

# Yu-Fei Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5109314/publications.pdf>

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