# Daniel Camas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2946619/publications.pdf

Version: 2024-02-01

| 27 | 520 | 623734 | 677142 |
|---|---|---|---|
| papers | citations | 14 | 22 |
| | | h-index | g-index |

| 27 | 27 | 27 | 203 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fatigue crack propagation analysis in 2024-T351 aluminium alloy using nonlinear parameters. International Journal of Fatigue, 2021, 153, 106478. | 5.7 | 16 |
| 2 | Numerical modelling of three-dimensional fatigue crack closure: Plastic wake simulation. International Journal of Fatigue, 2020, 131, 105344. | 5.7 | 15 |
| 3 | Three-dimensional fatigue crack closure numerical modelling: Crack growth scheme. Theoretical and Applied Fracture Mechanics, 2020, 108, 102623. | 4.7 | 17 |
| 4 | Numerical Analysis of the Influence of Crack Growth Scheme on Plasticity Induced Crack Closure Results. Structural Integrity, 2019, , 155-160. | 1.4 | 3 |
| 5 | Numerical analysis of the influence of the last cycle scheme on plasticity induced crack closure. Procedia Structural Integrity, 2019, 17, 894-899. | 0.8 | 2 |
| 6 | Numerical prediction of fatigue threshold of metallic materials in vacuum. Engineering Fracture Mechanics, 2019, 216, 106491. | 4.3 | 7 |
| 7 | Influence of plastic wake length on results of 3D numerical modelling of plasticity induced crack closure. Procedia Structural Integrity, 2019, 23, 607-612. | 0.8 | 0 |
| 8 | Elastic correction of fatigue crack growth laws. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 1052-1061. | 3.4 | 4 |
| 9 | Numerical modelling of three-dimensional fatigue crack closure: Mesh refinement. International Journal of Fatigue, 2018, 113, 193-203. | 5.7 | 38 |
| 10 | Key Aspects in 3D Fatigue Crack Closure Numerical Modelling. Key Engineering Materials, 2018, 774, 441-446. | 0.4 | 3 |
| 11 | A study of the evolution of crack tip plasticity along a crack front. Theoretical and Applied Fracture Mechanics, 2018, 98, 59-66. | 4.7 | 27 |
| 12 | Corrections in numerical methodology to evaluate plasticity induced crack closure along the thickness. Theoretical and Applied Fracture Mechanics, 2018, 97, 215-223. | 4.7 | 10 |
| 13 | Study of the stress intensity factor analysis through thickness: methodological aspects. Fatigue and Fracture of Engineering Materials and Structures, 2017, 40, 1295-1308. | 3.4 | 24 |
| 14 | Numerical and experimental study of the plastic zone in cracked specimens. Engineering Fracture Mechanics, 2017, 185, 20-32. | 4.3 | 35 |
| 15 | A numerical analysis of CTOD in constant amplitude fatigue crack growth. Theoretical and Applied Fracture Mechanics, 2016, 85, 45-55. | 4.7 | 46 |
| 16 | Study of Fatigue Cracks with Numerical and Experimental Methods. Procedia Engineering, 2016, 160, 13-20. | 1.2 | 4 |
| 17 | Effect of compressive loads on plasticity induced crack closure. Theoretical and Applied Fracture Mechanics, 2015, 80, 193-204. | 4.7 | 19 |
| 18 | Empirical model for plasticityâ€induced crack closure based on K<sub>max</sub> and Î”K. Fatigue and Fracture of Engineering Materials and Structures, 2015, 38, 983-996. | 3.4 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Finite element meshes for optimal modelling of plasticity induced crack closure. Engineering Fracture Mechanics, 2015, 142, 184-200. | 4.3 | 35 |
| 20 | A numerical study of plasticity induced crack closure under plane strain conditions. International Journal of Fatigue, 2015, 71, 75-86. | 5.7 | 38 |
| 21 | Stress intensity factor analysis of through thickness effects. International Journal of Fatigue, 2013, 46, 58-66. | 5.7 | 42 |
| 22 | Crack front curvature: Influence and effects on the crack tip fields in bi-dimensional specimens. International Journal of Fatigue, 2012, 44, 41-50. | 5.7 | 47 |
| 23 | Numerical study of the thickness transition in bi-dimensional specimen cracks. International Journal of Fatigue, 2011, 33, 921-928. | 5.7 | 54 |
| 24 | Numerical and experimental study of mixed-mode cracks in non-uniform stress field. Procedia Engineering, 2011, 10, 1691-1696. | 1.2 | 3 |
| 25 | Numerical and Experimental Analysis of Crack Closure. Key Engineering Materials, 0, 385-387, 369-372. | 0.4 | 12 |
| 26 | Numerical Study of the Influence of the Crack Front Curvature in the Evolution of the Plastic Zone along the CT Specimen Thickness. Key Engineering Materials, 0, 465, 119-122. | 0.4 | 4 |
| 27 | Numerical Analysis of the Pivot Node in Fracture Problems. Key Engineering Materials, 0, 774, 473-478. | 0.4 | 0 |