

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

SCOPUS



Almeida LPR, Atroshchenko E, Leonel ED. **Viscous-cohesive fracture parameters quantification by the coupling of 3D dipole-based BEM formulation and Bayesian updating model** [Internet]. Engineering Structures. 2024 ; 322 1-21. Available from: <http://dx.doi.org/10.1016/j.engstruct.2024.119136>

Almeida RG de, Cunha DGF. **Optimizing surface water quality parameters in monitoring networks in a developing sub-tropical region with high anthropogenic pressure (São Paulo State Brazil)** [Internet]. Environmental Science and Pollution Research. 2024 ; 1-22. Available from: <https://dx.doi.org/10.1007/s11356-024-35345-9>

Ando Junior OH, Silva EA da, Lira ER de, Degiorgi SVB, Carmo JPP do. **Comparative analysis and integrated methodology for the electrical design and performance evaluation of thermoelectric generators (TEGs) in energy harvesting applications** [Internet]. Energies. 2024 ; 17(20): 1-23. Available from: <https://dx.doi.org/10.3390/en17205176>

Baptistella VEC, Zhaorui G, Minhyeok L, Ribatski G, Yuji S. **Development of a sensor for liquid film thickness measurements during annular flow in microchannels** [Internet]. Experiments in Fluids. 2024 ; 65(11): 1-12. Available from: <https://dx.doi.org/10.1007/s00348-024-03902-0>

Barth VB de O, Serrão FV, Maciel CD. **Assessing credibility in Bayesian networks structure learning** [Internet]. Entropy. 2024 ; 26(10): 1-22. Available from: <https://dx.doi.org/10.3390/e26100829>

Borges A do V, Fuess LT, Takeda PY, Rogeri RC, Saia FT, Gregoracci GB, Damianovic MHRZ. **Unleashing the full potential of vinasse fermentation in sugarcane biorefineries** [Internet]. Renewable and Sustainable Energy Reviews. 2025 ; 208 1-16. Available from: <https://dx.doi.org/10.1016/j.rser.2024.115096>

Brucha G, Giordani A, Vieira BF, Damianovic MHRZ, Saia FT, Damasceno LHS, Janzen JG, Foresti E, Vazoller RF. **Removal mechanisms of pentachlorophenol in a horizontal-flow anaerobic immobilized biomass reactor (HAIB) inoculated with an indigenous estuarine sediment microbiota: adsorption and biodegradation processes** [Internet]. Biodegradation. 2025 ; 36 1-13. Available from: <http://dx.doi.org/10.1007/s10532-024-10096-z>

Camacho EAR, Silva ARR, Marques FD. **Mitigating dynamic stall with a movable leading-edge: the NACA0012-IK30 wing** [Internet]. Proceedings. 2024 ; Available from: https://repositorio.usp.br/directbitstream/8eedf42a-b8a2-445f-9ead-f598734f1a02/icas2024_0595_paper.pdf

Charaja J, Schelhaas B, Jaimes JC, Moreno JY, Siqueira AAG. **Controlling human elbow movements using electrical stimuli and deep reinforcement learning** [Internet]. Proceedings. 2024 ; Available from: <https://dx.doi.org/10.1109/BioRob60516.2024.10719836>

Daud Filho AC, Silva ECN, Silva JR, Caurin GA de P, Belo EM. **Transition flight of a concept of lifting-wing quadcopter** [Internet]. The Aeronautical Journal. 2024 ; 1-21. Available from: <https://dx.doi.org/10.1017/aer.2024.100>

Devens KU, Ribeiro AR, Camargo FP, Sakamoto IK, Varesche MBA, Silva EL. **Feasibility of successive hydrogen and methane production: effects of temperature and organic loads on energy potential and microbial dynamics** [Internet]. International Biodeterioration & Biodegradation. 2025 ; 196 1-14. Available from: <http://dx.doi.org/10.1016/j.ibiod.2024.105955>

