

# Yun Long

## List of Publications by Year in descending order

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1937457

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docs citations

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times ranked

16  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Internal Cracks in Turbine Blade Thermal Barrier Coating Using Enhanced Multi-Scale Faster R-CNN Model. Applied Sciences (Switzerland), 2022, 12, 6446.	1.3	3
2	Effect of partial blockage on flow and heat transfer of film cooling with cylindrical and fan-shaped holes. International Journal of Thermal Sciences, 2021, 164, 106866.	2.6	13
3	Online nondestructive evaluation of TBC crack using infrared thermography. Measurement Science and Technology, 2021, 32, 115008.	1.4	4
4	3D numerical reconstruction and microstructure regulation of thermal barrier coatings for high temperature components of gas turbine. Ceramics International, 2021, 47, 20126-20140.	2.3	3
5	Effect of particle deposition on film cooling from fan-shaped holes. International Journal of Heat and Mass Transfer, 2021, 181, 122028.	2.5	10
6	Large eddy simulation of film cooling from cylindrical holes partially blocked by CaO-MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> . International Communications in Heat and Mass Transfer, 2021, 129, 105754.	2.9	9
7	On-line detection of porosity change of high temperature blade coating for gas turbine. Infrared Physics and Technology, 2020, 110, 103415.	1.3	8
8	A Conjugate Heat Transfer and Thermal Stress Analysis of Film-Cooled Superalloy With Thermal Barrier Coating. , 2020, , .		4
9	Research on the Heat Insulation Performance of Advanced Thermal Barrier Coatings Based on Dense Vertical Cracked Structure. , 2019, , .		4
10	A Detection Method for Porosity of Gas Turbine Blade Coating Based on Gray Gradient Space Histogram Entropy. , 2018, , .		1