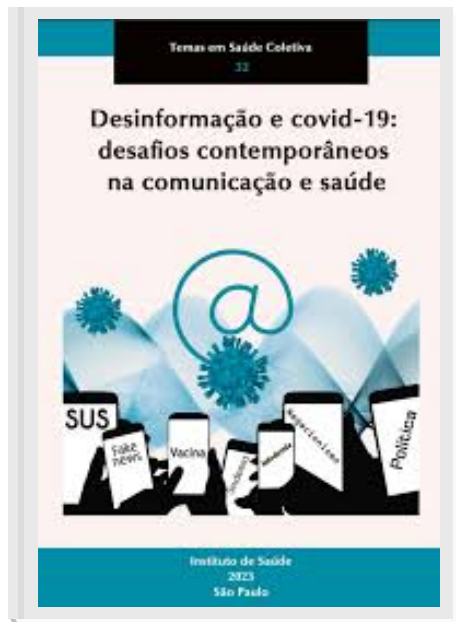


BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

LIVROS



Dezembro/2024

Almeida CH de C, Giacheti HL, Rocha BP, Esquivel ER. **Integrating downhole seismic testing into Dynamic Probing Light (DPL): first results** [Internet]. Soils and Rocks. 2024 ; 47 Available from: <http://dx.doi.org/10.28927/SR.2024.009223>

Andrade AP de, Silva PTX da, Ventura L. **Contribution of different sunglasses frames to the protection against ultraviolet radiation: a suggestion of adaptation for the current standards** [Internet]. Abstracts. 2024 ; Available from: <https://repositorio.usp.br/directbitstream/a1df82dc-ba8f-4424-9602-1c282c89737b/artigoCongressoAugusto.pdf>

Angelis VS de, Dorrah AH, Sarro JO de, Ambrosio LA, Zamboni-Rached M, Capasso F. **Curved light sheets for 3D holography and volumetric displays** [Internet]. Proceedings. 2024 ; Available from: http://dx.doi.org/10.1364/CLEO_FS.2024.FF1J.2

Anjoletto TP, Sousa DES de, Santos FV dos, Branciforti MC. **Mechanical and tribological characterization of polyamide 66/graphite nanocomposites** [Internet]. Results in Surfaces and Interfaces. 2025 ; 18; Available from: <http://dx.doi.org/10.1016/j.rsurfi.2024.100367>

Ballarin AS, Oliveira PTS, Uchôa JGSM, Lima CHR, Zaerpour M, Godoy MRV, Meira Neto AA, Papalexidou SM, Wendland EC. **Escalating threat of human-perceived heatwaves in Brazil** [Internet]. Environmental Research Communications. 2024 ; no 2024.(11): Available from: <http://dx.doi.org/10.1088/2515-7620/ad9140>

Boz E, Pinto ARF, Nagano MS. **Optimizing logistics efficiency: an integrated approach to joint zone picking, order batching, and vehicle routing with time windows** [Internet]. Soft Computing : a fusion of foundations, methodologies and applications. 2024 ; 28 12763–12786. Available from: <http://dx.doi.org/10.1007/s00500-024-10363-4>

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): Available from: <http://dx.doi.org/10.1007/s10532-024-10096-z>

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):[citado 2025 jan. 20] Available from: <http://dx.doi.org/10.1007/s10532-024-10096-z>

Bueno BE, Brito ALM, Rea VSG, Kurnianto RW, Zaiat M, van Lier JB. **Anaerobic membrane bioreactor (AnMBR) with external ultrafiltration membrane for the treatment of sugar beet vinasse** [Internet]. Frontiers in Bioengineering and Biotechnology. 2024 ; 12. Available from: <http://dx.doi.org/10.3389/fbioe.2024.1491974>

Bueno BE, Rea VSG, Saia FT, Gregoracci GB, Da canal GC, van Lier JB, Zaiat M. **Treatment of sugarcane vinasse in AnMBR and UASB: process performance and microbial community comparison** [Internet]. Frontiers in Bioengineering and Biotechnology. 2024 ; 12 Available from: <http://dx.doi.org/10.1016/10.3389/fbioe.2024.1489807>.

