

Leena Ukkonen

List of Publications by Year in descending order

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192
papers

3,101
citations

186265

28
h-index

223800

46
g-index

194
all docs

194
docs citations

194
times ranked

2493
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet-Printed Humidity Sensor for Passive UHF RFID Systems. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2768-2777.	4.7	183
2	Screen-Printing Fabrication and Characterization of Stretchable Electronics. Scientific Reports, 2016, 6, 25784.	3.3	151
3	Miniature implantable and wearable on-body antennas: towards the new era of wireless body-centric systems [antenna applications corner]. IEEE Antennas and Propagation Magazine, 2014, 56, 271-291.	1.4	122
4	Fabrication and Characterization of Graphene Antenna for Low-Cost and Environmentally Friendly RFID Tags. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1569-1572.	4.0	95
5	Analysis of electrically conductive silver ink on stretchable substrates under tensile load. Microelectronics Reliability, 2010, 50, 2001-2011.	1.7	80
6	Embedded wireless strain sensors based on printed RFID tag. Sensor Review, 2011, 31, 32-40.	1.8	73
7	Flexible and Stretchable Brush-Painted Wearable Antenna on a Three-Dimensional (3-D) Printed Substrate. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3108-3112.	4.0	70
8	UHF RFID Reader Antenna for Near-Field and Far-Field Operations. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1274-1277.	4.0	65
9	The Effect of Conductive Ink Layer Thickness on the Functioning of Printed UHF RFID Antennas. Proceedings of the IEEE, 2010, 98, 1610-1619.	21.3	62
10	A Transparent Strain Sensor Based on PDMS-Embedded Conductive Fabric for Wearable Sensing Applications. IEEE Access, 2018, 6, 71020-71027.	4.2	61
11	Polydimethylsiloxane-Embedded Conductive Fabric: Characterization and Application for Realization of Robust Passive and Active Flexible Wearable Antennas. IEEE Access, 2018, 6, 48102-48112.	4.2	61
12	Passive UHF Inkjet-Printed Narrow-Line RFID Tags. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 440-443.	4.0	55
13	Effects of Sewing Pattern on the Performance of Embroidered Dipole-Type RFID Tag Antennas. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1482-1485.	4.0	53
14	The effects of recurrent stretching on the performance of electro-textile and screen-printed ultra-high-frequency radio-frequency identification tags. Textile Research Journal, 2015, 85, 294-301.	2.2	53
15	Passive UHF RFID in Paper Industry: Challenges, Benefits and the Application Environment. IEEE Transactions on Automation Science and Engineering, 2009, 6, 66-79.	5.2	49
16	Printed humidity sensor for UHF RFID systems. , 2010, , .		49
17	Impact of Moisture and Washing on the Performance of Embroidered UHF RFID Tags. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1590-1593.	4.0	49
18	Backscattering Neural Tags for Wireless Brain-Machine Interface Systems. IEEE Transactions on Antennas and Propagation, 2015, 63, 719-726.	5.1	48

#	ARTICLE	IF	CITATIONS
19	Embroidered Antenna-Microchip Interconnections and Contour Antennas in Passive UHF RFID Textile Tags. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1205-1208.	4.0	47
20	Experimental Study on the Washing Durability of Electro-Textile UHF RFID Tags. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 466-469.	4.0	43
21	Reconfigurable Sensing Antenna: A Slotted Patch Design With Temperature Sensation. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 632-635.	4.0	38
22	WLAN and RFID Propagation channels for hybrid indoor positioning. , 2014, , .		38
23	Low-Profile Conformal UHF RFID Tag Antenna for Integration With Water Bottles. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1147-1150.	4.0	37
24	Design and realization of stretchable sewn chipless RFID tags and sensors for wearable applications. , 2013, , .		36
25	Read Range Performance Comparison of Compact Reader Antennas for a Handheld UHF RFID Reader. , 2007, , .		34
26	Inkjet-printed passive UHF RFID tags: review and performance evaluation. International Journal of Advanced Manufacturing Technology, 2012, 62, 167-182.	3.0	34
27	Wearable Passive E-Textile UHF RFID Tag Based on a Slotted Patch Antenna with Sewn Ground and Microchip Interconnections. International Journal of Antennas and Propagation, 2017, 2017, 1-8.	1.2	34
28	Temperature sensor tag for passive UHF RFID systems. , 2011, , .		33
29	Design of Wireless Links to Implanted Brainâ€“Machine Interface Microelectronic Systems. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1663-1666.	4.0	33
30	Hybrid WLAN-RFID Indoor Localization Solution Utilizing Textile Tag. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1358-1361.	4.0	33
31	Analysis of Silver Ink Bow-Tie RFID Tag Antennas Printed on Paper Substrates. International Journal of Antennas and Propagation, 2007, 2007, 1-9.	1.2	31
32	Characterization of UHF RFID tags fabricated directly on convex surfaces by pad printing. International Journal of Advanced Manufacturing Technology, 2011, 53, 577-591.	3.0	29
33	Sewed textile RFID tag and sensor antennas for on-body use. , 2012, , .		29
34	Remotely Powered Piezoresistive Pressure Sensor: Toward Wireless Monitoring of Intracranial Pressure. IEEE Microwave and Wireless Components Letters, 2016, 26, 549-551.	3.2	29
35	Sensitivity enhancement of flexible gas sensors via conversion of inkjet-printed silver electrodes into porous gold counterparts. Scientific Reports, 2017, 7, 8988.	3.3	29
36	Characterization of embroidered dipole-type RFID tag antennas. , 2012, , .		27

