

Sun-Jin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

952
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1782
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A wearable thermoelectric generator fabricated on a glass fabric. Energy and Environmental Science, 2014, 7, 1959. | 30.8 | 784 |
| 2 | Wearable UV Sensor Based on Carbon Nanotube-Coated Cotton Thread. ACS Applied Materials & Interfaces, 2018, 10, 40198-40202. | 8.0 | 49 |
| 3 | Enhanced thermoelectric properties of screen-printed Bi _{0.5} Sb _{1.5} Te ₃ and Bi ₂ Te _{2.7} Se _{0.3} thick films using a post annealing process with mechanical pressure. Journal of Materials Chemistry C, 2017, 5, 8559-8565. | 5.5 | 37 |
| 4 | Single Walled Carbon Nanotube Based Air Pocket Encapsulated Ultraviolet Sensor. ACS Sensors, 2017, 2, 1679-1683. | 7.8 | 26 |
| 5 | Physically Unclonable Function by an All-Printed Carbon Nanotube Network. ACS Applied Electronic Materials, 2019, 1, 1162-1168. | 4.3 | 22 |
| 6 | Realization of High-Performance Screen-Printed Flexible Thermoelectric Generator by Improving Contact Characteristics. Advanced Materials Interfaces, 2017, 4, 1700870. | 3.7 | 10 |
| 7 | Machine Learning Approach for Prediction of Point Defect Effect in FinFET. IEEE Transactions on Device and Materials Reliability, 2021, 21, 252-257. | 2.0 | 8 |
| 8 | Simultaneous measurement of the Seebeck coefficient and thermal conductivity in the cross-sectional direction of thermoelectric thick film. Journal of Applied Physics, 2012, 112, 104511. | 2.5 | 7 |
| 9 | Carbon Nanotube Based $\hat{\gamma}$ Ray Detector. ACS Sensors, 2019, 4, 1097-1102. | 7.8 | 7 |
| 10 | Effect of 150 MeV protons on carbon nanotubes for fabrication of a radiation detector. Nanotechnology, 2021, 32, 355501. | 2.6 | 1 |
| 11 | Patch-Type Vibration Visualization (PVV) Sensor System Based on Triboelectric Effect. Sensors, 2021, 21, 3976. | 3.8 | 1 |