

Satu Rajala

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

809
citations

567281

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940533

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g-index

20
all docs

20
docs citations

20
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	A chair based ballistocardiogram time interval measurement with cardiovascular provocations. , 2018, 2018, 5685-5688.		2
2	High Bending-Mode Sensitivity of Printed Piezoelectric Poly(vinylidene fluoride-co-trifluoroethylene) Sensors. ACS Omega, 2018, 3, 8067-8073.	3.5	20
3	Engineering and Characterization of Bacterial Nanocellulose Films as Low Cost and Flexible Sensor Material. ACS Applied Materials & Interfaces, 2017, 9, 19048-19056.	8.0	111
4	Designing, Manufacturing and Testing of a Piezoelectric Polymer Film In-Sole Sensor for Plantar Pressure Distribution Measurements. IEEE Sensors Journal, 2017, 17, 6798-6805.	4.7	29
5	Piezoelectric Sensitivity of a Layered Film of Chitosan and Cellulose Nanocrystals. Procedia Engineering, 2016, 168, 1176-1179.	1.2	38
6	Measurement of sensitivity distribution map of a ferroelectret polymer film. IEEE Sensors Journal, 2016, , 1-1.	4.7	6
7	Cellulose Nanofibril Film as a Piezoelectric Sensor Material. ACS Applied Materials & Interfaces, 2016, 8, 15607-15614.	8.0	219
8	Testing and comparing of film-type sensor materials in measurement of plantar pressure distribution. , 2016, 2016, 251-254.		6
9	Structural and Electrical Characterization of Solution-Processed Electrodes for Piezoelectric Polymer Film Sensors. IEEE Sensors Journal, 2016, 16, 1692-1699.	4.7	19
10	Characteristics of Piezoelectric Polymer Film Sensors With Solution-Processable Graphene-Based Electrode Materials. IEEE Sensors Journal, 2015, 15, 3102-3109.	4.7	32
11	A survey of printable piezoelectric sensors. , 2015, , .		11
12	PVDF microforce sensor for the measurement of Z-directional strength in paper fiber bonds. Sensors and Actuators A: Physical, 2015, 222, 194-203.	4.1	19
13	Flexible Piezoelectric Energy Harvesting Circuit With Printable Supercapacitor and Diodes. IEEE Transactions on Electron Devices, 2014, 61, 3303-3308.	3.0	28
14	Printable, Transparent, and Flexible Touch Panels Working in Sunlight and Moist Environments. Advanced Functional Materials, 2014, 24, 6340-6347.	14.9	62
15	Plantar shear stress measurements â€” A review. Clinical Biomechanics, 2014, 29, 475-483.	1.2	41
16	Correlation approach for the detection of the heartbeat intervals using force sensors placed under the bed posts. Journal of Medical Engineering and Technology, 2013, 37, 327-333.	1.4	25
17	Film-Type Sensor Materials PVDF and EMFi in Measurement of Cardiorespiratory Signalsâ€” A Review. IEEE Sensors Journal, 2012, 12, 439-446.	4.7	83
18	Solution-processible electrode materials for a heat-sensitive piezoelectric thin-film sensor. Synthetic Metals, 2012, 162, 1987-1995.	3.9	28

#	ARTICLE	IF	CITATIONS
19	PVDF and EMFi sensor materials – A comparative study. Procedia Engineering, 2010, 5, 862-865.	1.2	26
20	Nanocellulose as a Piezoelectric Material. , 0, , .		4