

Stephen Beeby

List of Publications by Year in descending order

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294
papers

12,739
citations

41258

49
h-index

27345

106
g-index

301
all docs

301
docs citations

301
times ranked

8598
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified PDMS packaging of sensory e-textile circuit microsystems for improved robustness with washing. <i>Microsystem Technologies</i> , 2022, 28, 1467-1484.	1.2	23
2	Automated insertion of package dies onto wire and into a textile yarn sheath. <i>Microsystem Technologies</i> , 2022, 28, 1409-1421.	1.2	9
3	Finite element analysis (FEA) modelling and experimental verification to optimise flexible electronic packaging for e-textiles. <i>Microsystem Technologies</i> , 2022, 28, 1515-1524.	1.2	2
4	Millimeter-Wave Power Transmission for Compact and Large-Area Wearable IoT Devices Based on a Higher Order Mode Wearable Antenna. <i>IEEE Internet of Things Journal</i> , 2022, 9, 5229-5239.	5.5	15
5	Textile-based triboelectric nanogenerator with alternating positive and negative freestanding woven structure for harvesting sliding energy in all directions. <i>Nano Energy</i> , 2022, 92, 106739.	8.2	36
6	The effect of fabric properties on the performance of a textile based ferroelectret generator toward human body energy harvesting. <i>Smart Materials and Structures</i> , 2022, 31, 045015.	1.8	4
7	Screen-printed bismuth telluride nanostructured composites for flexible thermoelectric applications. <i>JPhys Energy</i> , 2022, 4, 024003.	2.3	11
8	Design of Textile Antenna for Moisture Sensing. , 2022, 15, .		4
9	5G-Enabled E-Textiles Based on a Low-Profile Millimeter-Wave Textile Antenna. , 2022, 15, .		0
10	Printable bifluorene based ultra-violet (UV) organic light-emitting electrochemical cells (OLECs) with improved device performance. <i>Organic Electronics</i> , 2022, 105, 106513.	1.4	5
11	Broadband Compact Substrate-Independent Textile Wearable Antenna for Simultaneous Near- and Far-Field Wireless Power Transmission. <i>IEEE Open Journal of Antennas and Propagation</i> , 2022, 3, 398-411.	2.5	13
12	E-Textile Breathing Sensor Using Fully Textile Wearable Antennas. , 2022, 15, .		5
13	An All Dispenser Printed Electrode Structure on Textile for Wearable Healthcare. , 2022, 15, .		1
14	Printed Non-Metallic Textile-Based Carbon Antenna for Low-Cost Green Wearable Applications. , 2022, , .		4
15	Meshed Microstrip Printed Antenna for Matching Network-Free RF Energy Harvesting. , 2022, , .		0
16	Textile Manufacturing Compatible Triboelectric Nanogenerator with Alternating Positive and Negative Woven Structure. , 2022, 15, .		0
17	Highly Conductive Flexible Printed PEDOT:PSS films for Green Humidity Sensing Applications. , 2022, , .		1
18	Battery-Free Wireless Light-Sensing Tag Based on a Long-Range Dual-Port Dual-Polarized RFID Platform. <i>Sensors</i> , 2022, 22, 4782.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Omnidirectional Dual-Polarized Low-Profile Textile Rectenna With Over 50% Efficiency for Sub- $\frac{1}{4}\lambda$ Wearable Power Harvesting. IEEE Transactions on Antennas and Propagation, 2021, 69, 2522-2536.	3.1	45
20	The influence of textile substrate on the performance of multilayer fabric supercapacitors. Journal of Industrial Textiles, 2021, 50, 1397-1408.	1.1	4
21	E-Textile Technology Review“From Materials to Application. IEEE Access, 2021, 9, 97152-97179.	2.6	40
22	Flexible Supercapacitor Fabricated on a Polyester-Cotton Textile. Proceedings (mdpi), 2021, 68, 7.	0.2	0
23	Printed Textile-Based Electronic Devices. , 2021, , 1-28.		1
24	Powering E-Textiles Using a Single Thread Radio Frequency Energy Harvesting Rectenna. Proceedings (mdpi), 2021, 68, 16.	0.2	1
25	Fully Printed Wearable Electrode Textile for Electrotherapy Application. Proceedings (mdpi), 2021, 68, .	0.2	4
26	Simulation of 2-Coil and 4-Coil Magnetic Resonance Wearable WPT Systems. Proceedings (mdpi), 2021, 68, 13.	0.2	0
27	Dual-Polarized Wearable Antenna/Rectenna for Full-Duplex and MIMO Simultaneous Wireless Information and Power Transfer (SWIPT). IEEE Open Journal of Antennas and Propagation, 2021, 2, 844-857.	2.5	29
28	Analyzing and Maximizing the Power Harvesting Efficiency of a Textile Rectenna Through Reflector-Based Shielding. , 2021, , .		1
29	2.4 GHz Wearable Textile Antenna/Rectenna for Simultaneous Information and Power Transfer. , 2021, , .		5
30	Spray-Coated Organic Light-Emitting Electrochemical Cells Realized on a Standard Woven Polyester Cotton Textile. IEEE Transactions on Electron Devices, 2021, 68, 1717-1722.	1.6	8
31	Culinary inspired electrolytes for textile supercapacitors. Energy Reports, 2021, 7, 81-86.	2.5	1
32	Dispenser Printed Flexible Rectenna for Dual-ISM Band High-Efficiency Supercapacitor Charging. , 2021, , .		4
33	Acetonitrile-Free Organic Electrolyte for Textile Supercapacitor Applications. Journal of the Electrochemical Society, 2021, 168, 080520.	1.3	8
34	Dual-Band Dual-Mode Textile Antenna/Rectenna for Simultaneous Wireless Information and Power Transfer (SWIPT). IEEE Transactions on Antennas and Propagation, 2021, 69, 6322-6332.	3.1	52
35	Visible and Ultraviolet Light Emitting Electrochemical Cells Realised on Woven Textiles. Proceedings (mdpi), 2021, 68, .	0.2	4
36	RF-Powered Wearable Energy Harvesting and Storage Module Based on E-Textile Coplanar Waveguide Rectenna and Supercapacitor. IEEE Open Journal of Antennas and Propagation, 2021, 2, 302-314.	2.5	37

