

Ya Jun Chen

List of Publications by Year in descending order

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papers

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docs citations

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129
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pre-deformation on the pre-corrosion multiaxial fatigue behaviors of 2024-T4 aluminum alloy. <i>International Journal of Fatigue</i> , 2018, 108, 35-46.	5.7	30
2	Analysis for post-impact tensile-tensile fatigue damage of 2024-T3 sheets based on tests, digital image correlation (DIC) technique and finite element simulation. <i>International Journal of Fatigue</i> , 2019, 122, 125-140.	5.7	29
3	Effect of alternate corrosion factors on multiaxial low-cycle fatigue life of 2024-T4 aluminum alloy. <i>Journal of Alloys and Compounds</i> , 2019, 772, 1-14.	5.5	24
4	Analysis of aluminum sheets with multiple sites damage based on fatigue tests and DIC technique. <i>International Journal of Fatigue</i> , 2018, 109, 37-48.	5.7	22
5	Multiaxial fatigue behaviors of 2024-T4 aluminum alloy under different corrosion conditions. <i>International Journal of Fatigue</i> , 2017, 98, 269-278.	5.7	20
6	Multiaxial fatigue behavior and life prediction of 7075-T651 aluminum alloy under two-step loading. <i>Engineering Fracture Mechanics</i> , 2020, 230, 107007.	4.3	13
7	Effect of staggered holes with multi-site damage on fatigue performance based on tests, DIC technique and numerical calculations. <i>Thin-Walled Structures</i> , 2020, 148, 106607.	5.3	12
8	Influence of foreign object impact mode on fatigue performance of 2198-T8 Al-Li alloy thin sheets for fuselage. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 115-128.	3.4	12
9	Fatigue Failure Analysis and Life Prediction of Aeroengine Compressor Components. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6418-6427.	2.5	11
10	The Application of DIC Technique to Evaluate Residual Tensile Strength of Aluminum Alloy Plates with Multi-Site Damage of Collinear and Non-Collinear Cracks. <i>Metals</i> , 2019, 9, 118.	2.3	10
11	Effects of hole reaming on fatigue performance of thin sheets for fuselage: DIC and FEM analysis. <i>International Journal of Fatigue</i> , 2020, 141, 105893.	5.7	8
12	Characterizing the damage behavior of thin sheets for fuselage based on in situ corrosion fatigue test and digital image correlation technique. <i>International Journal of Damage Mechanics</i> , 2021, 30, 399-414.	4.2	7
13	Assessment of degraded stiffness matrices for composite laminates under low-velocity impact based on modified characteristic length model. <i>Composite Structures</i> , 2021, 272, 114145.	5.8	6
14	Dent-repaired fatigue performance and life prediction of thin sheet specimens under coupled multi-stage damage with impact and pre-fatigue. <i>International Journal of Fatigue</i> , 2021, 146, 106148.	5.7	5
15	Damage behavior of 2198-T8 Al-Li alloy with different corrosion fatigue modes. <i>International Journal of Fatigue</i> , 2022, 156, 106671.	5.7	5
16	Short beam shear damage analysis of GLARE laminates based on digital image correlation and finite element analysis. <i>International Journal of Damage Mechanics</i> , 2022, 31, 623-642.	4.2	4
17	High temperature performance of silver coating deposited by magnetron sputtering. <i>Materials at High Temperatures</i> , 2022, 39, 149-160.	1.0	4
18	Effect of hold time on resistance spot weldability of aluminium to steel. <i>Science and Technology of Welding and Joining</i> , 2022, 27, 522-532.	3.1	4

#	ARTICLE	IF	CITATIONS
19	The Effect of Vacuum Heat Treatment on the Oxidation Behavior of APS Thermal Barrier Coating. <i>Advanced Materials Research</i> , 2011, 239-242, 3127-3130.	0.3	2
20	Effect of coupling damage on fatigue behavior of 2198 aluminum-lithium alloy thin sheet for fuselage. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 754-769.	3.4	2
21	Effects of rivet hole arrangement on fatigue performance of thin sheets for fuselage: DIC and numerical calculation. <i>Thin-Walled Structures</i> , 2022, 170, 108550.	5.3	1