

Yixun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

211
citations

1040056

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996975

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g-index

18
all docs

18
docs citations

18
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of multiaxial fatigue on typical details of orthotropic steel bridge deck. Thin-Walled Structures, 2019, 135, 137-146.	5.3	45
2	Fatigue evaluation of cable-stayed bridge steel deck based on predicted traffic flow growth. KSCE Journal of Civil Engineering, 2017, 21, 1400-1409.	1.9	21
3	Parametric Formula for Stress Concentration Factor of Fillet Weld Joints with Spline Bead Profile. Materials, 2020, 13, 4639.	2.9	21
4	Optimization of stop-hole parameters for cracks at diaphragm-to-rib weld in steel bridges. Journal of Constructional Steel Research, 2019, 162, 105747.	3.9	20
5	Cracking reasons and features of fatigue details in the diaphragm of curved steel box girder. Engineering Structures, 2019, 201, 109767.	5.3	17
6	Cable Force Calculation Using Vibration Frequency Methods Based on Cable Geometric Parameters. Journal of Performance of Constructed Facilities, 2017, 31, .	2.0	16
7	Microstructure and mechanical properties of weathering mild steel joined by friction stir welding. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 823, 141715.	5.6	16
8	Microstructure, mechanical properties and fatigue behaviors of linear friction welded weathering steels. International Journal of Fatigue, 2022, 159, 106829.	5.7	14
9	Assessment approach for multiaxial fatigue damage of deck and U-rib weld in steel bridge decks. Construction and Building Materials, 2018, 189, 276-285.	7.2	10
10	Fatigue performance of friction stir welded weathering mild steels joined below A1 temperature. International Journal of Fatigue, 2022, 156, 106667.	5.7	8
11	Bending Performance of Lightweight Aggregate Concrete-filled Steel Tube Composite Beam. KSCE Journal of Civil Engineering, 2018, 22, 3894-3902.	1.9	7
12	Generalized SCF Formula of Out-Of-Plane Gusset Welded Joints and Assessment of Fatigue Life Extension by Additional Weld. Materials, 2021, 14, 1249.	2.9	5
13	Effects of phosphorus content on fatigue performance of friction stir welded mild steels. Construction and Building Materials, 2022, 324, 126682.	7.2	5
14	Fatigue Life Assessment of Welded Joints by Combined Measurements Using DIC and XRD. Materials, 2021, 14, 5802.	2.9	2
15	Fatigue strength and fracture characteristics of linear friction welded joints of weathering mild steel. Fatigue and Fracture of Engineering Materials and Structures, 2022, 45, 2769-2783.	3.4	2
16	Microstructure and mechanical properties of friction stir welded high phosphorus weathering steel. Science and Technology of Welding and Joining, 2022, 27, 388-397.	3.1	0