

Xuhao Du

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	An Engineering Model of Magnetic Flux Density and Electromagnetic Force Density at the Structural Discontinuity within Transformer Cores. <i>Sensors</i> , 2022, 22, 4869.	2.1	1
2	Novel dynamic model for calculating the equivalent Young's modulus and loss factor of layered beams. <i>Journal of Sound and Vibration</i> , 2020, 488, 115634.	2.1	0
3	Waveform Design for Improved Detection of Extended Targets in Sea Clutter. <i>Sensors</i> , 2019, 19, 3957.	2.1	5
4	Distributed Magnetic Flux Density on the Cross-Section of a Transformer Core. <i>Electronics (Switzerland)</i> , 2019, 8, 297.	1.8	6
5	Noninvasive Diagnosis of Irritable Bowel Syndrome via Bowel Sound Features: Proof of Concept. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00017.	1.3	19
6	Measure and optimize sample confidence of acoustic signal for fault identification in ships. <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL198-EL204.	0.5	1
7	A Size-Controlled AFGAN Model for Ship Acoustic Fault Expansion. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2292.	1.3	1
8	Advances in Acoustic Signal Processing Techniques for Enhanced Bowel Sound Analysis. <i>IEEE Reviews in Biomedical Engineering</i> , 2019, 12, 240-253.	13.1	36
9	Prediction of open stope hangingwall stability using random forests. <i>Natural Hazards</i> , 2018, 92, 1179-1197.	1.6	62
10	Comparative Study of Hybrid Artificial Intelligence Approaches for Predicting Hangingwall Stability. <i>Journal of Computing in Civil Engineering</i> , 2018, 32, .	2.5	53
11	Modeling the Hysteresis Characteristics of Transformer Core under Various Excitation Level via On-Line Measurements. <i>Electronics (Switzerland)</i> , 2018, 7, 390.	1.8	7
12	Bowel Sounds Identification and Migrating Motor Complex Detection with Low-Cost Piezoelectric Acoustic Sensing Device. <i>Sensors</i> , 2018, 18, 4240.	2.1	22
13	A mathematical model of bowel sound generation. <i>Journal of the Acoustical Society of America</i> , 2018, 144, EL485-EL491.	0.5	12
14	Tu2017 - Non-Invasive Diagnosis of Irritable Bowel Syndrome via Novel Bowel Sound Features: Proof of Principle. <i>Gastroenterology</i> , 2018, 154, S-1370-S-1371.	0.6	3
15	A study on the optimal English speech level for Chinese listeners in classrooms. <i>Applied Acoustics</i> , 2016, 104, 50-56.	1.7	2