

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

10
g-index

17
all docs

17
docs citations

17
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics-Based Inversion of a Millimeter-Wave Diagnostic for Liquid Metal Additive Manufacturing. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 188-192.	4.0	0
2	In-process monitoring and prediction of droplet quality in droplet-on-demand liquid metal jetting additive manufacturing using machine learning. Journal of Intelligent Manufacturing, 2022, 33, 2093-2117.	7.3	8
3	A Broadband Multistatic Radar for Trajectory Identification of Multiple Small Caliber Targets. , 2021, , .		0
4	Millimeter-wave electromagnetic monitoring for liquid metal droplet-on-demand printing. Journal of Applied Physics, 2021, 130, .	2.5	4
5	In-situ monitoring for liquid metal jetting using a millimeter-wave impedance diagnostic. Scientific Reports, 2020, 10, 22325.	3.3	6
6	An in-situ millimeter-wave diagnostic for droplet characterization during jetting-based additive manufacturing processes. , 2020, , .		4
7	Evaluating the Microwave Performance of Epidermal Electronics with Equivalent Transmission Line Modeling. , 2018, , .		3
8	Stretchable Electronics: In-plane Deformation Mechanics for Highly Stretchable Electronics (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	21.0	5
9	In-plane Deformation Mechanics for Highly Stretchable Electronics. Advanced Materials, 2017, 29, 1604989.	21.0	141
10	A General Strategy for Stretchable Microwave Antenna Systems using Serpentine Mesh Layouts. Advanced Functional Materials, 2017, 27, 1703059.	14.9	43
11	Characterization of stretchable serpentine microwave devices for wearable electronics. , 2017, , .		3
12	Inductive power transfer and FARA-field radiation with small dual-band antennas. Microwave and Optical Technology Letters, 2015, 57, 1053-1056.	1.4	1
13	Interference Self-Coordination: A Proposal to Enhance Reliability of System-Level Information in OFDM-Based Mobile Networks via PCI Planning. IEEE Transactions on Wireless Communications, 2014, 13, 1874-1887.	9.2	14
14	A Small Dual-Band Asymmetric Dipole Antenna for 13.56 MHz Power and 2.45 GHz Data Transmission. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1120-1123.	4.0	15
15	A novel solution to improve uplink synchronization control in OFDM-based mobile networks. , 2013, , .		2
16	A self-adaptive scheduling (SAS) solution for enhancing VoIP service quality in OFDM-based mobile networks. , 2013, , .		6
17	A Sensor-Based Seamless Handover Solution for Express Train Access Networks (ETANs). IEEE Communications Letters, 2012, 16, 470-472.	4.1	6