

Yu-Fei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

423
citations

1039880

9
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated inspection and monitoring of member deformation in grid structures. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 1277-1297.	6.3	9
2	Deep convolutional neural networks for semantic segmentation of cracks. Structural Control and Health Monitoring, 2022, 29, e2850.	1.9	27
3	An efficient model for simulation of temperature field of steel-concrete composite beam bridges. Structures, 2022, 43, 1868-1880.	1.7	11
4	Automated crack assessment and quantitative growth monitoring. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 656-674.	6.3	42
5	A review of research progress on shear lag effect of bridges. , 2021, , .		0
6	Experiment study and refined modeling of temperature field of steel-concrete composite beam bridges. Engineering Structures, 2021, 240, 112350.	2.6	23
7	Safety assessment of existing pin-jointed grid structures with crooked members using static model updating. Engineering Structures, 2021, 247, 113107.	2.6	9
8	Image-based crack assessment of bridge piers using unmanned aerial vehicles and three-dimensional scene reconstruction. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 511-529.	6.3	119
9	Non-uniform temperature field and effect on construction of large-span steel structures. Automation in Construction, 2020, 119, 103339.	4.8	18
10	Refined safety assessment of steel grid structures with crooked tubular members. Automation in Construction, 2019, 99, 249-264.	4.8	11
11	Concrete Crack Assessment Using Digital Image Processing and 3D Scene Reconstruction. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	96
12	Automated assessment of cracks on concrete surfaces using adaptive digital image processing. Smart Structures and Systems, 2014, 14, 719-741.	1.9	58