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37	Millimeter-Wave Textile-Based Monopole Antenna for Wearable Wireless Power Transmission. , 2021, , .		2
38	CMOS UHF RFID Rectifier Design and Matching: an Analysis of Process and Temperature Variations. , 2021, , .		3
39	E-Textile RF Energy Harvesting and Storage using Organic-Electrolyte Carbon-Based Supercapacitors. , 2021, , .		0
40	Textile-based Hybrid Energy Storage System. , 2021, , .		0
41	Screen Printing Reliable Wearable Microstrip Antennas on Rough Textile Substrates. , 2021, , .		1
42	Textile-based Radio Frequency Energy Harvesting and Storage using Ultra-Compact Rectennas with High Effective-to-Physical Area Ratio. , 2021, , .		1
43	A new approach for obtaining PDMS ferroelectrets with random voids. , 2021, , .		0
44	Textile Manufacturing Compatible Triboelectric Nanogenerator with Alternating Positive and Negative Freestanding Grating Structure. Proceedings (mdpi), 2020, 32, .	0.2	0
45	Integration and Testing of a Three-Axis Accelerometer in a Woven E-Textile Sleeve for Wearable Movement Monitoring. Sensors, 2020, 20, 5033.	2.1	15
46	Millimeter-Wave Power Harvesting: A Review. IEEE Open Journal of Antennas and Propagation, 2020, 1, 560-578.	2.5	43
47	Real-World Performance of Sub-1 GHz and 2.4 GHz Textile Antennas for RF-Powered Body Area Networks. IEEE Access, 2020, 8, 133746-133756.	2.6	21
48	High-Efficiency Sub-1 GHz Flexible Compact Rectenna based on Parametric Antenna-Rectifier Co-Design. , 2020, , .		16
49	Rectennas for Radio-Frequency Energy Harvesting and Wireless Power Transfer: A Review of Antenna Design [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2020, 62, 95-107.	1.2	68
50	Broadband Millimeter-Wave Textile-Based Flexible Rectenna for Wearable Energy Harvesting. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4960-4972.	2.9	74
51	Sub-1 GHz Flexible Concealed Rectenna Yarn for High-Efficiency Wireless-Powered Electronic Textiles. , 2020, , .		7
52	Efficient Energy Conversion in Electrically Assisted Bicycles Using a Switched Reluctance Machine Under Torque Control. IEEE Access, 2020, 8, 202401-202411.	2.6	8
53	Screen Printed Flexible Water Activated Battery on Woven Cotton Textile as a Power Supply for E-Textile Applications. IEEE Access, 2020, 8, 206958-206965.	2.6	9
54	Meshed High-Impedance Matching Network-Free Rectenna Optimized for Additive Manufacturing. IEEE Open Journal of Antennas and Propagation, 2020, 1, 615-626.	2.5	28