Di Marzo MAD, Gonzatto Junior OA, Najafabadi HN, Bidinotto JH. **Nonlinear behavior in aircraft fuel gauge readings: an exploring analysis** [Internet]. Proceedings. 2024 ; Available from: https://www.icas.org/ICAS_ARCHIVE/ICAS2024/data/preview/ICAS2024_1187.htm

Duarte F de S, Carrazedo R, Munaiar Neto J. **Thermomechanical analysis of reinforced concrete beams under fire situation: a comparison between conventional concrete and UHPC** [Internet]. Fire Technology. 2024 ; 1-22. Available from: <http://dx.doi.org/10.1007/s10694-024-01657-y>

Formigari RC, Tsuha C de HC. **Experimental investigation on the impact of the asymmetrical heat exchange and operation modes on the thermal performance of a bored energy pile in unsaturated soil: a case study in Brazil** [Internet]. Geothermics. 2025 ; 125 1-16. Available from: <http://dx.doi.org/10.1016/j.geothermics.2024.103201>

Franck LD, Soares Junior JN, Carmo JPP do. **A divide-by-1.5/2 prescaler utilizing double data rate technique** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/SBCCI62366.2024.10703986>

Garcia LAT, Oliveira M de, Fava N de MN, Freitas BLS, Cunha MJR da, Snelling WJ, Dooley SG, Ternan NG, Sabogal-Paz LP. **PhiX-174 phage concentration in rainwater by skimmed-milk flocculation** [Internet]. Water Science and Technology-Water Supply. 2024 ; 24(10): 3272-3278. Available from: <http://dx.doi.org/10.2166/ws.2024.098>

Gesualdo GC, Benso MR, Mendiondo EM, Brunner MI. **Spatially compounding drought events in Brazil** [Internet]. **Water Resources Research**. 2024 ; No 2024(11): 1-18. Available from: <https://dx.doi.org/10.1029/2023WR036629>

Gomes RC, Sigahi TFAC, Pinto J de S, Simon Rampasso I, Zanon LG, Serafim MP, Leal Filho W, Anholon R. **Challenges in adopting energy management systems by Brazilian companies: a fuzzy DEMATEL approach** [Internet]. International Journal of Sustainable Engineering. 2024 ; 17(1): 21-31. Available from: <http://dx.doi.org/10.1080/19397038.2024.2417013>

Hayashi EY, Paccola RR, Coda HB. **Comprehensive discussion on hyperelastic orthotropic constitutive models for finite strains** [Internet]. Latin American Journal of Solids and Structures. 2024 ; 21(10): 1-34. Available from: <http://dx.doi.org/10.1590/1679-78258253>

Maciejewski NAR, Freire RZ, Szejka AL, Bazzo TPM, Lopes SM de A, Flauzino RA. **Artificial intelligence-based recommendation system for detecting and diagnosing broken bars in induction motors under transient operation** [Internet]. IFAC-PapersOnLine. 2024 ; 58(19): 1156-1161. Available from: <http://dx.doi.org/10.1016/j.ifacol.2024.09.107>

Marão LA, Cintra LE, Caurin GA de P. **Influence of visual observations' dimensionality reduction on a deep reinforcement learning controlled terrestrial robot** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/CASE59546.2024.10711704>

Marques JP, Vaz CMP, Rodrigues VGS. **Characterization of mixtures of Brazilian Ultisol with urban pruning waste biochar at two different proportions** [Internet]. Journal of Soils and Sediments. 2024 ; No 2024(11): 3610-3625. Available from: <http://dx.doi.org/10.1007/s11368-024-03928-1>

Menezes CA de, Santos DR dos, Cavalcante W de A, Almeida P de S, Silva TP, Silva Júnior F das CG da, Gehring TA, Zaiat M, Santos AB dos, Leitao RC. **Innovative system to maximize methane production from fruit and vegetable waste** [Internet]. Environmental Science and Pollution Research. 2024 ; 1-15. Available from: <https://dx.doi.org/10.1007/s11356-024-35328-w>

