André Bourdoux

List of Publications by Year
in descending order

		1040056	1125743
15 papers	**427** citations	**9** h-index	**13** g-index
15 all docs	**15** docs citations	**15** times ranked	**294** citing authors

#	Article	IF	Citations
1	Convergent Communication, Sensing and Localization in 6G Systems: An Overview of Technologies, Opportunities and Challenges. IEEE Access, 2021, 9, 26902-26925.	4.2	224
2	Joint Power Control and Access Point Scheduling in Fronthaul-Constrained Uplink Cell-Free Massive MIMO Systems. IEEE Transactions on Communications, 2021, 69, 2709-2722.	7.8	36
3	Multi-View CNN-LSTM Architecture for Radar-Based Human Activity Recognition. IEEE Access, 2022, 10, 24509-24519.	4.2	23
4	High-Speed LDPC Decoders Towards 1 Tb/s. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2224-2233.	5.4	22
5	A Low-Complexity Radar Detector Outperforming OS-CFAR for Indoor Drone Obstacle Avoidance. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 9162-9175.	4.9	20
6	Multipath Ghost Recognition for Indoor MIMO Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	18
7	Radar-camera Fusion for Road Target Classification. , 2020, , .		17
8	On the Generalization and Reliability of Single Radar-Based Human Activity Recognition. IEEE Access, 2021, 9, 85334-85349.	4.2	12
9	Material Characterization and Radio Channel Modeling at D-Band Frequencies. IEEE Access, 2021, 9, 153528-153539.	4.2	12
10	Improving the Accuracy of Spiking Neural Networks for Radar Gesture Recognition Through Preprocessing. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2869-2881.	11.3	10
11	A 100 Gbps LDPC Decoder for the IEEE 802.11ay Standard. , 2018, , .		8
12	On the Use of Spiking Neural Networks for Ultralow-Power Radar Gesture Recognition. IEEE Microwave and Wireless Components Letters, 2022, 32, 222-225.	3.2	8
13	A Deep Neural Architecture for Real-Time Access Point Scheduling in Uplink Cell-Free Massive MIMO. IEEE Transactions on Wireless Communications, 2022, 21, 1529-1541.	9.2	7
14	Fail-Safe Human Detection for Drones Using a Multi-Modal Curriculum Learning Approach. IEEE Robotics and Automation Letters, 2022, 7, 303-310.	5.1	6
15	Joint In-Band Full-Duplex Communication and Radar Processing. IEEE Systems Journal, 2022, 16, 3391-3399.	4.6	4