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55	Textiles based ferroelectret generator with enhanced energy harvesting performance. , 2020, , .		1
56	Reliable UHF Long-Range Textile-Integrated RFID Tag Based on a Compact Flexible Antenna Filament. Sensors, 2020, 20, 3435.	2.1	38
57	Wash Testing of Electronic Yarn. Materials, 2020, 13, 1228.	1.3	21
58	The good, the bad and the porous: A review of carbonaceous materials for flexible supercapacitor applications. Energy Reports, 2020, 6, 148-156.	2.5	60
59	Wearable E-Textile Wireless RF Power Supply based on a Textile Supercapacitor and a Flexible Rectenna Filament. , 2020, , .		4
60	Rolling mass energy harvester for very low frequency of input vibrations. Mechanical Systems and Signal Processing, 2019, 125, 215-228.	4.4	35
61	Spray Coated Textile Solar Cells. , 2019, , .		1
62	Printable Piezoresistive Carbon Formulation for Stretch and Flex Sensors in E-Textile Applications. , 2019, , .		0
63	Textile based ferroelectret for foot pressure sensor. , 2019, , .		1
64	Processing of Printed Dye Sensitized Solar Cells on Woven Textiles. IEEE Journal of Photovoltaics, 2019, 9, 1020-1024.	1.5	21
65	E-Textiles for Healthy Ageing. Sensors, 2019, 19, 4463.	2.1	51
66	Water Activated Primary Textile Battery. , 2019, , .		4
67	Energy Harvesting Power Supplies for Electronic Textiles. , 2019, , .		3
68	Textile-based triboelectric nanogenerator with alternating positive and negative freestanding grating structure. Nano Energy, 2019, 66, 104148.	8.2	66
69	Novel Electronic Packaging Method for Functional Electronic Textiles. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 216-225.	1.4	15
70	Optimization a structure of MEMS based PDMS ferroelectret for human body energy harvesting and sensing. Smart Materials and Structures, 2019, 28, 075010.	1.8	9
71	Integrating Flexible Filament Circuits for E-Textile Applications. Advanced Materials Technologies, 2019, 4, 1900176.	3.0	74
72	Embedded Capacitive Proximity and Touch Sensing Flexible Circuit System for Electronic Textile and Wearable Systems. IEEE Sensors Journal, 2019, 19, 6975-6985.	2.4	24

