

# Yugang Chen

## List of Publications by Year in descending order

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

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