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37	The Effect of Fabrication Method on Passive UHF RFID Tag Performance. International Journal of Antennas and Propagation, 2009, 2009, 1-8.	1.2	26
38	Analysis of wireless powering of mm-size neural recording tags in RFID-inspired wireless brain-machine interface systems. , 2013, , .		26
39	Characterization of Passive UHF RFID Tag Performance. IEEE Antennas and Propagation Magazine, 2008, 50, 207-212.	1.4	25
40	Printed passive UHF RFID tags as wearable strain sensors. , 2010, , .		25
41	Next-Generation Healthcare: Enabling Technologies for Emerging Bioelectromagnetics Applications. IEEE Open Journal of Antennas and Propagation, 2022, 3, 363-390.	3.7	24
42	Inductively Powered Pressure Sensing System Integrating a Far-Field Data Transmitter for Monitoring of Intracranial Pressure. IEEE Sensors Journal, 2017, 17, 2191-2197.	4.7	23
43	Wireless Measurement of RFID IC Impedance. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3194-3206.	4.7	22
44	Towards Washable Electrotexile UHF RFID Tags: Reliability Study of Epoxy-Coated Copper Fabric Antennas. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	1.2	22
45	Experimental Study on Strain Reliability of Embroidered Passive UHF RFID Textile Tag Antennas and Interconnections. Journal of Engineering (United States), 2017, 2017, 1-7.	1.0	22
46	Split-Ring Resonator Antenna System With Cortical Implant and Head-Worn Parts for Effective Far-Field Implant Communications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 710-713.	4.0	22
47	Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling. , 2019, , .		22
48	Double Split Rings as Extremely Small and Tuneable Antennas for Brain Implantable Wireless Medical Microsystems. IEEE Transactions on Antennas and Propagation, 2021, 69, 760-768.	5.1	22
49	Inkjet-Printed UHF RFID Tags on Renewable Materials. Advances in Internet of Things, 2012, 02, 79-85.	2.2	22
50	Characterization of Two-Turns External Loop Antenna With Magnetic Core for Efficient Wireless Powering of Cortical Implants. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1410-1413.	4.0	21
51	Biotelemetric Wireless Intracranial Pressure Monitoring: An In Vitro Study. International Journal of Antennas and Propagation, 2015, 2015, 1-10.	1.2	20
52	Testing the effects of temperature and humidity on printed passive UHF RFID tags on paper substrate. International Journal of Electronics, 2014, 101, 711-730.	1.4	19
53	Long range metal mountable tag antenna for passive UHF RFID systems. , 2011, , .		18
54	Effects of Cycling Humidity on the Performance of RFID Tags With ACA Joints. IEEE Transactions on Reliability, 2012, 61, 23-31.	4.6	18

