

# Bing Yang

## List of Publications by Year in descending order

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13  
papers

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1684188  
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docs citations

13  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue properties and fatigue strength evaluation of railway axle steel: Effect of micro-shot peening and artificial defect. International Journal of Fatigue, 2020, 132, 105379.	5.7	39
2	Short fatigue crack behaviour of LZ50 railway axle steel under multi-axial loading in low-cycle fatigue. International Journal of Fatigue, 2020, 132, 105366.	5.7	18
3	Effect of micro-shot peening on fatigue properties of precipitate strengthened Cu-Ni-Si alloy in air and in salt atmosphere. Surface and Coatings Technology, 2019, 359, 16-23.	4.8	16
4	Damage Tolerance Assessment of a Brake Unit Bracket for High-Speed Railway Welded Bogie Frames. Chinese Journal of Mechanical Engineering (English Edition), 2019, 32, .	3.7	15
5	Failure mode and dynamic response of a double-sided slope with high water content of soil. Journal of Mountain Science, 2018, 15, 859-870.	2.0	13
6	Experimental Study and Life Prediction of Bolt Loosening Life under Variable Amplitude Vibration. Shock and Vibration, 2019, 2019, 1-8.	0.6	7
7	A comparative study of fatigue estimation methods for single spot and multispot welds. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 1142-1158.	3.4	6
8	Optimization research on S-N curve of ring welding structure based on structural stress method. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 2207-2219.	3.4	5
9	Effects of Stress Amplitude Ratio and Phase Angle on Short Fatigue Crack Behavior and Fracture Mode of EA4T Steel. Journal of Materials Engineering and Performance, 2021, 30, 2853-2863.	2.5	4
10	Dynamic Response and Failure Characteristics of Slope with Weak Interlayer under Action of Near-Fault Ground Motion. Shock and Vibration, 2021, 2021, 1-18.	0.6	4
11	Effect of stacking configuration on dynamic tensile properties of braided carbon fibre composites under medium-low strain rates. Composites Science and Technology, 2021, 213, 108924.	7.8	4
12	Optimisation Method for Determination of Crack Tip Position Based on Gauss-Newton Iterative Technique. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, .	3.7	3
13	Failure Characteristics and Mechanism of Multiface Slopes under Earthquake Load Based on PFC Method. Shock and Vibration, 2021, 2021, 1-11.	0.6	3