Chaves HP, Branco Filho T de CT, Marques RC, Malheiros TF. **Performance evaluation of water supply service providers: a review with a focus on Brazil** [Internet]. Water Supply. 2024 ; 24(9): 3118-3131. Available from: <http://dx.doi.org/10.2166/ws.2024.198>

- Chaves HP, Branco Filho T de CT, Marques RC, Malheiros TF. **Performance evaluation of water supply service providers: a review with a focus on Brazil** [Internet]. Water Supply. 2024 ; 24(9): 3118-3131. Available from: <http://dx.doi.org/10.2166/ws.2024.198>
- Chaves HP, Branco Filho T de CT, Marques RC, Malheiros TF. **Performance evaluation of water supply service providers: a review with a focus on Brazil** [Internet]. Water Supply. 2024 ; 24(9): 3118-3131. Available from: <http://dx.doi.org/10.2166/ws.2024.198>
- Coda HB. **A Flory's only framework for rate-dependent viscoelastoplasticity at large strains** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2024 ; 47(20): Available from: <http://dx.doi.org/10.1007/s40430-024-05281-3>
- Davi MJBB, Oleskovicz M, Lopes FV. **An integrated fault detection, classification, and region identification methodology applied to onshore wind farm collector systems** [Internet]. IEEE Access. 2024 ; 12. Available from: <http://dx.doi.org/10.1109/ACCESS.2024.3508575>
- Janssen S, Schimidt CS, Oliveira LPR de, De Marqui Júnior C, Claeys C, Deckers E. **On the stop band adaptivity range of locally resonant metamaterial resonators with piezoelectric patches: a case study** [Internet]. Proceedings. 2024 ; Available from: <https://repositorio.usp.br/directbitstream/f3f5088c-eb24-42f2-89da-1585e65f6e2e/artigo.pdf>
- Kalatzis AEG, Martins-Filho C, Ribeiro ACH. **Financial constraints and firm efficiency: further empirical evidence** [Internet]. Finance Research Letters. 2025 ; 72. Available from: <http://dx.doi.org/10.1016/j.frl.2024.106524>
- Kalatzis AEG, Martins-Filho C, Ribeiro ACH. **Financial constraints and firm efficiency: further empirical evidence** [Internet]. Finance Research Letters. 2025 ; 72. Available from: <http://dx.doi.org/10.1016/j.frl.2024.106524>
- Leal AB, Souza Filho HN de, Zanon LG, Sigahi TFAC, Rampasso IS, Anholon R. **Selection of photovoltaic panels for floating systems: an analysis based on Entropy, CRITIC and TOPSIS** [Internet]. International Journal of Sustainable Engineering. 2024 ; 17(1): 1173–1185. Available from: <http://dx.doi.org/10.1080/19397038.2024.2438671>
- Maharjan R, Thapa A, Rajbhandari P, Faccio D, Martins ER, Krauss TF, Dhakal A. **A case for optics-based microbial risk assessment of potable water** [Internet]. Proceedings. 2024 ; Available from: http://dx.doi.org/10.1364/CLEO_AT.2024.ATu4A.2
- Mariani FE, Konno CYN, Cruz CB, Lombardi AN, Garcia A, Cheung N, Coelho RT, Casteletti LC. **Inconel 625 coating produced by Directed Energy Deposition–Laser Beam (DED-LB) for corrosion-resistant applications** [Internet]. Journal of Materials Engineering and Performance. 2024 ; Available from: <http://dx.doi.org/10.1007/s11665-024-10546-y>
- Masili M, Duarte FO, Ventura L. **Evaluation of solar ultraviolet blocking by sunglasses and their compliance with recommended safety limits** [Internet]. Research on Biomedical Engineering. 2025 ; 41(5): Available from: <http://dx.doi.org/10.1007/s42600-024-00390-3>
- Masili M, Duarte FO, Ventura L. **Sunglasses: analysis of ultraviolet influx through the pupil** [Internet]. Abstracts. 2024 ; Available from: https://repositorio.usp.br/directbitstream/1ed46245-7f0f-4224-8c23-392d3abba8ab/PROD_27346_SYSNO_3216699.pdf
- McGuigan KG, Khan W, Dhodapkar R, Sabogal-Paz LP, Giannakis S, Fatta-Kassinis D. **Sustainable water treatment technologies for use in resource-poor environments** [Internet]. Journal of Environmental Chemical Engineering. 2025 ; 13(1): Available from: <http://dx.doi.org/10.1016/j.jece.2024.113649>
- Mendes ED, Sampaio RJS, Collaço FM de A. **Justice or just plans? Reviewing the energy transition strategy of Brazil's Ceará state** [Internet]. Energy Research and Social Science. 2025 ; 119(Ja): Available from: <http://dx.doi.org/10.1016/j.erss.2024.103865>
- Oliveira AP, Ferreira T, Coelho RT, Bolfarini C, Gargarella P. **Effect of building direction and heat treatment on the wear behavior of H13 tool steel processed by laser powder bed fusion** [Internet]. Journal of Materials Research and Technology. 2024 ; no 1 9802-9810. Available from: <http://dx.doi.org/10.1016/j.jmrt.2024.12.012>