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73	Flexible Printed Monolithic-Structured Solid-State Dye Sensitized Solar Cells on Woven Glass Fibre Textile for Wearable Energy Harvesting Applications. Scientific Reports, 2019, 9, 1362.	1.6	37
74	Overcoming the Efficiency Barrier of Textile Antennas: A Transmission Lines Approach. Proceedings (mdpi), 2019, 32, .	0.2	5
75	Characterizing and Modelling Non-Linear Rectifiers for RF Energy Harvesting. , 2019, , .		1
76	Modelling Reliable Electrical Conductors for E-Textile Circuits on Polyimide Filaments. Proceedings (mdpi), 2019, 32, .	0.2	0
77	Improved charge stability in PTFE coatings for PDMS ferroelectrets. , 2019, , .		3
78	Calendar Life of Textile Supercapacitors. , 2019, , .		0
79	Electrode for Wearable Electrotherapy. Proceedings (mdpi), 2019, 32, .	0.2	3
80	Flexible textile power module. Journal of Physics: Conference Series, 2019, 1407, 012002.	0.3	0
81	Optimization of Carbon Electrodes for Solid-State E-Textile Supercapacitors. Journal of Physics: Conference Series, 2019, 1407, 012059.	0.3	6
82	Textile-based freestanding triboelectric-layer nanogenerator with alternate positive and negative grating structure. Journal of Physics: Conference Series, 2019, 1407, 012124.	0.3	4
83	Textile based ferroelectret for wearable energy harvesting. Journal of Physics: Conference Series, 2019, 1407, 012117.	0.3	0
84	Millimeter-Wave Textile Antenna for on-Body RF Energy Harvesting in Future 5G Networks. , 2019, , .		35
85	Integration of temperature sensors in fabrics. , 2019, , .		5
86	Encapsulation Process and Materials Evaluation for E-Textile Gas Sensor. Proceedings (mdpi), 2019, 32, .	0.2	1
87	Wearable Textile Power Module Based on Flexible Ferroelectret and Supercapacitor. Energy Technology, 2019, 7, 1800938.	1.8	23
88	Flexible 2.4 GHz Node for Body Area Networks With a Compact High-Gain Planar Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 49-53.	2.4	33
89	Encapsulated Textile Organic Solar Cells Fabricated by Spray Coating. ChemistrySelect, 2019, 4, 407-412.	0.7	40
90	Recent progress on textile-based triboelectric nanogenerators. Nano Energy, 2019, 55, 401-423.	8.2	184

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91	PDMS-ZNO Composite Textile Ferroelectret For Human Body Energy Harvesting. , 2019, , .		1
92	Integrated Flexible Textile Supercapacitor Fabricated in a Polyester-Cotton Fabric. Proceedings (mdpi), 2019, 32, 15.	0.2	5
93	Energy-harvesting materials for smart fabrics and textiles. MRS Bulletin, 2018, 43, 214-219.	1.7	29
94	Fabrication Techniques for Manufacturing Flexible Coils on Textiles for Inductive Power Transfer. IEEE Sensors Journal, 2018, 18, 2599-2606.	2.4	51
95	An easy to assemble ferroelectret for human body energy harvesting. Smart Materials and Structures, 2018, 27, 084005.	1.8	23
96	CNTs-added PMNT/PDMS flexible piezoelectric nanocomposite for energy harvesting application. Integrated Ferroelectrics, 2018, 187, 70-79.	0.3	9
97	Stress Analysis and Optimization of a Flip Chip on Flex Electronic Packaging Method for Functional Electronic Textiles. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 186-194.	1.4	12
98	Controlled modification of resonant tunneling in metal-insulator-insulator-metal structures. Applied Physics Letters, 2018, 112, .	1.5	18
99	Solidâ€State Supercapacitor Fabricated in a Single Woven Textile Layer for Eâ€Textiles Applications. Advanced Engineering Materials, 2018, 20, 1700860.	1.6	53
100	A Flexible 2.45-GHz Power Harvesting Wristband With Net System Output From âˆ”24.3 dBm of RF Power. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 380-395.	2.9	121
101	Functional Electronic Textiles: Circuit Integration and Energy Harvesting Power Supplies. , 2018, , .		3
102	Investigation of Low Temperature Processed Titanium Dioxide (TiO ₂) Films for Printed Dye Sensitized Solar Cells (DSSCs) for Large Area Flexible Applications. Materials Today: Proceedings, 2018, 5, 13846-13854.	0.9	29
103	Screen Printed Dye-Sensitized Solar Cells (DSSCs) on Woven Polyester Cotton Fabric for Wearable Energy Harvesting Applications. Materials Today: Proceedings, 2018, 5, 13753-13758.	0.9	35
104	Optimized Process of Fully Spray-Coated Organic Solar Cells on Woven Polyester Cotton Fabrics. Materials Today: Proceedings, 2018, 5, 13745-13752.	0.9	9
105	Textile-Based Flexible Coils for Wireless Inductive Power Transmission. Applied Sciences (Switzerland), 2018, 8, 912.	1.3	15
106	Solution Processed Organic Solar Cells on Textiles. IEEE Journal of Photovoltaics, 2018, 8, 1710-1715.	1.5	26
107	Metal Layer reinforced multilayer ferroelectret-based energy harvester. Journal of Physics: Conference Series, 2018, 1052, 012115.	0.3	2
108	An automated process for inclusion of package dies and circuitry within a textile yarn. , 2018, , .		3

