

Tammy Chang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

261
citations

1478505

6
h-index

1372567

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17
all docs

17
docs citations

17
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane Deformation Mechanics for Highly Stretchable Electronics. <i>Advanced Materials</i> , 2017, 29, 1604989.	21.0	141
2	A General Strategy for Stretchable Microwave Antenna Systems using Serpentine Mesh Layouts. <i>Advanced Functional Materials</i> , 2017, 27, 1703059.	14.9	43
3	A Small Dual-Band Asymmetric Dipole Antenna for 13.56 MHz Power and 2.45 GHz Data Transmission. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 1120-1123.	4.0	15
4	Interference Self-Coordination: A Proposal to Enhance Reliability of System-Level Information in OFDM-Based Mobile Networks via PCI Planning. <i>IEEE Transactions on Wireless Communications</i> , 2014, 13, 1874-1887.	9.2	14
5	In-process monitoring and prediction of droplet quality in droplet-on-demand liquid metal jetting additive manufacturing using machine learning. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 2093-2117.	7.3	8
6	A Sensor-Based Seamless Handover Solution for Express Train Access Networks (ETANs). <i>IEEE Communications Letters</i> , 2012, 16, 470-472.	4.1	6
7	A self-adaptive scheduling (SAS) solution for enhancing VoIP service quality in OFDM-based mobile networks. , 2013, , .		6
8	In-situ monitoring for liquid metal jetting using a millimeter-wave impedance diagnostic. <i>Scientific Reports</i> , 2020, 10, 22325.	3.3	6
9	Stretchable Electronics: In-plane Deformation Mechanics for Highly Stretchable Electronics (Adv.) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	21.0	5
10	Millimeter-wave electromagnetic monitoring for liquid metal droplet-on-demand printing. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	4
11	An in-situ millimeter-wave diagnostic for droplet characterization during jetting-based additive manufacturing processes. , 2020, , .		4
12	Characterization of stretchable serpentine microwave devices for wearable electronics. , 2017, , .		3
13	Evaluating the Microwave Performance of Epidermal Electronics with Equivalent Transmission Line Modeling. , 2018, , .		3
14	A novel solution to improve uplink synchronization control in OFDM-based mobile networks. , 2013, , .		2
15	Inductive power transfer and Far-field radiation with small dual-band antennas. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 1053-1056.	1.4	1
16	A Broadband Multistatic Radar for Trajectory Identification of Multiple Small Caliber Targets. , 2021, , .		0
17	Physics-Based Inversion of a Millimeter-Wave Diagnostic for Liquid Metal Additive Manufacturing. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 188-192.	4.0	0