Minghua S, van Klink R, Sagouis A, Petsch DK, Abong'o DA, Alahuhta J, Al-Shami SA, Armendáriz LC, Mi-Jung B, Begot TO, Belliard J, Benstead JP, Bomfim FF, Bredenhand E, Budnick WR, Callisto M, Calvão LB, Camacho-Rozo CP, Cañedo-Argüelle M, Carvalho FG, Chapman J, Chapman L, Qiuwen C, Chernoff B, Cibils-Martina L, Closs GP, Corbi JJ, Cunha EJ, Cunico AM, De los Rios-Escalante P, Dolédec S, Dunck B, Edegbene AO, Engman AC, Erős T, Esteves KE, Faquim RCP, Faria APJ, Ferreira CM, Ferreira MC, Fierro P, Freitas PV, Fugére V, Garcia TD, Xingli G, Gonino GMR, González-Trujillo JD, Gubiani EA, Hamada N, Haro RJ, Hepp LU, Herrera Rodríguez GA, Hill MJ, Huda AN, Iniguez-Armijos C, Jamoneau A, Jonsson M, Juen L, Kadye WT, Kahirun K, Kasangaki A, Larson CA, Pereira AL, Leboucher T, Leite GFM, Dunhai L, Andrade AL, Luke SH, Lundquist MJ, Lupi D, Machuca Sepúlveda J, Macuiane MA, Mancera Rodríguez NJ, Márquez JA, Martins RT, Masese FO, Meixler MS, Michelan TS, Monge Salazar MJ, Mruzek JL, Mugni HD, Ndagurwa HGT, Niba A, Nimptsch J, Novelo-Gutiérrez R, Ochieng H, Pacheco Díaz R, Young-Seuk P, Passy SI, Pearson RG, Peressin A, Pericó E, Pires MM, Poulos H, Principe RE, Prudente BS, Ríos Touma B, Ruaro R, Schmitter-Soto JJ, Schneck F, Schulz UH, Selvakumar C, Sharma CM, Siqueira T, Solis ML, Sousa RGC, Stanley EH, Stenger-Kovács C, Tales E, Teresa FB, Thornhill I, Tison-Rosebery J, Vieira TB, Villada-Bedoya S, White JC, Wood PJ, Zhicai X, Yule CM, Zequi JAC, Chase JM. **FreshLanDiv: a global database of freshwater biodiversity across different land uses** [Internet]. Global Ecology and Biogeography. 2024 ; 33 1-1-9. Available from: <https://dx.doi.org/10.1111/geb.13917>

Miranda M, Cini A, Raimondo A, Tita V. **Crashworthiness assessment of a composite fuselage stanchion employing a strain rate dependent damage model** [Internet]. Composite Structures. 2024 ; 352 1-16. Available from: <http://dx.doi.org/10.1016/j.compstruct.2024.118674>

Mosconi D, Moreno Y, Moreira M de MAC, Siqueira AAG. **Human-exoskeleton interaction during knee flexion-extension with robot setup in resistive mode** [Internet]. Proceedings. 2024 ; Available from: <https://dx.doi.org/10.1109/BioRob60516.2024.10719835>

Mosconi D, Moreno Y, Moreira M de MAC, Siqueira AAG. **Human-exoskeleton interaction during knee flexion-extension with robot setup in resistive mode** [Internet]. Proceedings. 2024 ; Available from: <https://dx.doi.org/10.1109/BioRob60516.2024.10719835>

Napolitano F, Santos JC dos, Silva RJ da, Braga GG, Tarpani JR, Panzera TH, Scarpa F. **Moisture ageing effects on the mechanical performance of eco-friendly sandwich panels made of aluminium skins, bamboo ring core and bio-based adhesives** [Internet]. Advances in Bamboo Science. 2024 ; 1-12. Available from: <http://dx.doi.org/10.1016/j.bamboo.2024.100115>

Nascimento MR, Ramos FA, Santos GG dos, Oleskovicz M, Ramos RA. **Characterization of parallel and series harmonic resonance modes in distribution networks** [Internet]. Proceedings. 2024 ; Available from: <https://dx.doi.org/10.1109/PESGM51994.2024.10688481>