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109	Development of User-Friendly Wearable Electronic Textiles for Healthcare Applications. <i>Sensors</i> , 2018, 18, 2410.	2.1	49
110	Improving the integration of e-textile microsystems' encapsulation by modifying PDMS formulation., 2018, , .		2
111	The thickness and material optimization of flexible electronic packaging for functional electronic textile. , 2018, , .		1
112	An all screen-printed free-standing piezoelectric diaphragm for application on textile. , 2018, , .		0
113	Modelling and experimental validation of the effect of the elastic properties of fabrics on the durability of screen printed e-textiles. <i>Smart Materials and Structures</i> , 2018, 27, 075046.	1.8	12
114	Flexible piezoelectric nano-composite films for kinetic energy harvesting from textiles. <i>Nano Energy</i> , 2017, 33, 146-156.	8.2	89
115	Temperature dependence of a magnetically levitated electromagnetic vibration energy harvester. <i>Sensors and Actuators A: Physical</i> , 2017, 256, 1-11.	2.0	29
116	Intermittently-powered energy harvesting step counter for fitness tracking. , 2017, , .		10
117	A printed, dry electrode Frank configuration vest for ambulatory vectorcardiographic monitoring. <i>Smart Materials and Structures</i> , 2017, 26, 025029.	1.8	13
118	Stress Analysis of Flexible Packaging for the Integration of Electronic Components within Woven Textiles. , 2017, , .		3
119	Wearable and autonomous computing for future smart cities: Open challenges. , 2017, , .		19
120	Improving the Durability of Screen Printed Conductors on Woven Fabrics for E-Textile Applications. <i>Proceedings (mdpi)</i> , 2017, 1, 613.	0.2	4
121	Smart Textiles for Smart Home Control and Enriching Future Wireless Sensor Network Data. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017, , 159-183.	0.4	13
122	A Design Study Of A Wireless Power Transfer System For Use To Transfer Energy From A Vibration Energy Harvester. <i>Journal of Physics: Conference Series</i> , 2016, 773, 012100.	0.3	3
123	Energy Neutral Activity Monitoring: Wearables Powered by Smart Inductive Charging Surfaces. , 2016, , .		8
124	Design Optimization of a Magnetically Levitated Electromagnetic Vibration Energy Harvester for Body Motion. <i>Journal of Physics: Conference Series</i> , 2016, 773, 012056.	0.3	4
125	Screen Printable Flexible BiTe-SbTe-Based Composite Thermoelectric Materials on Textiles for Wearable Applications. <i>IEEE Transactions on Electron Devices</i> , 2016, 63, 4024-4030.	1.6	61
126	Investigation and improvement of the dispenser printing of electrical interconnections for smart fabric applications. <i>Smart Materials and Structures</i> , 2016, 25, 105021.	1.8	7

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127	Autonomy is the key. , 2016, , .		3
128	Novel thick-foam ferroelectret with engineered voids for energy harvesting applications. Journal of Physics: Conference Series, 2016, 773, 012030.	0.3	1
129	Integrated Flexible Solid-State Supercapacitor Fabricated In A Single Fabric Layer. Journal of Physics: Conference Series, 2016, 773, 012086.	0.3	0
130	PDMS/PVA composite ferroelectret for improved energy harvesting performance. Journal of Physics: Conference Series, 2016, 773, 012051.	0.3	3
131	(Invited) Tunnel-Barrier Rectifiers for Optical Nantennas. ECS Transactions, 2016, 72, 287-299.	0.3	9
132	An electromechanical model of ferroelectret for energy harvesting. Smart Materials and Structures, 2016, 25, 045010.	1.8	11
133	Fully spray-coated organic solar cells on woven polyester cotton fabrics for wearable energy harvesting applications. Journal of Materials Chemistry A, 2016, 4, 5561-5568.	5.2	57
134	Flexible screen printed thermoelectric generator with enhanced processes and materials. Sensors and Actuators A: Physical, 2016, 238, 196-206.	2.0	94
135	Durability of screen printed electrical interconnections on woven textiles. , 2015, , .		9
136	Screen-printed free-standing piezoelectric devices using low temperature process. , 2015, , .		1
137	Fully directâ€write dispenser printed dipole antenna on woven polyester cotton fabric for wearable electronics applications. Electronics Letters, 2015, 51, 1306-1308.	0.5	11
138	Near field wireless power transfer using curved relay resonators for extended transfer distance. Journal of Physics: Conference Series, 2015, 660, 012136.	0.3	5
139	Design of an Inductive Power Transfer System with Flexible Coils for Body-worn Applications. Journal of Physics: Conference Series, 2015, 660, 012135.	0.3	1
140	Multilayer ferroelectret-based energy harvesting insole. Journal of Physics: Conference Series, 2015, 660, 012118.	0.3	16
141	Flexible solid-state fabric based supercapacitor. Journal of Physics: Conference Series, 2015, 660, 012074.	0.3	5
142	Optimization of a PDMS structure for energy harvesting under compressive forces. Journal of Physics: Conference Series, 2015, 660, 012041.	0.3	5
143	Vibration energy harvesting: fabrication, miniaturisation and applications. Proceedings of SPIE, 2015, , .	0.8	5
144	Wearable EEG headband using printed electrodes and powered by energy harvesting for emotion monitoring in ambient assisted living. Smart Materials and Structures, 2015, 24, 125028.	1.8	27

