

# Yi-Bo Shang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/826905/publications.pdf>

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6  
papers

99  
citations

1937685

4  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ SEM study of short fatigue crack propagation behavior in a dissimilar metal welded joint of nuclear power plant. <i>Materials and Design</i> , 2015, 88, 598-609.	7.0	36
2	High temperature in-situ SEM observation and crystal plasticity simulation on fretting fatigue of Ni-based single crystal superalloys. <i>International Journal of Plasticity</i> , 2020, 127, 102645.	8.8	27
3	In-situ SEM observation and crystal plasticity finite element simulation of fretting fatigue crack formation in Ni-base single-crystal superalloys. <i>Tribology International</i> , 2016, 101, 33-42.	5.9	26
4	A crack tip driving force model for mode I crack propagation along linear strength gradient: comparison with the sharp strength gradient case. <i>Acta Mechanica</i> , 2016, 227, 2683-2702.	2.1	5
5	Plastic mismatch effect on plasticity induced crack closure: Fatigue crack propagation perpendicularly across a plastically mismatched interface. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 597-611.	3.4	3
6	Failure analysis of runway centerline light and effect of microstructure on mechanical properties. <i>Engineering Failure Analysis</i> , 2019, 105, 1069-1078.	4.0	2