

A wearable thermoelectric generator fabricated on a glass substrate

Energy and Environmental Science

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Copper(I) oxide based thermoelectric powders and pastes with high Seebeck coefficients. Applied Physics Letters, 2014, 105, .	1.5	22
3	An epidermal alkaline rechargeable Ag/Zn printable tattoo battery for wearable electronics. Journal of Materials Chemistry A, 2014, 2, 15788-15795.	5.2	130
4	Self-powered fully-flexible light-emitting system enabled by flexible energy harvester. Energy and Environmental Science, 2014, 7, 4035-4043.	15.6	179
5	Wearable thermoelectric generator for harvesting human body heat energy. Smart Materials and Structures, 2014, 23, 105002.	1.8	190
6	Design of a High Performance Polymer Thermoelectric Generator Using Radial Architecture. , 2015, , .		0
7	High Operating Voltage Supercapacitor Using PPy/AC Composite Electrode Based on Simple Dipping Method. Journal of Chemistry, 2015, 2015, 1-7.	0.9	7
8	Modeling of a honeycomb-shaped pyroelectric energy harvester for human body heat harvesting. Smart Materials and Structures, 2015, 24, 065032.	1.8	20
9	Thermoelectric energy conversion: How good can silicon be?. Materials Letters, 2015, 157, 193-196.	1.3	21
10	A Half Millimeter Thick Coplanar Flexible Battery with Wireless Recharging Capability. Nano Letters, 2015, 15, 2350-2357.	4.5	78
11	Reduced graphene oxide and polypyrrole/reduced graphene oxide composite coated stretchable fabric electrodes for supercapacitor application. Electrochimica Acta, 2015, 172, 12-19.	2.6	103
12	Flexible Technologies for Self-Powered Wearable Health and Environmental Sensing. Proceedings of the IEEE, 2015, 103, 665-681.	16.4	166
13	Analytical Evaluation of Interfacial Crack Propagation in Vacuum-Based Picking-up Process. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1700-1708.	1.4	11
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15	Flexible prototype thermoelectric devices based on Ag ₂ Te and PEDOT:PSS coated nylon fibre. Nanoscale, 2015, 7, 5598-5602.	2.8	54
16	A differential method for measuring cooling performance of a thermoelectric module. Applied Thermal Engineering, 2015, 87, 209-213.	3.0	3
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18	Flexible thermoelectric materials and device optimization for wearable energy harvesting. Journal of Materials Chemistry C, 2015, 3, 10362-10374.	2.7	518
19	Solution processed flexible hybrid cell for concurrently scavenging solar and mechanical energies. Nano Energy, 2015, 16, 301-309.	8.2	45

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20	Vertically stacked thin triboelectric nanogenerator for wind energy harvesting. <i>Nano Energy</i> , 2015, 14, 201-208.	8.2	170
21	A facile fabrication of n-type Bi ₂ Te ₃ nanowire/graphene layer-by-layer hybrid structures and their improved thermoelectric performance. <i>Chemical Engineering Journal</i> , 2015, 275, 102-112.	6.6	65
22	Layered Bi ₂ Se ₃ Nanoplate/Polyvinylidene Fluoride Composite Based n-type Thermoelectric Fabrics. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7054-7059.	4.0	108
23	Remarkable Conversion Between n- and p-Type Reduced Graphene Oxide on Varying the Thermal Annealing Temperature. <i>Chemistry of Materials</i> , 2015, 27, 7362-7369.	3.2	177
24	Free-standing Bi ₂ Sb ₂ Te ₃ films derived from thermal annealing of sputter-deposited Sb ₂ Te ₃ /Bi ₂ Te ₃ multilayer films for thermoelectric applications. <i>CrystEngComm</i> , 2015, 17, 7522-7527.	1.3	9
25	Advances and prospects of fiber supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20863-20879.	5.2	110
26	Flexible Si/PEDOT:PSS hybrid solar cells. <i>Nano Research</i> , 2015, 8, 3141-3149.	5.8	27
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28	Hierarchical Bi ₂ Te ₃ based flexible thin-film solar thermoelectric generator with light sensing feature. <i>Energy Conversion and Management</i> , 2015, 106, 1192-1200.	4.4	40
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57	Single-walled carbon nanotubes/polyaniline-coated polyester thermoelectric textile with good interface stability prepared by ultrasonic induction. <i>RSC Advances</i> , 2016, 6, 90347-90353.	1.7	24
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89	Self-powered wearable graphene fiber for information expression. <i>Nano Energy</i> , 2017, 32, 329-335.	8.2	148
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156	Enhancing p-Type Thermoelectric Performances of Polycrystalline SnSe via Tuning Phase Transition Temperature. <i>Journal of the American Chemical Society</i> , 2017, 139, 10887-10896.	6.6	110
157	Transparent flexible thermoelectric material based on non-toxic earth-abundant p-type copper iodide thin film. <i>Nature Communications</i> , 2017, 8, 16076.	5.8	233
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160	Human body heat for powering wearable devices: From thermal energy to application. <i>Energy Conversion and Management</i> , 2017, 131, 44-54.	4.4	189
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