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145	Clamping effect on the piezoelectric responses of screen-printed low temperature PZT/Polymer films on flexible substrates. Smart Materials and Structures, 2015, 24, 115030.	1.8	13
146	All dispenser printed flexible 3D structured thermoelectric generators. Journal of Physics: Conference Series, 2015, 660, 012096.	0.3	12
147	Scaling effects for piezoelectric energy harvesters. Proceedings of SPIE, 2015, , .	0.8	1
148	Energy harvesting study on single and multilayer ferroelectret foams under compressive force. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1360-1368.	1.8	40
149	A 2.45 GHz rectenna screen-printed on polycotton for on-body RF power transfer and harvesting. , 2015, , .		13
150	Inductive power transfer in e-textile applications: Reducing the effects of coil misalignment. , 2015, , .		9
151	A miniature piezoelectric energy harvester for air flows. , 2015, , .		1
152	Novel active electrodes for ECG monitoring on woven textiles fabricated by screen and stencil printing. Sensors and Actuators A: Physical, 2015, 221, 60-66.	2.0	66
153	The effect of the type of illumination on the energy harvesting performance of solar cells. Solar Energy, 2015, 111, 21-29.	2.9	87
154	Printed Textile-Based Electronic Devices. , 2015, , 653-687.		5
155	Editorial: Selected papers from the 13th International Conference on Micro and Nanotechnology for Power Generation and Energy Conversion Applications (powerMEMS 2013). Journal of Micromechanics and Microengineering, 2014, 24, 100201.	1.5	0
156	Flexible screen printed thick film thermoelectric generator with reduced material resistivity. Journal of Physics: Conference Series, 2014, 557, 012016.	0.3	31
157	Improving the dielectric and piezoelectric properties of screen-printed Low temperature PZT/polymer composite using cold isostatic pressing. Journal of Physics: Conference Series, 2014, 557, 012083.	0.3	6
158	Real time emotion detection within a wireless sensor network and its impact on power consumption. IET Wireless Sensor Systems, 2014, 4, 183-190.	1.3	6
159	Printed frequency selective surfaces on textiles. Electronics Letters, 2014, 50, 916-917.	0.5	59
160	Comparisons of Energy Sources for Autonomous In-car Wireless Tags for Asset Tracking and Parking Applications. Procedia Engineering, 2014, 87, 783-786.	1.2	2
161	A Hip Implant Energy Harvester. Journal of Physics: Conference Series, 2014, 557, 012038.	0.3	5
162	Power Electronics Design of a Solar Powered In-car Wireless Tag for Asset Tracking and Parking Applications. Journal of Physics: Conference Series, 2014, 557, 012044.	0.3	1