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55	Measurement of Wireless Link for Brain-Machine Interface Systems Using Human-Head Equivalent Liquid. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1307-1310.	4.0	18
56	Automated Identification of Plywood Using Embedded Inkjet-Printed Passive UHF RFID Tags. IEEE Transactions on Automation Science and Engineering, 2013, 10, 796-806.	5.2	18
57	Measurement of Wireless Power Transfer to Deep-Tissue RFID-Based Implants Using Wireless Repeater Node. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2171-2174.	4.0	18
58	Comparison of Wearable E-Textile Split Ring Resonator and Slotted Patch RFID Reader Antennas Embedded in Work Gloves. IEEE Journal of Radio Frequency Identification, 2019, 3, 259-264.	2.3	18
59	Glove-Integrated Passive UHF RFID Tags-Fabrication, Testing and Applications. IEEE Journal of Radio Frequency Identification, 2019, 3, 127-132.	2.3	18
60	Evolutionary RFID tag antenna design for paper industry applications. International Journal of Radio Frequency Identification Technology and Applications, 2006, 1, 107.	0.5	17
61	3D-Printed Graphene Antennas and Interconnections for Textile RFID Tags: Fabrication and Reliability towards Humidity. International Journal of Antennas and Propagation, 2017, 2017, 1-5.	1.2	16
62	A Small All-Corners-Truncated Circularly Polarized Microstrip Patch Antenna on Textile Substrate for Wearable Passive UHF RFID Tags. IEEE Journal of Radio Frequency Identification, 2021, 5, 106-112.	2.3	16
63	Fabrication of embroidered UHF RFID tags. , 2012, , .		15
64	Miniature Coplanar Implantable Antenna on Thin and Flexible Platform for Fully Wireless Intracranial Pressure Monitoring System. International Journal of Antennas and Propagation, 2017, 2017, 1-9.	1.2	15
65	A novel carbon nanotube loaded passive UHF RFID sensor tag with built-in reference for wireless gas sensing. , 2016, , .		14
66	Design and optimization of mm-size implantable and wearable on-body antennas for biomedical systems. , 2014, , .		13
67	Reliability Analysis of RFID Tags in Changing Humid Environment. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 77-85.	2.5	13
68	Wearable passive UHF RFID tag based on a split ring antenna. , 2017, , .		13
69	Electro-textile UHF RFID patch antennas for positioning and localization applications. , 2014, , .		12
70	Experimental Study on Inkjet-Printed Passive UHF RFID Tags on Versatile Paper-Based Substrates. International Journal of Antennas and Propagation, 2016, 2016, 1-8.	1.2	12
71	Characterization of 3-D Loop Antenna to Overcome the Impact of Small Lateral Misalignment in Wirelessly Powered Intracranial Pressure Monitoring System. IEEE Transactions on Antennas and Propagation, 2017, 65, 7405-7410.	5.1	12
72	Embroidered RFID tags in body-centric communication. , 2013, , .		11

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73	On-body antennas: Design considerations and challenges. , 2016, , .		11
74	Glove-Integrated Slotted Patch Antenna for Wearable UHF RFID Reader. , 2018, , .		11
75	Analysis of biotelemetric interrogation of chronically implantable intracranial capacitive pressure sensor. , 2014, , .		10
76	Experimental Study on Brush-Painted Metallic Nanoparticle UHF RFID Tags on Wood Substrates. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 301-304.	4.0	10
77	Possibilities of 3D direct write dispensing for textile UHF RFID tag manufacturing. , 2015, , .		10
78	Circularly polarized textile antenna for 2.45 GHz. , 2015, , .		10
79	The possibilities of passive UHF RFID textile tags as comfortable wearable sweat rate sensors. , 2016, , .		10
80	Passive UHF RFID-based User Interface on a Wooden Surface. , 2019, , .		10
81	A Dual-ID RFID Tag for Headgear Based on Quasi-Yagi and Dipole Antennas. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1321-1325.	4.0	10
82	Wearable Metasurface-Enabled Quasi-Yagi Antenna for UHF RFID Reader With End-Fire Radiation Along the Forearm. IEEE Access, 2021, 9, 77229-77238.	4.2	10
83	Passive Moisture Sensor Based on Conductive and Water-Soluble Yarns. IEEE Sensors Journal, 2020, 20, 10989-10995.	4.7	10
84	A New Approach and Analysis of Modeling the Human Body in RFID-Enabled Body-Centric Wireless Systems. International Journal of Antennas and Propagation, 2014, 2014, 1-12.	1.2	9
85	Microstrip transmission line model fitting approach for characterization of textile materials as dielectrics and conductors for wearable electronics. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2582.	1.9	9
86	Body Movement-Based Controlling Through Passive RFID Integrated Into Clothing. IEEE Journal of Radio Frequency Identification, 2020, 4, 414-419.	2.3	9
87	Small Triple-Band Meandered PIFA for Brain-Implantable Biotelemetric Systems: Development and Testing in a Liquid Phantom. International Journal of Antennas and Propagation, 2021, 2021, 1-13.	1.2	9
88	Design and RFID signal analysis of a meander line UHF RFID tag antenna. , 2008, , .		8
89	Practical read range evaluation of wearable embroidered UHF RFID tag. , 2012, , .		8
90	Brush-painting and photonical sintering of copper and silver inks on cotton fabric to form antennas for wearable ultra-high-frequency radio-frequency identification tags. Textile Research Journal, 2016, 86, 1616-1624.	2.2	8

