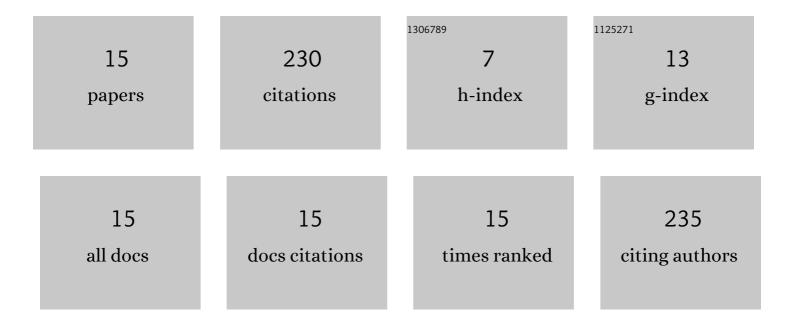
Xuhao Du

List of Publications by Year in descending order

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Χυμλο Ου

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