

# Yugang Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3057524/publications.pdf>

Version: 2024-02-01

9  
papers

108  
citations

1684188

5  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration and damping analysis of the bladed disk with damping hard coating on blades. Aerospace Science and Technology, 2016, 58, 248-257.	4.8	68
2	Experimental investigation on fatigue of blade specimen subjected to resonance and effect of a damping hard coating treatment. Journal of Central South University, 2021, 28, 445-453.	3.0	11
3	Dislocation Damping and Defect Friction Damping in Magnesium: Molecular Dynamics Study. Metals and Materials International, 2021, 27, 1458-1468.	3.4	9
4	Measurement of an Analyte Concentration in Test Solution by Using Helmholtz Resonator for Biosensor Applications. Sensors, 2019, 19, 1127.	3.8	8
5	A Helmholtz Resonator with Spiral Neck for Analyte Concentration Measurement in Low Frequency Range. Applied Sciences (Switzerland), 2020, 10, 3676.	2.5	6
6	A Helmholtz resonator on elastic foundation for measurement of the elastic coefficient of human skin. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103417.	3.1	5
7	Identification of the Anisotropic Elastic Parameters of NiCrAlY Coating by Combining Nanoindentation and Finite Element Method. Shock and Vibration, 2019, 2019, 1-13.	0.6	1
8	A method for identification of analyte concentration in aqueous solution by using a mistuned fluid-structure coupled vibration. Journal of Mechanical Science and Technology, 2021, 35, 481-486.	1.5	0
9	Research on Extraction Method of Sensitive Feature of Thin-wall Plate Crack Fault. , 2021, , .		0