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163	A novel fabrication process to realize a valveless micropump on a flexible substrate. Smart Materials and Structures, 2014, 23, 025034.	1.8	17
164	Screen printed fabric electrode array for wearable functional electrical stimulation. Sensors and Actuators A: Physical, 2014, 213, 108-115.	2.0	90
165	An investigation into the durability of screen-printed conductive tracks on textiles. Measurement Science and Technology, 2014, 25, 025006.	1.4	45
166	Review of the application of energy harvesting in buildings. Measurement Science and Technology, 2014, 25, 012002.	1.4	217
167	The development of screen printed conductive networks on textiles for biopotential monitoring applications. Sensors and Actuators A: Physical, 2014, 206, 35-41.	2.0	88
168	Fuzzy logic based emotion classification. , 2014, , .		24
169	A Smart Textile Based Facial EMG and EOG Computer Interface. IEEE Sensors Journal, 2014, 14, 393-400.	2.4	79
170	Inkjet-Printed Microstrip Patch Antennas Realized on Textile for Wearable Applications. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 71-74.	2.4	147
171	Wind Energy Harvesting for Recharging Wireless Sensor Nodes: Brief Review and A Case Study. , 2014, , 1-30.		0
172	An investigation of PDMS structures for optimized ferroelectret performance. Journal of Physics: Conference Series, 2014, 557, 012104.	0.3	13
173	Development of a low temperature PZT/polymer paste for screen printed flexible electronics applications. , 2014, , .		1
174	Functional Electronic Screen-printing " Electroluminescent Lamps on Fabric. Procedia Engineering, 2014, 87, 1513-1516.	1.2	12
175	Screen Printed Free-standing Resonator with Piezoelectric Excitation and Detection on Flexible Substrate. Procedia Engineering, 2014, 87, 947-950.	1.2	2
176	Water Based PVA Sacrificial Material for Low Temperature MEMS Fabrication and Applications on e-textiles. Procedia Engineering, 2014, 87, 1565-1568.	1.2	4
177	Increasing output power of electromagnetic vibration energy harvesters using improved Halbach arrays. Sensors and Actuators A: Physical, 2013, 203, 11-19.	2.0	51
178	Real time eye blink noise removal from EEG signals using morphological component analysis. , 2013, 2013, 13-6.		17
179	An Evaluation of Otoacoustic Emissions as a Biometric. IEEE Transactions on Information Forensics and Security, 2013, 8, 174-183.	4.5	17
180	Novel Miniature Airflow Energy Harvester for Wireless Sensing Applications in Buildings. IEEE Sensors Journal, 2013, 13, 691-700.	2.4	45

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181	A screen printable sacrificial fabrication process to realise a cantilever on fabric using a piezoelectric layer to detect motion for wearable applications. Sensors and Actuators A: Physical, 2013, 203, 241-248.	2.0	19
182	Magnetic tuning of a kinetic energy harvester using variable reluctance. Sensors and Actuators A: Physical, 2013, 189, 266-275.	2.0	30
183	Inkjet printed dipole antennas on textiles for wearable communications. IET Microwaves, Antennas and Propagation, 2013, 7, 760-767.	0.7	104
184	Waterproof and durable screen printed silver conductive tracks on textiles. Textile Research Journal, 2013, 83, 2023-2031.	1.1	99
185	Tunable vibration energy harvester. , 2013, , .		2
186	A miniature airflow energy harvester from piezoelectric materials. Journal of Physics: Conference Series, 2013, 476, 012057.	0.3	8
187	Screen printing of a capacitive cantilever-based motion sensor on fabric using a novel sacrificial layer process for smart fabric applications. Measurement Science and Technology, 2013, 24, 075104.	1.4	35
188	Screen printed piezoelectric films for energy harvesting. Advances in Applied Ceramics, 2013, 112, 79-84.	0.6	7
189	Fabric based supercapacitor. Journal of Physics: Conference Series, 2013, 476, 012114.	0.3	4
190	Novel screen printed humidity sensor on textiles for smart textile applications. , 2013, , .		13
191	Screen-printed piezoelectric shoe-insole energy harvester using an improved flexible PZT-polymer composites. Journal of Physics: Conference Series, 2013, 476, 012108.	0.3	24
192	Screen printed flexible $\text{Bi}_2\text{Te}_3\text{-Sb}_2\text{Te}_3$ based thermoelectric generator. Journal of Physics: Conference Series, 2013, 476, 012031.	0.3	52
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194	A comparison of power output from linear and nonlinear kinetic energy harvesters using real vibration data. Smart Materials and Structures, 2013, 22, 075022.	1.8	57
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