Oliveira KA de, Jardim PILG, Oliveira CAB, Rodrigues EFC, Christoforo AL, Molina JC. **Assessment of the bonding quality of Toona ciliata (Australian cedar) lamellas for glulam beams produced with different adhesives and surface finishes** [Internet]. International Journal of Adhesion and Adhesives. 2025 ; 138 Available from: <http://dx.doi.org/10.1016/j.ijadhadh.2024.103887>

Pacheco Junior MA, Sigahi TFAC, Rampasso IS, Zanon LG, Leal Filho W, Anholon R, Ribeiro ACH. **Management excellence practices in small- and medium-sized industries: proposition of an evaluation approach and application in an emerging country** [Internet]. Benchmarking: an international journal. 2024 ; 72 Available from: https://repositorio.usp.br/directbitstream/2f928b26-0e79-4625-ad85-a20bb39c9ca1/10-1108_bij-11-2023-0820.pdf

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>

Pires ÊH, Barreto Netto JV, Ribeiro ML. **Raw dataset of tensile tests in a 3D-printed nylon reinforced with oriented short carbon fibers** [Internet]. Data in Brief. 2024 ; 57 Available from: <http://dx.doi.org/10.1016/j.dib.2024.111149>

Ramos ACR, Melo CAP, Álvarez-Briceño R, Oliveira LPR de. **Kalman-based force identification applied to vibration transfer path analysis** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2025 ; 47(4): Available from: <http://dx.doi.org/10.1016/10.1007/s40430-024-05313-y>.

Rezende WS, Marçal Neto A, Corbi JJ, Corbi PP, Paiva REF de, Bergamini . FRG. **Coordination compounds as antivirals against neglected tropical diseases** [Internet]. ChemMedChem. 2024 ; Available from: <http://dx.doi.org/10.1002/cmdc.202400799>

Ribas Junior A da S, Criado TC, Souza AJD de, Molina JC. **Non-linear orthotropic numerical simulation for monitoring wood embedment tests according to BS EN 383 (2007) Standard European** [Internet]. Materia. 2024 ; 29 (4): Available from: <http://dx.doi.org/10.1590/1517-7076-RMAT-2024-0544>

Rodrigues AV, Ramirez AF, Zepon G, Fogagnolo JB, Wolf W. **Formation of icosahedral quasicrystals embedded in an Al-FCC matrix, in a novel Al-Cu-Fe-Cr alloy, after laser remelting** [Internet]. Journal of Materials Science. 2024 ; 59(48): 22283-22291. Available from: <http://dx.doi.org/10.1007/s10853-024-10495-w>

Santos JC dos, Silva R da, Christoforo AL, Freire RTS, Tarpani JR, Scarpa F, Panzera TH. **Impact performance of egg-box core sandwich panels made from sisal fibers and castor-oil-based polymer** [Internet]. Polymer Composites. 2024 ; Available from: <http://dx.doi.org/10.1002/pc.29123>

Santos JC dos, Silva R da, Christoforo AL, Freire RTS, Tarpani JR, Scarpa F, Panzera TH. **Impact performance of egg-box core sandwich panels made from sisal fibers and castor-oil-based polymer** [Internet]. Polymer Composites. 2024 ; [citado 2025 jan. 20] Available from: <http://dx.doi.org/10.1002/pc.29123>

Silva MM da, Silveira RMF, Cruz GG da, Azevedo KAM de, Bittar CMM, Silva IJO da. **Acoustic-based models to assess herd-level calves emotion: A machine learning approach** [Internet]. Smart Agricultural Technology. 2024 ; 9 1-11 Available from: <https://doi.org/10.1016/j.atech.2024.100682>

Soares ÁKM, Rodrigues VGS. **Recent advances on microplastics and nanoplastics impacts to the United Nations' Sustainable Development Goal 2—Zero Hunger: a systematic review** [Internet]. Water, Air and Soil Pollution: an international journal of environmental pollution. 2024 ; 235(802): Available from: <http://dx.doi.org/10.1007/s11270-024-07590-8>