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91	Possibilities of Fabricating Copper-based RFID Tags with Photonic-sintered Inkjet Printing and Thermal Transfer Printing. IEEE Antennas and Wireless Propagation Letters, 2017, , 1-1.	4.0	8
92	Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader. , 2019, , .		8
93	Impact of recurrent washing on the performance of electro-textile UHF RFID tags. , 2014, , .		7
94	Characterization of graphene-based inkjet printed samples on flexible substrate for wireless sensing applications. , 2014, , .		7
95	Development and Implementation of an RFID-Based Tunnel Access Monitoring System. Science and Technology of Nuclear Installations, 2016, 2016, 1-10.	0.8	7
96	Towards eco-friendly and cost-effective passive RFID applications. , 2016, , .		7
97	Laboratory scale fabrication techniques for passive UHF RFID tags. , 2010, , .		6
98	Development of a low profile conformal UHF RFID tag antenna for identification of water bottles. , 2011, , .		6
99	Small slot antenna for metal mountable UHF RFID tags. , 2012, , .		6
100	Performance of UHF RFID tags printed directly on plywood structures. International Journal of RF Technologies: Research and Applications, 2012, 3, 283-302.	0.7	6
101	Dual-Port Planar Antenna for Implantable Inductively Coupled Sensors. IEEE Transactions on Antennas and Propagation, 2017, 65, 5732-5739.	5.1	6
102	Compact Dual-Band PIFA Based on a Slotted Radiator for Wireless Biomedical Implants. , 2019, , .		6
103	Design and performance of passive UHF RFID tag antenna for industrial paper reels. , 2007, , .		5
104	Design and comparison between two general purpose dipole type UHF RFID tag antennas. , 2008, , .		5
105	Effects of laboratory-scale IC attachment methods on passive UHF RFID tag performance. , 2011, , .		5
106	Electromagnetic modelling and measurement of antennas for wireless brain-machine interface systems. , 2013, , .		5
107	Impact of recurrent stretching on the performance of electro-textile UHF RFID tags. , 2014, , .		5
108	Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system. , 2015, , .		5

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109	2.4 GHz inkjet-printed RF energy harvester on bulk cardboard substrate. , 2015, , .		5
110	Dual-Layer Circularly Polarized Split Ring Resonator Inspired Antenna for Wearable UHF RFID Tag. , 2018, , .		5
111	A Batteryless Semi-Passive RFID Sensor Platform. , 2019, , .		5
112	Design and non-invasive design verification of a slot-type passive UHF RFID tag. , 2010, , .		4
113	Inkjet-printed monopole antenna and voltage doubler on cardboard for RF energy harvesting. , 2015, , .		4
114	Piezoresistive pressure sensor for ICP monitoring: Remote powering through wearable textile antenna and sensor readout experiment. , 2016, , .		4
115	Antennas and antenna-electronics interfaces made of conductive yarn and paint for cost-effective wearable RFIDs and sensors. , 2017, , .		4
116	3D-Printed Eco-Friendly and Cost-Effective Wireless Platforms. , 2018, , .		4
117	RF Energy Harvesting System Integrating a Passive UHF RFID Tag as a Charge Storage Indicator. , 2018, , .		4
118	Comparison of Human Head Phantoms with Different Complexities for Implantable Antenna Development. , 2018, , .		4
119	Electrically Small UHF RFID Tag Antenna Based on Inductively Coupled Resonant LC Tank. , 2019, , .		4
120	Circularly Polarized Corner-Truncated and Slotted Microstrip Patch Antenna on Textile Substrate for Wearable Passive UHF RFID Tags. , 2020, , .		4
121	Intelligent Wristbands - Fabrication of Wearable RFID Solutions by 3D Printing Pen. , 2020, , .		4
122	Impedance matching considerations for passive UHF RFID tags. , 2009, , .		3
123	ESD and disturbance cases in electrostatic protected areas. , 2015, , .		3
124	The effect of USB ground cable and product dynamic capacitance on IEC61000-4-2 qualification. , 2015, , .		3
125	Comparative study of inkjet and thermal printing for fabrication of passive UHF RFID tags. , 2016, , .		3
126	Additive manufacturing of antennas from copper oxide nanoparticle ink: Toward low-cost RFID tags on paper- and textile-based platforms. , 2016, , .		3