Noppeney VT, Escalante FM, Maggi LO, Cunha TB. **Human: the human motion anticipation algorithm based on recurrent neural networks** [Internet]. IEEE Robotics and Automation Letters. 2024 ; 9(12): 11521-11528. Available from: <https://dx.doi.org/10.1109/LRA.2024.3495572>

Patrício L, Varela L, Silveira Z de C. **Integration of artificial intelligence and robotic process automation: literature review and proposal for a sustainable model** [Internet]. Applied Sciences. 2024 ; 14(21): 1-20. Available from: <https://dx.doi.org/10.3390/app14219648>

Peixoto MGM, Melo GA de, Mendonça MCA, Musetti MA, Serrano ALM, Ferreira LOG, Neumann C. **Performance measurement of Brazil federal university hospitals through principal component analysis: a public health care services' panorama** [Internet]. International Journal of Organizational Analysis. 2024 ; 1-29. Available from: <https://dx.doi.org/10.1108/IJOA-03-2024-4340>

Ramos ACR, Santos RB, Oliveira LPR de. **Correction to:: Attenuation of vibrations in a drone camera by periodic resonator metamaterials: experimental analysis** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2024 ; 46 1. Available from: <https://dx.doi.org/10.1007/s40430-024-05259-1>

Ribeiro AR, Devens KU, Camargo FP, Sakamoto IK, Varesche MBA, Silva EL. **Insights of energy potential in thermophilic sugarcane vinasse and molasses treatment: does two-stage codigestion enhance operational performance?** [Internet]. Biodegradation. 2025 ; 36 1-20. Available from: <http://dx.doi.org/10.1007/s10532-024-10097-y>

Rodrigues CV, Oliveira Filho LM de, Camargo FP, Dornelles H de S, Sakamoto IK, Maitinguer SI, Silva EL, Varesche MBA. **New approach to agro-industrial solid and liquid waste management: performance of an EGSB reactor at different hydraulic retention times for methane production** [Internet]. Renewable Energy. 2024 ; 237 1-13. Available from: <https://dx.doi.org/10.1016/j.renene.2024.121822>

Soares IN, Altafim RAC, Altafim RAP, Moreira M de MAC, Sousa FSI de, Afonso JA, Carmo JPP do, Flauzino RA. **Investigation of a magnetic levitation architecture with a ferrite core for energy harvesting** [Internet]. Energies. 2024 ; 17(21): 1-11. Available from: <https://dx.doi.org/10.3390/en17215315>

Soares LA, Fuess LT, Delforno TP, Oliveira VM, Silva EL, Varesche MBA. **Biofuel production from solid and liquid fractions of hydrothermally pretreated sugarcane bagasse in a continuous compartmentalized reactor and potential metabolic pathways** [Internet]. Quimica Nova. 2024 ; 47(8): 1-10. Available from: <https://dx.doi.org/10.21577/0100-4042.20240033>



Novembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

WEB OF SCIENCE



Assis LBM de, Moraes FR de, Segantine PCL, Amado M das NP, Silva I da. **GeoCNES: healthcare mapping in Brazilian cities – a computational tool for improved decision-making** [Internet]. Ciencia & Saude Coletiva. 2024 ; 29(11): 1-12. Available from: <https://dx.doi.org/10.1590/1413-812320242911.02672024>

Gelamo RV, Leite NB, Amadeu N, Tavares MRPM, Oberschmidt D, Klemm S, Fleck C, Cakir C-T, Radtke M, Moreto JA. **Exploring the Nb₂O₅ coating deposited on the Ti-6Al-4V alloy by a novel GE-XANES technique and nanoindentation load-depth** [Internet]. Materials Letters. 2024 ; 355 1-4. Available from: <http://dx.doi.org/10.1016/j.matlet.2023.135584>

Himeno FHT, Carvalho AEB. **Analyses of reynolds and mach number effects on Tollmien-Schlichting wave-bump interaction in subsonic flows** [Internet]. Journal of Fluid Mechanics. 2024 ; 998 1-36. Available from: <http://dx.doi.org/10.1017/jfm.2024.675>

