

Debashis Khan

List of Publications by Year in descending order

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11
papers

39
citations

2258059

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1872680

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10
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Role of Initial Crack Tip Shape, Plastic Compressibility and Strain Softening on Near-Tip Stress-Strain State in Fatigue Cracks during Simulation of a Finite Deformation based Elastic-Viscoplastic Constitutive Model. <i>Medziagotyra</i> , 2022, 28, 120-125. | 0.2 | 1 |
| 2 | Numerical simulation of void growth in front of a blunting crack-tip in plastically compressible solids. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1. | 1.6 | 1 |
| 3 | A numerical study of the effects of overload on fatigue crack growth in plastically compressible hardening and hardening-softening-hardening solids. <i>Mechanics Based Design of Structures and Machines</i> , 2020, , 1-17. | 4.7 | 2 |
| 4 | Effect of crack tip shape on near-tip deformation and fields in plastically compressible solids. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1. | 1.6 | 2 |
| 5 | On fatigue crack growth in plastically compressible hardening and hardening-softening-hardening solids using crack-tip blunting. <i>International Journal of Fracture</i> , 2018, 213, 139-155. | 2.2 | 8 |
| 6 | Quasi-statically growing crack tip fields in plastically compressible hardening-softening-hardening solid. <i>International Journal of Structural Integrity</i> , 2018, 9, 532-547. | 3.3 | 3 |
| 7 | Assessment of Structural Integrity under Dynamic Loading using Path-Independent Integral. <i>Mechanics Based Design of Structures and Machines</i> , 2013, 41, 434-451. | 4.7 | 1 |
| 8 | On the Evaluation of Path Independent Integral for Circular ARC Crack. <i>Mechanics Based Design of Structures and Machines</i> , 2010, 38, 300-327. | 4.7 | 2 |
| 9 | A new conservation integral for circular arc crack under multiple loads. <i>Engineering Fracture Mechanics</i> , 2007, 74, 2375-2394. | 4.3 | 12 |
| 10 | Circular arc crack under dynamic load: a generalized approach for energy release rate. <i>International Journal of Fracture</i> , 2006, 141, 27-35. | 2.2 | 6 |
| 11 | Design and analysis of crack-tip fields in plastically compressible hardening solids under cyclic loading. <i>International Journal on Interactive Design and Manufacturing</i> , 0, , . | 2.2 | 1 |