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127	Performance comparison of inkjet and thermal transfer printed passive ultra-high-frequency radio-frequency identification tags. IET Microwaves, Antennas and Propagation, 2016, 10, 1507-1514.	1.4	3
128	Performance of silver-based textile UHF passive RFID tags after recurrent washing. , 2016, , .		3
129	The possibilities of graphene-based passive RFID tags in high humidity conditions. , 2016, , .		3
130	Comparison of wearable passive UHF RFID tags based on electro-textile dipole and patch antennas in body-worn configurations. , 2017, , .		3
131	Split ring resonator antenna system with implantable and wearable parts for far field readable backscattering implants. , 2017, , .		3
132	Embroidered antennas and antenna-electronics interfaces for wearable RFID tags. , 2017, , .		3
133	Contactless health-care sensing. Nature, 2017, 551, 572-573.	27.8	3
134	Circularly Polarized Textile Tag Antenna for Wearable Passive UHF RFID Systems. , 2018, , .		3
135	Wireless Power Transfer to Intra-Abdominal Implants Using an Around-the-Body Loop Antenna. , 2019, , .		3
136	Testing the effects of fabrication parameters on the post-fabrication shape change of a three-dimensional printed textile platform. Textile Research Journal, 2021, 91, 2157-2166.	2.2	3
137	Small Multi-Resonant Meandered PIFA for Brain Implant Communications. , 2019, , .		3
138	Development of Novel RFID Tags for Identification of Metallic Objects. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 515-520.	0.4	2
139	Exploiting passive UHF RFID in paper industry - Case study: End user. , 2008, , .		2
140	Effect of sintering method on the read range of brush-painted silver nanoparticle UHF RFID tags on wood and polyimide substrates. , 2014, , .		2
141	Brush-painted silver UHF RFID tags on environmental-friendly and flexible substrates. , 2015, , .		2
142	Performance evaluation of circularly polarized patch antenna on flexible EPDM substrate near human body. , 2015, , .		2
143	Embroidered textile antennas for wireless body-centric communication and sensing. , 2015, , .		2
144	A reliability study of coating materials for brush-painted washable textile RFID tags. , 2016, , .		2

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145	Strain reliability and substrate specific features of passive UHF RFID textile tag antennas. , 2016, , .		2
146	Reliability study of flexible inkjet- and thermal-printed RFID antennas in high humidity conditions. , 2016, , .		2
147	Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure. , 2017, , .		2
148	Inkjet-printed antenna-electronics interconnections in passive UHF RFID tags. , 2017, , .		2
149	Embroidered UHF RFID Moisture Sensor Tag on Dishcloth Substrate. , 2018, , .		2
150	Eco-friendly Flexible Wireless Platforms by 3D Printing Pen. , 2019, , .		2
151	Impact of Anatomical Variability on the Wireless Power Transfer to Intra-Abdominal Implants. , 2019, , .		2
152	Dual-ID Headgear UHF RFID Tag with Broadside and End-Fire Patterns based on Quasi-Yagi Antenna. , 2019, , .		2
153	Embroidered and e-textile Conductors Embedded inside 3D-printed Structures. , 2019, , .		2
154	Protective Coating Methods for Glove-Integrated RFID Tags - A Preliminary Study. , 2020, , .		2
155	Reliability of Passive UHF RFID Copper Tags on Plywood Substrate in High Humidity Conditions. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2016, 2016, 12-16.	0.2	2
156	Inductively Coupled Split Ring Resonator as Small RFID Pressure Sensor for Biomedical Applications. , 2020, , .		2
157	Performance of RFID bowtie tag antenna with different impedance matching. , 2008, , .		1
158	On-body antennas: Towards wearable intelligence. , 2014, , .		1
159	Comparison of inkjet-printed and microfabricated loop antennas for implants in wireless brain-machine interface systems. , 2014, , .		1
160	Experimental study on antenna â€” IC interconnections for electro-textile RFID tags. , 2016, , .		1
161	Antennas in Body-Centric Sensor Network Devices. , 2016, , 2589-2612.		1
162	Electro-textile slotted patch antenna for wearable passive UHF RFID tags. , 2017, , .		1