Souza CC, Moura RPG, Bose Filho WW, Arencibia RV. **Assessment of measurement uncertainty associated with fracture toughness calculation based on energy release rate in spherical indentation tests** [Internet]. Theoretical and Applied Fracture Mechanics. 2025 ; 135, Available from: <http://dx.doi.org/10.1016/j.tafmec.2024.104775>

Souza MI de O, Santos NM, Alarcon JC, Varanda LC, Pepino VM, Borges B-HV. **Microwave glucose sensing using double circular split ring resonators for improved sensitivity: the role of artificial blood plasma and deionized water** [Internet]. IEEE Sensors Journal. 2024 ; Available from: <https://repositorio.usp.br/directbitstream/fdbec14a-170e-4ae0-9edc->

[854f63fde003/Microwave Glucose Sensing Using Double Circular Split Ring Resonators for Improved Sensitivity The Role of Artificial Blood Plasma and Deionized Water.pdf](https://doi.org/10.1016/j.strusafe.2023.102381)

Stewart MG, Thöns S, Beck AT. **Assessment of risk reduction strategies for terrorist attacks on structures** [Internet]. **Structural Safety**. 2025 ; 113. Available from: <http://dx.doi.org/10.1016/j.strusafe.2023.102381>

Tang S, Shen J, Gouesbet G, Ambrosio LA. **On radial quadrature method applied to spherical wave expansion of Gaussian beams** [Internet]. *Journal of Quantitative Spectroscopy and Radiative Transfer*. 2025 ; 332 Available from: <http://dx.doi.org/10.1016/j.jqsrt.2024.109290>

Tavares AL de M, Furlan AP, Fabbri GTP, Pedreira Junior JU. **Soil-aggregate-cement mixtures for base pavement layers: a strength and stiffness characterization** [Internet]. *Transportation Geotechnics*. 2025 ;50(101456): Available from: <http://dx.doi.org/10.1016/j.trgeo.2024.101456>

Tsukahara VHB, Oliveira Júnior JN de, Prizon T, Ruggiero RN, Maciel CD. **The time lag in local field potential signals for the development of its Bayesian belief network** [Internet]. *Eurasip Journal on Advances in Signal Processing*. 2024 ; 87 Available from: <http://dx.doi.org/10.1186/s13634-024-01165-9>

Tsukahara VHB, Oliveira Júnior JN de, Prizon T, Ruggiero RN, Maciel CD. **The time lag in local field potential signals for the development of its Bayesian belief network** [Internet]. *Eurasip Journal on Advances in Signal Processing*. 2024 ; 87 Available from: <http://dx.doi.org/10.1186/s13634-024-01165-9>

Vasco G, Miranda R de Q, Viana JF de S, Bressiani D, Mendiondo EM, Silva RM da, Galvíncio JD, Silva SF da, Montenegro SMGL. **Multi-model ensemble for long-term statistical trend analysis of observed gridded precipitation and temperature data in the São Francisco River Basin, Brazil** [Internet]. *RBRH : Revista Brasileira de Recursos Hídricos*. 2024 ; 29(e37): Available from: <http://dx.doi.org/10.1590/2318-0331.292420240042>

Vrouwenvelder T, Beck AT, Proske D, Faber M, Köhler J, Schubert M, Straub D, Teichgräber M. **Interpretation of probability in structural safety: a philosophical conundrum** [Internet]. *Structural Safety*. 2025 ; 113 Available from: <http://dx.doi.org/10.1016/j.strusafe.2024.102473>

Wong V, Aversa A, Rodrigues AR. **A deep learning model for estimating the quality of bimetallic tracks obtained by laser powder-directed energy deposition** [Internet]. *Materials*. 2024 ; 17(22): Available from: <http://dx.doi.org/10.3390/ma17225653>



Dezembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

WEB OF SCIENCE

Fagundes TA, Fuzato GHF, Magossi RFQ, Silva LJR, Vasquez JC, Guerrero. Josep M., Machado RQ. **A modified redundancy-based energy management system for microgrids: an SoC enhancement approach** [Internet]. IEEE Transactions on Industrial Electronics. 2024 ; 1-10. Available from: <http://dx.doi.org/10.1109/TIE.2023.3342325>



Dezembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

ENGINEERING VILLAGE

Mariani FE, Konno CYN, Cruz CB, Lombardi AN, Garcia A, Cheung N, Coelho RT, Casteletti LC. **Inconel 625 coating produced by Directed Energy Deposition–Laser Beam (DED-LB) for corrosion-resistant applications** [Internet]. Journal of Materials Engineering and Performance. 2024 ; Available from: <http://dx.doi.org/10.1007/s11665-024-10546-y>