Nascimento JPL do, Ferreira MOA, Teixeira GTL, Leite NB, Aoki IV, Moreto JA. **The use of POPE phospholipid as a first-layer coating of the Ti-6Al-4V alloy: preliminary studies** [Internet]. Orbital : The Electronic Journal of Chemistry. 2024 ; 16(1): 10-16. Available from: <https://dx.doi.org/10.17807/orbital.v15i5.19304>

Nascimento JPL, Teixeira GTL, Obata MMS, Silva MV, Oliveira CJF, Silva LEA, Gelamo RV, Slade NBL, Moreto JA. **Influence of reactive sputtering-deposited Nb₂O₅ coating on the Ti-6Al-4V alloy surfaces: biomineralization, antibacterial activity, and cell viability tests** [Internet]. Materials Research. 2023 ; 26 1-9. Available from: <http://dx.doi.org/10.1590/1980-5373-MR-2023-0251>

Sharma A, Sant Ana C, Uribe-Quevedo A, Caurin GA de P, Rondoni C. **Virtual reality robot-assisted SEEG monitoring surgery prototype** [Internet]. 2023 ; Available from: <http://dx.doi.org/10.1109/ColBioCAS59270.2023.10280856>

Teixeira GTL, Ferreira MOA, Gelamo RV, Obata MMS, Perini HF, Silva MV da, Siervo A de, Slade GG, Moreto JA, Slade NBL. **Corrosion behaviour of the Ti-6Al-4V alloy after functionalization by polyacrylic acid using plasma-enhanced chemical vapor deposition** [Internet]. Emergent Materials. 2024 ; 7 2143-2161. Available from: <https://dx.doi.org/10.1007/s42247-024-00739-5>



Novembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

IEEE Xplore

Campos MVR, Silva LJR, Fagundes TA, Neves RVA, Oliveira VA de, Machado RQ. **Energy management system based on S-shaped functions for series hybrid vehicle under a fully active topology** [Internet]. IEEE Transactions on Vehicular Technology. 2024 ; 73(11): 1-16. Available from: <http://dx.doi.org/10.1109/TVT.2024.3498703>

Monteiro JRB de A, Santos STCA dos, Pakjoo M, Perbellini L, Piegari L, Baquero RS. **Comparison of energy management strategies for an e-racing vehicle with hybrid energy storage** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/VPPC63154.2024.10755226>

Paramo G, Bretas A, Meyn S, Bretas NG. **A frequency stability scheme based on dynamic estimation and spectral clustering** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/EEEIC/ICPSEurope61470.2024.10751571>



Novembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

OPEN ACCESS

Ando Junior OH, Silva EA da, Lira ER de, Degiorgi SVB, Carmo JPP do. **Comparative analysis and integrated methodology for the electrical design and performance evaluation of thermoelectric generators (TEGs) in energy harvesting applications** [Internet]. Energies. 2024 ; 17(20): 1-23. Available from: <https://dx.doi.org/10.3390/en17205176>

Assis LBM de, Moraes FR de, Segantine PCL, Amado M das NP, Silva I da. **GeoCNES: healthcare mapping in Brazilian cities – a computational tool for improved decision-making** [Internet]. Ciencia & Saude Coletiva. 2024 ; 29(11): 1-12. Available from: <https://dx.doi.org/10.1590/1413-812320242911.02672024>

Barth VB de O, Serrão FV, Maciel CD. **Assessing credibility in Bayesian networks structure learning** [Internet]. Entropy. 2024 ; 26(10): 1-22. Available from: <https://dx.doi.org/10.3390/e26100829>

Campos MVR, Silva LJR, Fagundes TA, Neves RVA, Oliveira VA de, Machado RQ. **Energy management system based on S-shaped functions for series hybrid vehicle under a fully active topology** [Internet]. IEEE Transactions on Vehicular Technology. 2024 ; 73(11): 1-16. Available from: <http://dx.doi.org/10.1109/TVT.2024.3498703>

