-Out System for Disposable Paper-Based Sensors. , 2018, , .		1
26	A stainless-steel micro-scanner for rapid 3D confocal imaging. Journal Physics D: Applied Physics, 2019, 52, 305101.	2.8	1
27	Multiscanning mode laser scanning confocal microscopy system. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , 1081-1093.	1.4	1
28	PLED integrated FR4 MEMS display. , 2009, , .		0
29	Selectively thinned stainless steel scanners through electrical discharge machining. , 2011, , .		0
30	Performance analysis of histogram-threshold method for cancer detection. , 2014, , .		0
31	An electronic control and image acquisition system for laser scanning microscopy. , 2015, , .		0
32	Implementation of high-performance LSM using wavelet transformation analysis. , 2015, , .		0
33	Reliability of 3D-printed dynamic scanners. , 2017, , .		0
34	Development of automated laser scanning system for structural health monitoring of wind turbines. , 2017, , .		0
35	Towards 3D Confocal Imaging with Laser-Machined Micro-Scanner. Proceedings (mdpi), 2018, 2, 1067.	0.2	0
36	Ä±OK KATLI YAPILARDA ROBOTÄ°K LAZER TARAYICI SÄ°STEMLERLE YAPISAL SAÄžLIK TAKÄ°BÄ°. UludaÄY University Journal of the Faculty of Engineering, 2018, 23, 313-322.	0.2	0

#	ARTICLE	IF	CITATIONS
37	ÄceÄŞ Boyutlu BaskÄ± Metodu ile ÄceretlimiÄY DalgalÄ± YÄ¼zeyli SÄ±ÄYal BasÄ±nÄŞ AlgÄ±layÄ±cÄ±. DÄ¼zce Äceñiyersitesij Bilim Ve Teknoloji Dergisi, 2019, 7, 1151-1161.	0,7	0