

Cavalcante TRF, Bon DG, Mariani FE, Coelho RT, Muñoz JA, Muñoz JC, Ribamar GG, Oliveira JP, Pereira AM de B, Ávila Diaz JA. **Microstructural assessment of additive-manufactured Inconel 718 samples subjected to heat treatments for enhanced mechanical properties** [Internet]. Progress in Additive Manufacturing. 2025 ; 1-18. Available from: <http://dx.doi.org/10.1007/s40964-025-01279-y>

Fagundes TA, Castro RS de, Campos MVR, Zilli BM, Silva LJR, Guerrero JM, Machado RQ. **A design approach for SoC integration with voltage restoration capability for redundancy-based DC microgrids** [Internet]. IEEE Open Journal of the Industrial Electronics Society. 2025 ; 6 1248-1268. Available from: <http://dx.doi.org/10.1109/OJIES.2025.3596838>

Montilla SK, Bosse RM, Lian MT, Gidrão G de MS, Yongtao B, Picón RA, Beck AT, Floréz-López J. **Damage-based fragility analysis of steel tubular-truss structures in harsh environments** [Internet]. International Journal of Mechanical Sciences. 2025 ; 304 1-19. Available from: <http://dx.doi.org/10.1016/j.ijmecsci.2025.110688>

Rangel UDOD, Ferreira MOA, Slade NBL, Gelamo RV, Baptista CARP, Pinto HC, Mota I, Koga GY, Águas HMB, Wolf W, Moreto JA. **Investigating the impact of nanostructured Nb2O5-based coating on the corrosion and corrosion-fatigue resistance of 2198-T8 aluminium alloy** [Internet]. Journal of Materials Research. 2025 ; 1-19. Available from: <http://dx.doi.org/10.1557/s43578-025-01631-6>

Souza AM de, Celino DR, Ragi R, Romero MA. **Analytical model for ballistic 2D nanotransistors** [Internet]. IEEE Open Journal of Nanotechnology. 2025 ; 1-11. Available from: <http://dx.doi.org/10.1109/OJNANO.2025.3598219>

Souza AM de, Celino DR, Ragi R, Romero MA. **Current-voltage modeling of transistors based on two-dimensional molybdenum disulfide** [Internet]. IEEE Access. 2025 ; 13 138112-138124. Available from: <http://dx.doi.org/10.1109/ACCESS.2025.3595055>

Souza AM de, Celino DR, Ragi R, Romero MA. **Current-voltage modeling of transistors based on two-dimensional molybdenum disulfide** [Internet]. IEEE Access. 2025 ; 13 138112-138124. Available from: <http://dx.doi.org/10.1109/ACCESS.2025.3595055>