

YiÄit DaÄhan GÄkdel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9400041/publications.pdf>

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	Paper-Based Piezoresistive Force Encoder for Soft Robotic Applications. IEEE Sensors Journal, 2022, 22, 13999-14007.	4.7	2
2	A 45° tilted 3D-printed scanner for compact side-view laser scanning endoscopy. Microsystem Technologies, 2020, 26, 1093-1099.	2.0	7
3	Field-of-view optimization of magnetically actuated 2D gimballed scanners. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 2385-2399.	1.4	2
4	Piezoresistive disposable weight sensor with increased sensitivity. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 984-998.	1.4	3
5	Reliability Testing of 3D-Printed Polyamide Actuators. IEEE Transactions on Device and Materials Reliability, 2020, 20, 152-156.	2.0	5
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	Perforated Paper-Based Piezoresistive Force Sensor. , 2019, , .		3
8	A stainless-steel micro-scanner for rapid 3D confocal imaging. Journal Physics D: Applied Physics, 2019, 52, 305101.	2.8	1
9	Condition monitoring of wind turbine blades and tower via an automated laser scanning system. Engineering Structures, 2019, 189, 25-34.	5.3	22
10	ÄœÄŞ Boyutlu BaskÄ± Metodu ile ÄœeritilmiÄY DalgalÄ± YÄ¼zeyli SÄ±ÄYal BasÄ±nÄŞ AlgÄ±layÄ±cÄ±. DÄ¼zce Äœniversitesi Bilim Ve Teknoloji Dergisi, 2019, 7, 1151-1161.	0.7	0
11	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
12	Reliability Testing of 3D-Printed Electromechanical Scanning Devices. Journal of Electronic Testing: Theory and Applications (JETTA), 2018, 34, 363-370.	1.2	6
13	Towards 3D Confocal Imaging with Laser-Machined Micro-Scanner. Proceedings (mdpi), 2018, 2, 1067.	0.2	0
14	A Read-Out System for Disposable Paper-Based Sensors. , 2018, , .		1
15	Toward fully three-dimensional-printed miniaturized confocal imager. Optical Engineering, 2018, 57, 1.	1.0	16
16	Performance of a three-dimensional-printed microscanner in a laser scanning microscopy application. Optical Engineering, 2018, 57, 1.	1.0	4
17	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
18	3D printed capacitive pressure sensor with corrugated surface. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
19	Reliability of 3D-printed dynamic scanners. , 2017, , .		0
20	Development of automated laser scanning system for structural health monitoring of wind turbines. , 2017, , .		0
21	Design and Implementation of a Low-Cost High-Performance Syringe Pump System. , 2017, , .		3
22	A 3D Polymer Based Printed Two-Dimensional Laser Scanner. Journal of Physics: Conference Series, 2016, 757, 012024.	0.4	6
23	Towards 3D printed confocal endoscopy. Proceedings of SPIE, 2016, , .	0.8	1
24	System integration for real-time laser scanning confocal microscope. , 2016, , .		2
25	An electronic control and image acquisition system for laser scanning microscopy. , 2015, , .		0
26	Implementation of high-performance LSM using wavelet transformation analysis. , 2015, , .		0
27	Performance analysis of histogram-threshold method for cancer detection. , 2014, , .		0
28	Magnetic-Actuated Stainless Steel Scanner for Two-Photon Hyperspectral Fluorescence Microscope. Journal of Microelectromechanical Systems, 2014, 23, 1208-1218.	2.5	11
29	Magnetic-actuated stainless steel micro-scanner for confocal hyperspectral fluorescence microscope. , 2012, , .		1
30	One-dimensional LED array integrated polymer composite scanner for 2D imaging. Sensors and Actuators A: Physical, 2011, 168, 195-201.	4.1	1
31	Selectively thinned stainless steel scanners through electrical discharge machining. , 2011, , .		0
32	Polymer-MEMS-Based Optoelectronic Display. IEEE Transactions on Electron Devices, 2010, 57, 145-152.	3.0	7
33	Self-terminating electrochemical etching of stainless steel for the fabrication of micro-mirrors. Journal of Micromechanics and Microengineering, 2010, 20, 095009.	2.6	13
34	Design and fabrication of two-axis micromachined steel scanners. Journal of Micromechanics and Microengineering, 2009, 19, 075001.	2.6	24
35	PLED integrated FR4 MEMS display. , 2009, , .		0
36	LED integrated miniaturized polymer MEMS display. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
37	Multiscanning mode laser scanning confocal microscopy system. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , 1081-1093.	1.4	1