Janssen S, Schimidt CS, Oliveira LPR de, De Marqui Júnior C, Claeys C, Deckers E. **On the stop band adaptivity range of locally resonant metamaterial resonators with piezoelectric patches: a case study** [Internet]. Proceedings. 2024 ; Available from: <https://repositorio.usp.br/directbitstream/f3f5088c-eb24-42f2-89da-1585e65f6e2e/artigo.pdf>

Pinheiro JMH, Becker M. **Breast cancer classification using gradient boosting algorithms focusing on reducing the false negative and SHAP for explainability** [Internet]. Inteligencia Artificial. 2024 ; 28(75): 63-80. Available from: <http://dx.doi.org/10.4114/intartif.vol28iss75pp63-80>

Coda HB. **A Flory's only framework for rate-dependent viscoelastoplasticity at large strains** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2024 ; 47(20): Available from: <http://dx.doi.org/10.1007/s40430-024-05281-3>

Vrouwenvelder T, Beck AT, Proske D, Faber M, Köhler J, Schubert M, Straub D, Teichgräber M. **Interpretation of probability in structural safety: a philosophical conundrum** [Internet]. Structural Safety. 2025 ; 113. Available from: <http://dx.doi.org/10.1016/j.strusafe.2024.102473>

McGuigan KG, Khan W, Dhodapkar R, Sabogal-Paz LP, Giannakis S, Fatta-Kassinos D. **Sustainable water treatment technologies for use in resource-poor environments** [Internet]. Journal of Environmental Chemical Engineering. 2025 ; 13(1): Available from: <http://dx.doi.org/10.1016/j.jece.2024.113649>

Bueno BE, Brito ALM, Rea VSG, Kurnianto RW, Zaiat M, van Lier JB. **Anaerobic membrane bioreactor (AnMBR) with external ultrafiltration membrane for the treatment of sugar beet vinasse** [Internet]. Frontiers in Bioengineering and Biotechnology. 2024 ; 12 Available from: <http://dx.doi.org/10.3389/fbioe.2024.1491974>

Maharjan R, Thapa A, Rajbhandari P, Faccio D, Martins ER, Krauss TF, Dhakal A. **A case for optics-based microbial risk assessment of potable water** [Internet]. Proceedings. 2024 ; Available from: http://dx.doi.org/10.1364/CLEO_AT.2024.ATu4A.2

Angelis VS de, Dorrah AH, Sarro JO de, Ambrosio LA, Zamboni-Rached M, Capasso F. **Curved light sheets for 3D holography and volumetric displays** [Internet]. Proceedings. 2024 ; Available from: http://dx.doi.org/10.1364/CLEO_FS.2024.FF1J.2

Oliveira AP, Ferreira T, Coelho RT, Bolfarini C, Gargarella P. **Effect of building direction and heat treatment on the wear behavior of H13 tool steel processed by laser powder bed fusion** [Internet]. Journal of Materials Research and Technology. 2024 ; no 1 9802-9810. Available from: <http://dx.doi.org/10.1016/j.jmrt.2024.12.012>

Ramos ACR, Melo CAP, Álvarez-Briceño R, Oliveira LPR de. **Kalman-based force identification applied to vibration transfer path analysis** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2025 ; 47(4): Available from: <http://dx.doi.org/10.1016/10.1007/s40430-024-05313-y>.

Boz E, Pinto ARF, Nagano MS. **Optimizing logistics efficiency: an integrated approach to joint zone picking, order batching, and vehicle routing with time windows** [Internet]. Soft Computing : a fusion of foundations, methodologies and applications. 2024 ; 28 12763–12786. Available from: <http://dx.doi.org/10.1007/s00500-024-10363-4>

Pires ÊH, Barreto Netto JV, Ribeiro ML. **Raw dataset of tensile tests in a 3D-printed nylon reinforced with oriented short carbon fibers** [Internet]. Data in Brief. 2024 ; 57. Available from: <http://dx.doi.org/10.1016/j.dib.2024.111149>

Wong V, Aversa A, Rodrigues AR. **A deep learning model for estimating the quality of bimetallic tracks obtained by laser powder-directed energy deposition** [Internet]. Materials. 2024 ; 17(22): Available from: <http://dx.doi.org/10.3390/ma17225653>

