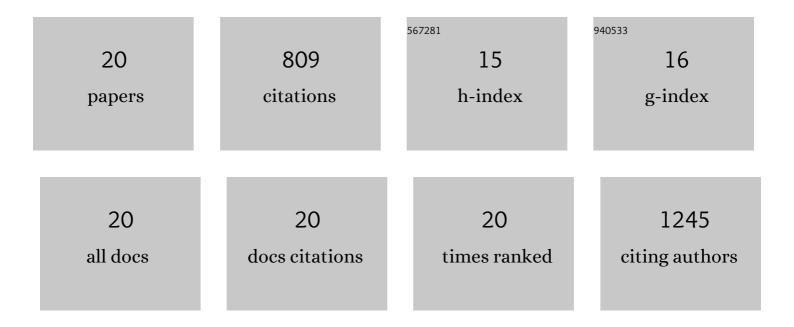
Satu Rajala

List of Publications by Year in descending order

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ΝΑΤΗ ΡΑΙΛΙΑ

| # | 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 Signals— 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 — 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 — 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- <i>co</i> -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 |