Daud Filho AC, Silva ECN, Silva JR, Caurin GA de P, Belo EM. **Transition flight of a concept of lifting-wing quadcopter** [Internet]. The Aeronautical Journal. 2024 ; 1-21. Available from: <https://dx.doi.org/10.1017/aer.2024.100>

Garcia LAT, Oliveira M de, Fava N de MN, Freitas BLS, Cunha MJR da, Snelling WJ, Dooley SG, Ternan NG, Sabogal-Paz LP. **PhiX-174 phage concentration in rainwater by skimmed-milk flocculation** [Internet]. Water Science and Technology-Water Supply. 2024 ; 24(10): 3272-3278. Available from: <http://dx.doi.org/10.2166/ws.2024.098>

Gesualdo GC, Benso MR, Mendiondo EM, Brunner MI. **Spatially compounding drought events in Brazil** [Internet]. Water Resources Research. 2024 ; No 2024(11): 1-18. Available from: <https://dx.doi.org/10.1029/2023WR036629>

Gomes RC, Sigahi TFAC, Pinto J de S, Simon Rampasso I, Zanon LG, Serafim MP, Leal Filho W, Anholon R. **Challenges in adopting energy management systems by Brazilian companies: a fuzzy DEMATEL approach** [Internet]. International Journal of Sustainable Engineering. 2024 ; 17(1): 21-31. Available from: <http://dx.doi.org/10.1080/19397038.2024.2417013>

Hayashi EY, Paccola RR, Coda HB. **Comprehensive discussion on hyperelastic orthotropic constitutive models for finite strains** [Internet]. Latin American Journal of Solids and Structures. 2024 ; 21(10): 1-34. Available from: <http://dx.doi.org/10.1590/1679-78258253>

Himeno FHT, Carvalho AEB. **Analyses of reynolds and mach number effects on Tollmien-Schlichting wave-bump interaction in subsonic flows** [Internet]. Journal of Fluid Mechanics. 2024 ; 998 1-36. Available from: <http://dx.doi.org/10.1017/jfm.2024.675>

Maciejewski NAR, Freire RZ, Szejka AL, Bazzo TPM, Lopes SM de A, Flauzino RA. **Artificial intelligence-based recommendation system for detecting and diagnosing broken bars in induction motors under transient operation** [Internet]. IFAC-PapersOnLine. 2024 ; 58(19): 1156-1161. Available from: <http://dx.doi.org/10.1016/j.ifacol.2024.09.107>

Minghua S, van Klink R, Sagouis A, Petsch DK, Abong'o DA, Alahuhta J, Al-Shami SA, Armendáriz LC, Mi-Jung B, Begot TO, Belliard J, Benstead JP, Bomfim FF, Bredenhand E, Budnick WR, Callisto M, Calvão LB, Camacho-Rozo CP, Cañedo-Argüelle M, Carvalho FG, Chapman J, Chapman L, Qiuwen C, Chernoff B, Cibils-Martina L, Closs GP, Corbi JJ, Cunha EJ, Cunico AM, De los Rios-Escalante P, Dolédec S, Dunck B, Edegbene AO, Engman AC, Erős T, Esteves KE, Faquim RCP, Faria APJ, Ferreira CM, Ferreira MC, Fierro P, Freitas PV, Fugére V, Garcia TD, Xingli G, Gonino GMR, González-Trujillo JD, Gubiani EA, Hamada N, Haro RJ, Hepp LU, Herrera Rodríguez GA, Hill MJ, Huda AN, Iniguez-Armijos C, Jamoneau A, Jonsson M, Juen L, Kadye WT, Kahirun K, Kasangaki A, Larson CA, Pereira AL, Leboucher T, Leite GFM, Dunhai L, Andrade AL, Luke SH, Lundquist MJ, Lupi D, Machuca Sepúlveda J, Macuiane MA, Mancera Rodríguez NJ, Márquez JA, Martins RT, Masese FO, Meixler MS, Michelan TS, Monge Salazar MJ, Mruzek JL, Mugni HD, Ndagurwa HGT, Niba A, Nimptsch J, Novelo-Gutiérrez R, Ochieng H, Pacheco Díaz R, Young-Seuk P, Passy SI, Pearson RG, Peressin A, Pericó E, Pires MM, Poulos H, Principe RE, Prudente BS, Ríos Touma B, Ruaro R, Schmitter-Soto JJ, Schneck F, Schulz UH, Selvakumar C, Sharma CM, Siqueira T, Solis ML, Sousa RGC, Stanley EH, Stenger-Kovács C, Tales E, Teresa FB, Thornhill I, Tison-Rosebery J, Vieira TB, Villada-Bedoya S, White JC, Wood PJ, Zhicai X, Yule CM, Zequi JAC, Chase JM. **FreshLanDiv: a global database of freshwater biodiversity across different land uses** [Internet]. Global Ecology and Biogeography. 2024 ; 33 1-1-9. Available from: <https://dx.doi.org/10.1111/geb.13917>

