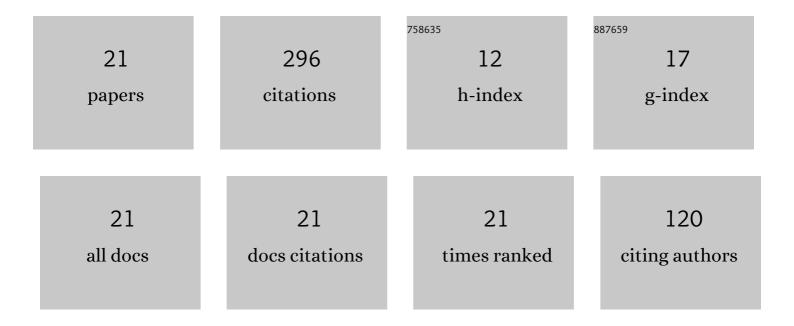
Liuyang Feng

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	An adaptive learning approach to determine and update crack sizes from strain relaxation data for welded plate joints. Engineering Fracture Mechanics, 2022, 259, 108165.	2.0	14
2	Traction stress-based fatigue failure mode identification of load-carrying welded cruciform joints. International Journal of Fatigue, 2022, 161, 106897.	2.8	13
3	Low-cycle fatigue behavior for stainless-clad 304Â+ÂQ235B bimetallic steel. International Journal of Fatigue, 2022, 159, 106831.	2.8	11
4	Enhanced prediction intervals of tunnel-induced settlement using the genetic algorithm and neural network. Reliability Engineering and System Safety, 2022, 223, 108439.	5.1	17
5	A uniform volume-based fatigue indicator for high- and low-cycle assessment of notched components. International Journal of Fatigue, 2021, 144, 106048.	2.8	15
6	Probabilistic fatigue life of welded plate joints under uncertainty in Arctic areas. Journal of Constructional Steel Research, 2021, 176, 106412.	1.7	8
7	Hanger pre-tensioning force optimization of steel tied-arch bridges considering operational loads. Structural and Multidisciplinary Optimization, 2021, 63, 867-880.	1.7	2
8	Assessment of tunnel face stability subjected to an adjacent tunnel. Reliability Engineering and System Safety, 2021, 205, 107228.	5.1	28
9	Reliability-based multi-objective optimization in tunneling alignment under uncertainty. Structural and Multidisciplinary Optimization, 2021, 63, 3007-3025.	1.7	13
10	Fatigue crack initiation and energy-based life analysis for Q345qD bridge steel at low temperatures. Journal of Constructional Steel Research, 2021, 180, 106571.	1.7	11
11	Time-series interval prediction under uncertainty using modified double multiplicative neuron network. Expert Systems With Applications, 2021, 184, 115478.	4.4	6
12	Investigation on fatigue crack resistance of Q370qE bridge steel at a low ambient temperature. Construction and Building Materials, 2020, 236, 117566.	3.2	13
13	Enhanced sizing for surface cracks in welded tubular joints using ultrasonic phased array and image processing. NDT and E International, 2020, 116, 102334.	1.7	26
14	Enhanced crack sizing and life estimation for welded tubular joints under low cycle actions. International Journal of Fatigue, 2020, 137, 105670.	2.8	16
15	Representation of nonlinear behavior of fully grouted K joints in pushover analysis. Journal of Constructional Steel Research, 2020, 169, 106024.	1.7	5
16	Effect of low temperatures on constant amplitude fatigue properties of Q345qD steel butt-welded joints. Engineering Failure Analysis, 2019, 105, 597-609.	1.8	15
17	Low cycle fatigue test and enhanced lifetime estimation of high-strength steel S550 under different strain ratios. Marine Structures, 2018, 61, 343-360.	1.6	42
18	Size effect and life estimation for welded plate joints under low cycle actions at room and low ambient temperatures. Thin-Walled Structures, 2018, 132, 195-207.	2.7	21

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#	Article	IF	CITATIONS
19	A modified Neuber's rule for welded cruciform joints under low-cycle actions. Journal of Strain Analysis for Engineering Design, 2017, 52, 488-505.	1.0	4
20	A hot-spot energy indicator for welded plate connections under cyclic axial loading and bending. Engineering Structures, 2017, 147, 598-612.	2.6	16
21	Nonlinear Dynamic Responses of Longitudinally Corrugated Shell Under Axially Nonuniform Internal Pressure. AIAA Journal, 2016, 54, 2869-2880.	1.5	Ο