

# Yongxing Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5025658/publications.pdf>

Version: 2024-02-01

9  
papers

134  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical studies on the cavitation in an advanced rotational hydrodynamic cavitation reactor for water treatment. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105311.	8.2	50
2	A novel demodulation method for rotating machinery based on time-frequency analysis and principal component analysis. <i>Journal of Sound and Vibration</i> , 2019, 442, 645-656.	3.9	29
3	Cavitation characteristics analysis of a novel rotor-radial groove hydrodynamic cavitation reactor. <i>Ultrasonics Sonochemistry</i> , 2022, 86, 106028.	8.2	14
4	Hydrodynamic cavitation as an efficient water treatment method for various sewage:- A review. <i>Water Science and Technology</i> , 2022, 86, 302-320.	2.5	12
5	Improvement of Fast Kurtogram Combined with PCA for Multiple Weak Fault Features Extraction. <i>Processes</i> , 2020, 8, 1059.	2.8	8
6	The MFBD: a novel weak features extraction method for rotating machinery. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	7
7	Experimental study on asymmetric bubbles rising in water: Morphology and acoustic signature. <i>Physics of Fluids</i> , 2022, 34, .	4.0	7
8	Flow-induced noise mechanism and optimization design of electronic expansion valve. <i>Vacuum</i> , 2022, 204, 111335.	3.5	4
9	Flow structure and acoustics of underwater imperfectly expanded supersonic gas jets. <i>Shock Waves</i> , 2022, 32, 283-294.	1.9	3