Jianguo Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3900054/publications.pdf

Version: 2024-02-01

22	218	1307594 7	1058476 14
papers	citations	h-index	g-index

22	22	22	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pattern Recognition Using Relevant Vector Machine in Optical Fiber Vibration Sensing System. IEEE Access, 2019, 7, 5886-5895.	4.2	48
2	Recent Progress in the Performance Enhancement of Phase-Sensitive OTDR Vibration Sensing Systems. Sensors, 2019, 19, 1709.	3.8	47
3	True Random Number Generators Using Electrical Noise. IEEE Access, 2019, 7, 125796-125805.	4.2	37
4	Simultaneous Life Detection and Localization Using a Wideband Chaotic Signal with an Embedded Tone. Sensors, 2016, 16, 1866.	3.8	10
5	A High-Resolution Leaky Coaxial Cable Sensor Using a Wideband Chaotic Signal. Sensors, 2018, 18, 4154.	3.8	10
6	The Unpredictability Analysis of Boolean Chaos. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1854-1858.	3.0	9
7	Chaos Through-Wall Imaging Radar. Sensing and Imaging, 2017, 18, 1.	1.5	7
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	Secure Communication via Chaotic Synchronization Based on Reservoir Computing. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 285-299.	11.3	7
10	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
11	Fault location for WDMâ€PON using a multipleâ€longitudinalâ€mode laser modulated by chaotic wave. Microwave and Optical Technology Letters, 2015, 57, 2502-2506.	1.4	5
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	Anti-jamming property of Colpitts-based direct chaotic through-wall imaging radar. Journal of Electromagnetic Waves and Applications, 2016, 30, 2268-2279.	1.6	4
14	Optical Boolean chaos. Optics Express, 2020, 28, 29296.	3.4	4
15	A LCX-Based Intrusion-Detection Sensor Using a Broadband Noise Signal. IEEE Access, 2019, 7, 161928-161936.	4.2	3
16	Target Localization and Tracking Using an Ultra-Wideband Chaotic Radar With Wireless Synchronization Command. IEEE Access, 2021, 9, 2890-2899.	4.2	3
17	Boosting optical nonlinearities of graphene oxide films by laser direct writing. Optical Materials, 2022, 128, 112454.	3.6	3
18	Lifeâ€detection radar based on wideband chaotic signal. Journal of Engineering, 2019, 2019, 6322-6326.	1.1	2

#	Article	IF	Citations
19	Optical fiber vibration sensing system using delay line method. Microwave and Optical Technology Letters, 2019, 61, 853-857.	1.4	1
20	A hybrid chaos-Doppler radar for through-wall life detection. Journal of Electromagnetic Waves and Applications, 2018, 32, 1654-1663.	1.6	0
21	COMPRESSIVE SENSING BY COLPITTS CHAOTIC OSCILLATOR FOR IMAGE SENSORS. International Journal on Smart Sensing and Intelligent Systems, 2015, 8, 1225-1243.	0.7	0
22	Analysis and improvement of Boolean chaos robustness to noise. Communications in Nonlinear Science and Numerical Simulation, 2022, 105, 106064.	3.3	0