

Nam Phan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

963
citations

687363
13
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794594
19
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22
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22
times ranked

619
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multiscale Data Driven Methodology for Accelerating Qualification and Certification of Additively Manufactured Parts. , 2022, , 223-244. | | 0 |
| 2 | Notched fatigue of additive manufactured metals under axial and multiaxial loadings, part II: Data correlations and life estimations. International Journal of Fatigue, 2022, 156, 106648. | 5.7 | 13 |
| 3 | Hot Isostatic Pressing for Fatigue Critical Additively Manufactured Ti-6Al-4V. Materials, 2022, 15, 2051. | 2.9 | 13 |
| 4 | Notched fatigue of additive manufactured metals under axial and multiaxial loadings, Part I: Effects of surface roughness and HIP and comparisons with their wrought alloys. International Journal of Fatigue, 2021, 143, 106003. | 5.7 | 23 |
| 5 | Modelling the Variability and the Anisotropic Behaviour of Crack Growth in SLM Ti-6Al-4V. Materials, 2021, 14, 1400. | 2.9 | 20 |
| 6 | Effects of overload mode-mixity on fatigue damage behavior and governing micromechanisms in AA7075 under biaxial fatigue loading. International Journal of Fatigue, 2021, 145, 106141. | 5.7 | 3 |
| 7 | Characterization of crack propagation behavior in Al-7075 under in-plane biaxial fatigue loading with shear overloads. International Journal of Fatigue, 2020, 134, 105529. | 5.7 | 11 |
| 8 | Experimental Studies into the Analysis Required for the Durability Assessment of 7075 and 6061 Cold Spray Repairs to Military Aircraft. Aerospace, 2020, 7, 119. | 2.2 | 4 |
| 9 | Further Studies into Crack Growth in Additively Manufactured Materials. Materials, 2020, 13, 2223. | 2.9 | 28 |
| 10 | Small fatigue crack growth behavior of Ti-6Al-4V produced via selective laser melting: In situ characterization of a 3D crack tip interactions with defects. International Journal of Fatigue, 2020, 137, 105638. | 5.7 | 25 |
| 11 | Multiaxial fatigue of LB-PBF additive manufactured 17â€“4 PH stainless steel including the effects of surface roughness and HIP treatment and comparisons with the wrought alloy. International Journal of Fatigue, 2020, 137, 105646. | 5.7 | 47 |
| 12 | A note on computing the growth of small cracks in AM Ti-6Al-4V. Procedia Structural Integrity, 2020, 28, 364-369. | 0.8 | 15 |
| 13 | Performance Signature Qualification for Additively Manufactured Parts under Conditions Emulating In-Service Loading. , 2020, , 550-572. | | 1 |
| 14 | Fatigue behaviour of additive manufactured materials: An overview of some recent experimental studies on <sc>Tiâ€“6Alâ€“4V</sc> considering various processing and loading direction effects. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 991-1009. | 3.4 | 130 |
| 15 | Multiaxial Fatigue of Additive Manufactured Metals. MATEC Web of Conferences, 2019, 300, 01003. | 0.2 | 11 |
| 16 | Powder Recycling Effects on the Tensile and Fatigue Behavior of Additively Manufactured Ti-6Al-4V Parts. Jom, 2019, 71, 963-973. | 1.9 | 89 |
| 17 | Effect of Shear Overloads on Crack Propagation in Al-7075 Under In-Plane Biaxial Fatigue Loading. , 2019, , . | | 3 |
| 18 | Fatigue crack propagation under biaxial fatigue loading with single overloads. International Journal of Fatigue, 2018, 109, 103-113. | 5.7 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Crack Growth in a Range of Additively Manufactured Aerospace Structural Materials. Aerospace, 2018, 5, 118. | 2.2 | 43 |
| 20 | Significance of hot isostatic pressing (HIP) on multiaxial deformation and fatigue behaviors of additive manufactured Ti-6Al-4V including build orientation and surface roughness effects. International Journal of Fatigue, 2018, 117, 352-370. | 5.7 | 136 |
| 21 | Torsional fatigue behavior of wrought and additive manufactured Ti-6Al-4V by powder bed fusion including surface finish effect. International Journal of Fatigue, 2017, 99, 187-201. | 5.7 | 117 |
| 22 | Multiaxial fatigue behavior of wrought and additive manufactured Ti-6Al-4V including surface finish effect. International Journal of Fatigue, 2017, 100, 347-366. | 5.7 | 193 |