

Syed Abdullah Nauroze

List of Publications by Year in descending order

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18
papers

423
citations

1684188

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18
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Solar and Electromagnetic Energy Harvesting System With a 3-D Printed Package for Energy Efficient Internet-of-Things Wireless Sensors. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1831-1842.	4.6	140
2	Continuous-range tunable multilayer frequency-selective surfaces using origami and inkjet printing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13210-13215.	7.1	73
3	Additively Manufactured RF Components and Modules: Toward Empowering the Birth of Cost-Efficient Dense and Ubiquitous IoT Implementations. Proceedings of the IEEE, 2017, 105, 702-722.	21.3	51
4	Novel 3D printed liquid-metal-alloy microfluidics-based zigzag and helical antennas for origami reconfigurable antenna "trees", 2017, , .		35
5	Novel 3D-Printed Reconfigurable Origami Frequency Selective Surfaces With Flexible Inkjet-Printed Conductor Traces. , 2019, , .		20
6	Nanotechnology-Empowered Flexible Printed Wireless Electronics: A Review of Various Applications of Printed Materials. IEEE Nanotechnology Magazine, 2019, 13, 18-29.	1.3	19
7	Inkjet-printed "4D" tunable spatial filters using on-demand foldable surfaces. , 2017, , .		16
8	A Thermally Actuated Fully Inkjet-Printed Origami-Inspired Multilayer Frequency Selective Surface With Continuous-Range Tunability Using Polyester-Based Substrates. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4944-4954.	4.6	14
9	3D printed reconfigurable helical antenna based on microfluidics and liquid metal alloy. , 2016, , .		12
10	Novel 3D-printed "Chinese fan" bow-tie antennas for origami/shape-changing configurations. , 2017, , .		11
11	3D Printed One-shot Deployable Flexible "Kirigami" Dielectric Reflectarray Antenna for mm-Wave Applications. , 2020, , .		10
12	Inkjet-printed substrate integrated waveguides (SIW) with "drill-less" vias on paper substrates. , 2016, , .		9
13	n-RiM: A Paradigm Shift in the Realization of Fully Inkjet-printed Broadband Tunable FSS using Origami Structures. , 2018, , .		4
14	Additively Manufactured Inkjet-/3D-/4D-Printed Wireless Sensors Modules. International Journal of High Speed Electronics and Systems, 2018, 27, 1840012.	0.7	3
15	Fully Inkjet-printed Multi-layer Tunable Origami FSS Structures with Integrated Thermal Actuation Mechanism. , 2019, , .		3
16	A novel printed stub-loaded square helical antenna. , 2015, , .		2
17	Fully Inkjet-printed Tunable Hybrid n-Ripple Miura (n-RiM) Frequency Selective Surfaces. , 2019, , .		1
18	An Inkjet-printed Origami-based Frequency Selective Surface with Wide Frequency and Bandwidth Tunability. , 2018, , .		0