

Tim Dallas

List of Publications by Year in descending order

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19
papers

592
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Selection and Activity Recognition System Using a Single Triaxial Accelerometer. IEEE Transactions on Biomedical Engineering, 2014, 61, 1780-1786.	4.2	273
2	Enhanced Signal-to-Background Ratios in Voltammetric Measurements Made at Diamond Thin-Film Electrochemical Interfaces. Analytical Chemistry, 1996, 68, 2031-2037.	6.5	127
3	Electrochemical and Surface Structural Characterization of Hydrogen Plasma Treated Glassy Carbon Electrodes. Langmuir, 1996, 12, 6578-6586.	3.5	68
4	Effect of a superhydrophobic coating on the combustion of aluminium and iron oxide nanothermites. Surface and Coatings Technology, 2011, 205, 5103-5108.	4.8	22
5	Comparison of engineered nanocoatings on the combustion of aluminum and copper oxide nanothermites. Surface and Coatings Technology, 2013, 215, 476-484.	4.8	21
6	In Situ Characterization of Induced Stiction in a MEMS. Journal of Microelectromechanical Systems, 2007, 16, 355-364.	2.5	14
7	A low-cost custom HF RFID system for hand washing compliance monitoring. , 2009, , .		12
8	Rotating Out-of-Plane Micromirror. Journal of Microelectromechanical Systems, 2010, 19, 632-639.	2.5	11
9	Development and Testing of a Multilevel Chevron Actuator-Based Positioning System. Journal of Microelectromechanical Systems, 2011, 20, 1298-1309.	2.5	11
10	Two-Axis Microstage System. Journal of Microelectromechanical Systems, 2008, 17, 863-868.	2.5	10
11	A Bidirectional Two-Axis Electrostatic MEMS Positioning System. Journal of Microelectromechanical Systems, 2010, 19, 451-457.	2.5	6
12	Decoupling Functionalization from Sensor Array Assembly Using Detachable Cantilevers. Scanning, 2008, 30, 203-207.	1.5	4
13	Characterization of Stiction Accrual in a MEMS. Journal of Microelectromechanical Systems, 2009, 18, 1149-1159.	2.5	4
14	MEMS-based sensing and algorithm development for fall detection and gait analysis. , 2010, , .		3
15	A Biometric Authentication Technique Using Smartphone Fingertip Photoplethysmography Signals. IEEE Sensors Journal, 2022, 22, 14237-14249.	4.7	3
16	The 18 mm ² Laboratory: Teaching MEMS Development With the SUMMiT Foundry Process. IEEE Transactions on Education, 2012, 55, 529-537.	2.4	2
17	Ultrahigh pressure cell for materials synthesis. Review of Scientific Instruments, 2000, 71, 2784-2790.	1.3	1
18	Metallurgical analysis and computer simulation of a solid steel sphere under shock loading. AIP Conference Proceedings, 2000, , .	0.4	0

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19	Metallurgical analysis and computer simulation of a solid steel sphere under shock loading. High Pressure Research, 2001, 21, 1-14.	1.2	0