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163	Effect of implant coating on wireless powering for intracranial pressure monitoring system. , 2017, , .		1
164	Two-part stretchable passive UHF RFID textile tags. , 2017, , .		1
165	Fabrication and moisture reliability of painted and electro-textile tags for wearable RFID applications. , 2017, , .		1
166	Experimental Study on RFID Antenna Reading Areas in a Tunnel System. Journal of Engineering (United) Tj ETQq0 0,0rgBT /Oyerlock 10	1,0	1
167	Textile-Integrated Stretchable Structures for Wearable Wireless Platforms. , 2018, , .		1
168	Fabrication Challenges in Embedding of Components and Embroidered Conductors into 3D-printed Textile Electronics Structures. , 2019, , .		1
169	Small Triple-Band Meandered PIFA for Brain-Implantable Bio-telemetric Systems: Optimization of Substrate/Superstrate Effectiveness. , 2021, , .		1
170	Antennas and Wireless Power Transfer to Small Biomedical Brain Implants. , 2022, , .		1
171	Advances in Antennas for Wireless Identification and Sensing Systems. International Journal of Antennas and Propagation, 2013, 2013, 1-2.	1.2	0
172	Inkjet-printed GSM900 band RF power harvester on paper-based substrates. , 2014, , .		0
173	Optimized RF/microwave antennas and circuits on low-cost fibrous substrates using inkjet-printing technology. , 2014, , .		0
174	Flash reduction of inkjet printed graphene oxide on flexible substrates for electronic applications. , 2015, , .		0
175	Heat-sintered and photonicallly sintered brush-painted silver UHF RFID tags on plywood substrates. , 2015, , .		0
176	Testing and modeling the performance of stretchable screen printed UHF RFID tag under strain. , 2016, , .		0
177	Optimization of orthogonal-coil RF probe for miniature passive implantable pressure sensors. , 2016, , .		0
178	Minimum of two-port voltage and power gain under varying terminations: Semi-analytical method and application to biotelemetry systems. , 2016, , .		0
179	Characterization of nanoparticle inks on a novel polyester-based substrate for manufacturing of passive UHF RFID tags. , 2016, , .		0
180	Experimental study on UHF RFID tags integrated in medical bandage and paper-based materials. , 2017, , .		0

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181	Charge Storage Level Indicator for RF Energy Harvester based on Dual-ID Passive UHF RFID Tag. , 2018, , .		0
182	Maintenance-free Moisture Sensor on Dishcloth Substrate. , 2019, , .		0
183	Design, Fabrication, and Wireless Evaluation of a Passive 3D-printed Moisture Sensor on a Textile Substrate. , 2019, , .		0
184	Corrigendum to "Experimental Study on Strain Reliability of Embroidered Passive UHF RFID Textile Tag Antennas and Interconnections" Journal of Engineering (United States), 2020, 2020, 1-1.	1.0	0
185	Corrigendum to "Wearable Passive E-Textile UHF RFID Tag Based on a Slotted Patch Antenna with Sewn Ground and Microchip Interconnections" International Journal of Antennas and Propagation, 2020, 2020, 1-1.	1.2	0
186	Corrigendum to "3D-Printed Graphene Antennas and Interconnections for Textile RFID Tags: Fabrication and Reliability towards Humidity" International Journal of Antennas and Propagation, 2020, 2020, 1-1.	1.2	0
187	Antennas in Body-Centric Sensor Network Devices. , 2015, , 1-20.		0
188	Quasi-Yagi Antenna on a Periodic Surface for Low-Profile Headgear RFID Tag with Endfire Radiation. , 2019, , .		0
189	Spatially Distributed Semi-Passive Backscattering Platform for Biomedical Application. , 2019, , .		0
190	Headband Antenna for Wireless Power Transfer to Millimeter-Sized Neural Implants with Minimal Misalignment Effects. , 2020, , .		0
191	Performance Evaluation of a Metasurface-enabled Wearable Quasi-Yagi Antenna with End-fire Radiation Pattern on Textile Substrate. , 2021, , .		0
192	Fine-Tuning Impedance Matching Circuit for a Triple-Band Meandered PIFA in Brain-Implantable Bio-telemetric Systems. , 2022, , .		0