Miranda M, Cini A, Raimondo A, Tita V. **Crashworthiness assessment of a composite fuselage stanchion employing a strain rate dependent damage model** [Internet]. Composite Structures. 2024 ; 352 1-16. Available from: <http://dx.doi.org/10.1016/j.compstruct.2024.118674>

Napolitano F, Santos JC dos, Silva RJ da, Braga GG, Tarpani JR, Panzera TH, Scarpa F. **Moisture ageing effects on the mechanical performance of eco-friendly sandwich panels made of aluminium skins, bamboo ring core and bio-based adhesives** [Internet]. Advances in Bamboo Science. 2024 ; 1-12. Available from: <http://dx.doi.org/10.1016/j.bamboo.2024.100115>

Nascimento JPL do, Ferreira MOA, Teixeira GTL, Leite NB, Aoki IV, Moreto JA. **The use of POPE phospholipid as a first-layer coating of the Ti-6Al-4V alloy: preliminary studies** [Internet]. Orbital : The Electronic Journal of Chemistry. 2024 ; 16(1): 10-16. Available from: <https://dx.doi.org/10.17807/orbital.v15i5.19304>

Nascimento JPL, Teixeira GTL, Obata MMS, Silva MV, Oliveira CJF, Silva LEA, Gelamo RV, Slade NBL, Moreto JA. **Influence of reactive sputtering-deposited Nb₂O₅ coating on the Ti-6Al-4V alloy surfaces: biomineralization, antibacterial activity, and cell viability tests** [Internet]. Materials Research. 2023 ; 26 1-9. Available from: <http://dx.doi.org/10.1590/1980-5373-MR-2023-0251>

Paramo G, Bretas A, Meyn S, Bretas NG. **A frequency stability scheme based on dynamic estimation and spectral clustering** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/EEEIC/ICPSEurope61470.2024.10751571>

Patrício L, Varela L, Silveira Z de C. **Integration of artificial intelligence and robotic process automation: literature review and proposal for a sustainable model** [Internet]. Applied Sciences. 2024 ; 14(21): 1-20. Available from: <https://dx.doi.org/10.3390/app14219648>

Penner GC, Wendland EC, Gonçalves MM, Adam KN. **Methodology for IDF equation based on reduced pluviograph records** [Internet]. Revista Brasileira de Ciências Ambientais. 2023 ;(3): Se 2023.[Available from: <http://dx.doi.org/10.5327/Z2176-94781652>

Ramos ACR, Santos RB, Oliveira LPR de. **Correction to:: Attenuation of vibrations in a drone camera by periodic resonator metamaterials: experimental analysis** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2024 ; 46 1. Available from: <https://dx.doi.org/10.1007/s40430-024-05259-1>

Soares IN, Altafim RAC, Altafim RAP, Moreira M de MAC, Sousa FSI de, Afonso JA, Carmo JPP do, Flauzino RA. **Investigation of a magnetic levitation architecture with a ferrite core for energy harvesting** [Internet]. Energies. 2024 ; 17(21): 1-11. Available from: <https://dx.doi.org/10.3390/en17215315>



Novembro de 2024.