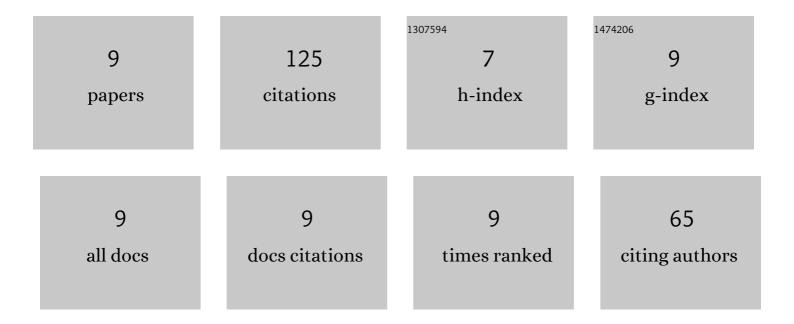
## Arash P Jirandehi

List of Publications by Year in descending order

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Version: 2024-02-01



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| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A fatigue crack initiation and growth life estimation method in single-bolted connections. Journal of<br>Strain Analysis for Engineering Design, 2019, 54, 79-94.                                   | 1.8 | 26        |
| 2 | Temperature-induced buckling of ductile metals during cyclic loading and the subsequent early fracture. International Journal of Mechanical Sciences, 2020, 176, 105525.                            | 6.7 | 19        |
| 3 | Microstructure-sensitive estimation of fatigue life using cyclic thermodynamic entropy as an index for metals. Theoretical and Applied Fracture Mechanics, 2021, 112, 102854.                       | 4.7 | 18        |
| 4 | Smallâ€sized specimen design with the provision for highâ€frequency bendingâ€fatigue testing. Fatigue and<br>Fracture of Engineering Materials and Structures, 2021, 44, 3517-3537.                 | 3.4 | 17        |
| 5 | General quantification of fatigue damage with provision for microstructure: A review. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1973-1999.                            | 3.4 | 15        |
| 6 | On the determination of cyclic plastic strain energy with the provision for microplasticity.<br>International Journal of Fatigue, 2021, 142, 105966.  | 5.7 | 14        |
| 7 | Fatigue assessment of additively-manufactured C-18150 copper alloy at room and elevated temperatures via a microstructure-sensitive algorithm. International Journal of Fatigue, 2022, 159, 106777. | 5.7 | 8         |
| 8 | Strain energy-based fatigue failure analyses of LB-PBF Inconel 718: Effect of build orientation. Additive<br>Manufacturing, 2022, 52, 102661.   | 3.0 | 4         |
| 9 | Fatigue analysis of high-carbon steel at different environmental temperatures considering the blue brittleness effect. International Journal of Mechanical Sciences, 2022, 230, 107546.             | 6.7 | 4         |