

# Hongyan Xing

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

511  
citations

933264

10  
h-index

677027

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructing chaotic systems with conditional symmetry. <i>Nonlinear Dynamics</i> , 2017, 87, 1351-1358.	2.7	113
2	Hypogenetic chaotic jerk flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 1172-1177.	0.9	85
3	Doubling the coexisting attractors. <i>Chaos</i> , 2019, 29, 051102.	1.0	59
4	Crisis in Amplitude Control Hides in Multistability. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650233.	0.7	30
5	An Analysis of Current and Electric Field Pulses Associated With Upward Negative Lightning Flashes Initiated from the S <sub>Antis</sub> Tower. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4045-4059.	1.2	23
6	A low frequency 3D lightning mapping network in north China. <i>Atmospheric Research</i> , 2021, 249, 105314.	1.8	19
7	Inversion of a Thunderstorm Cloud Charging Model Based on a 3D Atmospheric Electric Field. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2642.	1.3	14
8	An Experimental Study of the Failure Mode of ZnO Varistors Under Multiple Lightning Strokes. <i>Electronics (Switzerland)</i> , 2019, 8, 172.	1.8	14
9	Sound Source Omnidirectional Positioning Calibration Method Based on Microphone Observation Angle. <i>Complexity</i> , 2018, 2018, 1-15.	0.9	13
10	Modeling and Analysis of Adaptive Temperature Compensation for Humidity Sensors. <i>Electronics (Switzerland)</i> , 2019, 8, 425.	1.8	12
11	A Systematic Review on Hybrid Intrusion Detection System. <i>Security and Communication Networks</i> , 2022, 2022, 1-23.	1.0	10
12	Sound Source Localization Fusion Algorithm and Performance Analysis of a Three-Plane Five-Element Microphone Array. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2417.	1.3	9
13	Characteristics of Impulsive Currents Superimposing on Continuous/Continuing Current of Rocket-Triggered Lightning. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020, 62, 1200-1208.	1.4	9
14	An Experimental Study on the Effect of Multiple Lightning Waveform Parameters on the Aging Characteristics of ZnO Varistors. <i>Electronics (Switzerland)</i> , 2020, 9, 930.	1.8	9
15	A data complementary method for thunderstorm point charge localization based on atmospheric electric field apparatus array group. <i>Digital Communications and Networks</i> , 2021, 7, 170-177.	2.7	9
16	A Thunderstorm Cloud Point Charge Localization Method Based on CEEMDAN and SG Filtering. <i>IEEE Access</i> , 2021, 9, 17049-17059.	2.6	9
17	Modeling of different charge transfer modes in upward flashes constrained by simultaneously measured currents and fields. , 2018, , .		8
18	Building Extraction from High-Resolution Remote Sensing Images by Adaptive Morphological Attribute Profile under Object Boundary Constraint. <i>Sensors</i> , 2019, 19, 3737.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Thunderstorm Cloud Localization Algorithm and Performance Analysis of a Three-Dimensional Atmospheric Electric Field Apparatus. <i>Journal of Electrical Engineering and Technology</i> , 2019, 14, 2487-2495.	1.2	8
20	Detection of Low-Flying Target under the Sea Clutter Background Based on Volterra Filter. <i>Complexity</i> , 2018, 2018, 1-12.	0.9	6
21	Micro-Degradation Characteristics and Mechanism of ZnO Varistors under Multi-Pulse Lightning Strike. <i>Energies</i> , 2020, 13, 2620.	1.6	6
22	Small Floating Target Detection Method Based on Chaotic Long Short-Term Memory Network. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 651.	1.2	6
23	Electromagnetic Fields Associated With the $\pi$ -Component Mode of Charge Transfer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6791-6809.	1.2	5
24	A Moving Path Tracking Method of the Thunderstorm Cloud Based on the Three-Dimensional Atmospheric Electric Field Apparatus. <i>Journal of Sensors</i> , 2021, 2021, 1-13.	0.6	5
25	High-Resolution Remote-Sensing Image-Change Detection Based on Morphological Attribute Profiles and Decision Fusion. <i>Complexity</i> , 2020, 2020, 1-17.	0.9	4
26	A data complementary method for sound source localization based on four-element microphone array groups. <i>Measurement Science and Technology</i> , 2021, 32, 095015.	1.4	4
27	Effect of measure units on estimating crop LEAF chlorophyll content with remote sensing. <i>Journal of Engineering</i> , 2019, 2019, 8627-8631.	0.6	3
28	Smart Localization of Thunderstorm Charge for Human 4IR Applications. <i>Mobile Information Systems</i> , 2021, 2021, 1-15.	0.4	3
29	On validation of FCCFs for lightning striking tall objects considering propagation effect of finitely conducting earth. , 2014, , .		2
30	A fusion algorithm of passive sound source localization based on the two-plane four-element cross array. <i>Review of Scientific Instruments</i> , 2020, 91, 034901.	0.6	2
31	Blind Separation of Weak Signals under the Chaotic Background. , 2009, , .		1
32	Thunderstorm Prediction Method Based on CNN-BiLSTM Using BEADS. , 2021, , .		1
33	Clutter Removal of Doppler Ultrasound Signal Using Double Density Discrete Wavelet Transform. , 2009, , .		0
34	Superposition of Double Amplitude Diffraction Gratings. , 2010, , .		0
35	Propagation Effects on Distant Electromagnetic Fields Radiated by Narrow Bipolar Events. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2021, 63, 516-524.	1.4	0
36	Study on the Influence of Thermal Effect of Multi-Pulse Lightning Current on the Aging Characteristics of ZnO Varistor. , 2021, , .		0