

Jianguo Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Secure Communication via Chaotic Synchronization Based on Reservoir Computing. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 285-299.	11.3	7
2	Artifacts Suppression Using Correlation-Weighted Back Projection Imaging Algorithm for Chaotic GPR. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
3	Analysis and improvement of Boolean chaos robustness to noise. Communications in Nonlinear Science and Numerical Simulation, 2022, 105, 106064.	3.3	0
4	Boosting optical nonlinearities of graphene oxide films by laser direct writing. Optical Materials, 2022, 128, 112454.	3.6	3
5	Target Localization and Tracking Using an Ultra-Wideband Chaotic Radar With Wireless Synchronization Command. IEEE Access, 2021, 9, 2890-2899.	4.2	3
6	The Unpredictability Analysis of Boolean Chaos. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1854-1858.	3.0	9
7	Optical Boolean chaos. Optics Express, 2020, 28, 29296.	3.4	4
8	Chaos-Based Through-Wall Life-Detection Radar. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1930020.	1.7	7
9	True Random Number Generators Using Electrical Noise. IEEE Access, 2019, 7, 125796-125805.	4.2	37
10	Pattern Recognition Using Relevant Vector Machine in Optical Fiber Vibration Sensing System. IEEE Access, 2019, 7, 5886-5895.	4.2	48
11	Recent Progress in the Performance Enhancement of Phase-Sensitive OTDR Vibration Sensing Systems. Sensors, 2019, 19, 1709.	3.8	47
12	High-resolution and anti-jamming chaotic guided radar prototype for perimeter intrusion detection. Journal of Electromagnetic Waves and Applications, 2019, 33, 1060-1069.	1.6	5
13	Life-detection radar based on wideband chaotic signal. Journal of Engineering, 2019, 2019, 6322-6326.	1.1	2
14	A LCX-Based Intrusion-Detection Sensor Using a Broadband Noise Signal. IEEE Access, 2019, 7, 161928-161936.	4.2	3
15	Optical fiber vibration sensing system using delay line method. Microwave and Optical Technology Letters, 2019, 61, 853-857.	1.4	1
16	A hybrid chaos-Doppler radar for through-wall life detection. Journal of Electromagnetic Waves and Applications, 2018, 32, 1654-1663.	1.6	0
17	A High-Resolution Leaky Coaxial Cable Sensor Using a Wideband Chaotic Signal. Sensors, 2018, 18, 4154.	3.8	10
18	Chaos Through-Wall Imaging Radar. Sensing and Imaging, 2017, 18, 1.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Simultaneous Life Detection and Localization Using a Wideband Chaotic Signal with an Embedded Tone. <i>Sensors</i> , 2016, 16, 1866.	3.8	10
20	Anti-jamming property of Colpitts-based direct chaotic through-wall imaging radar. <i>Journal of Electromagnetic Waves and Applications</i> , 2016, 30, 2268-2279.	1.6	4
21	Fault location for WDMâ€PON using a multipleâ€longitudinalâ€mode laser modulated by chaotic wave. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2502-2506.	1.4	5
22	COMPRESSIVE SENSING BY COLPITTS CHAOTIC OSCILLATOR FOR IMAGE SENSORS. <i>International Journal on Smart Sensing and Intelligent Systems</i> , 2015, 8, 1225-1243.	0.7	0