Satu Rajala

List of Publications by Year
in descending order

20	809	567281 15	940533 16
papers	citations	h-index	g-index

20	20	20	1245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellulose Nanofibril Film as a Piezoelectric Sensor Material. ACS Applied Materials & Interfaces, 2016, 8, 15607-15614.	8.0	219
2	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
3	Film-Type Sensor Materials PVDF and EMFi in Measurement of Cardiorespiratory Signalsâ€" A Review. IEEE Sensors Journal, 2012, 12, 439-446.	4.7	83
4	Printable, Transparent, and Flexible Touch Panels Working in Sunlight and Moist Environments. Advanced Functional Materials, 2014, 24, 6340-6347.	14.9	62
5	Plantar shear stress measurements â€" A review. Clinical Biomechanics, 2014, 29, 475-483.	1.2	41
6	Piezoelectric Sensitivity of a Layered Film of Chitosan and Cellulose Nanocrystals. Procedia Engineering, 2016, 168, 1176-1179.	1.2	38
7	Characteristics of Piezoelectric Polymer Film Sensors With Solution-Processable Graphene-Based Electrode Materials. IEEE Sensors Journal, 2015, 15, 3102-3109.	4.7	32
8	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
9	Solution-processible electrode materials for a heat-sensitive piezoelectric thin-film sensor. Synthetic Metals, 2012, 162, 1987-1995.	3.9	28
10	Flexible Piezoelectric Energy Harvesting Circuit With Printable Supercapacitor and Diodes. IEEE Transactions on Electron Devices, 2014, 61, 3303-3308.	3.0	28
11	PVDF and EMFi sensor materials â€" A comparative study. Procedia Engineering, 2010, 5, 862-865.	1.2	26
12	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
13	High Bending-Mode Sensitivity of Printed Piezoelectric Poly(vinylidenefluoride-co-trifluoroethylene) Sensors. ACS Omega, 2018, 3, 8067-8073.	3.5	20
14	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
15	Structural and Electrical Characterization of Solution-Processed Electrodes for Piezoelectric Polymer Film Sensors. IEEE Sensors Journal, 2016, 16, 1692-1699.	4.7	19
16	A survey of printable piezoelectric sensors. , 2015, , .		11
17	Measurement of sensitivity distribution map of a ferroelectret polymer film. IEEE Sensors Journal, 2016, , 1-1.	4.7	6
18	Testing and comparing of film-type sensor materials in measurement of plantar pressure distribution. , 2016, 2016, 251-254.		6

#	Article	IF	Citations
19	Nanocellulose as a Piezoelectric Material. , 0, , .		4
20	A chair based ballistocardiogram time interval measurement with cardiovascular provocations. , 2018, 2018, 5685-5688.		2