Tang S, Shen J, Gouesbet G, Ambrosio LA. **On radial quadrature method applied to spherical wave expansion of Gaussian beams** [Internet]. Journal of Quantitative Spectroscopy and Radiative Transfer. 2025 ; 332. Available from: <http://dx.doi.org/10.1016/j.jqsrt.2024.109290>

Masili M, Duarte FO, Ventura L. **Evaluation of solar ultraviolet blocking by sunglasses and their compliance with recommended safety limits** [Internet]. Research on Biomedical Engineering. 2025 ; 41(5): Available from: <http://dx.doi.org/10.1007/s42600-024-00390-3>

Soares ÁKM, Rodrigues VGS. **Recent advances on microplastics and nanoplastics impacts to the United Nations' Sustainable Development Goal 2—Zero Hunger: a systematic review** [Internet]. Water, Air and Soil Pollution: an international journal of environmental pollution. 2024 ; 235(802): Available from: <http://dx.doi.org/10.1007/s11270-024-07590-8>

Leite VMC, Salomão R, Cardoso GLB, Ortega FS, Oliveira IR. **Characterization of microporous ceramics based on calcium hexaluminate "in situ" produced by direct molding** [Internet]. Materials Research: revista ibero-americana de materiais. 2024 ; 27. Available from: <http://dx.doi.org/10.1590/1980-5373-MR-2024-0211>

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>

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>

Oliveira ABR de, Schalch V. **Evaluation of Geobacillus stearothermophilus inactivation in a healthcare waste treatment by autoclaving** [Internet]. International Journal of Environment and Waste Management. 2024 ; 35(3): 363-377. Available from: <http://dx.doi.org/10.1504/IJEW.2024.142505>

Camacho EAR, Silva ARR, Marques FD. **Mitigating dynamic stall with a movable leading-edge: the NACA0012-1K30 wing** [Internet]. Proceedings. 2024 ; Available from: https://repositorio.usp.br/directbitstream/8eedf42a-b8a2-445f-9ead-f598734f1a02/icas2024_0595_paper.pdf

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>

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>

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>

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>

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>

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

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>

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>

Baptistella VEC, Guo Z, Lee M, Ribatski G, Suzuki Y. **Development of a sensor for liquid film thickness measurements during annular flow in microchannels** [Internet]. Experiments in Fluids. 2024 ; 65(161): Available from: <http://dx.doi.org/10.1007/s00348-024-03902-0>

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>

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.[citado 2025 jan. 15] Available from: <https://dx.doi.org/10.1007/s11356-024-35345-9>

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>

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>

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>

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>

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>

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>

Ramos ACR, Melo CAP, Álvarez-Briceño R, Oliveira LPR de. **Kalman-based force identification applied to vibration transfer path analysis** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2025 ; 47(4): Available from: <http://dx.doi.org/10.1016/10.1007/s40430-024-05313-y>.

Baptistella VEC, Guo Z, Lee M, Ribatski G, Suzuki Y. **Development of a sensor for liquid film thickness measurements during annular flow in microchannels** [Internet]. Experiments in Fluids. 2024 ; 65(161): Available from: <http://dx.doi.org/10.1007/s00348-024-03902-0>

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>

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>

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>

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>

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 ; [citado 2025 jan. 17] Available from: <https://dx.doi.org/10.1109/PESGM51994.2024.10688481>

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>

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>

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>



Davi MJBB, Oleskovicz M, Lopes FV. **Recommendations and insights on the performance of conventional fault detection and classification methods applied to onshore wind farm collectors** [Internet]. Proceedings. 2024 ; Available from: <http://dx.doi.org/10.1109/ICHQP61174.2024.10768772>

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>

Souza MI de O, Santos NM, Alarcon JC, Varanda LC, Pepino VM, Borges B-HV. **Microwave glucose sensing using double circular split ring resonators for improved sensitivity: the role of artificial blood plasma and deionized water** [Internet]. IEEE Sensors Journal. 2024 ; Available from: https://repositorio.usp.br/directbitstream/fdbec14a-170e-4ae0-9edc-854f63fde003/Microwave_Glucose_Sensing_Using_Double_Circular_Split_Ring_Resonators_for_Improved_Sensitivity_The_Role_of_Artificial_Blood_Plasma_and_Deionized_Water.pdf



Dezembro de 2024.

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>

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>

Anjoletto TP, Sousa DES de, Santos FV dos, Branciforti MC. **Mechanical and tribological characterization of polyamide 66/graphite nanocomposites** [Internet]. *Results in Surfaces and Interfaces*. 2025 ; 18; Available from: <http://dx.doi.org/10.1016/j.rsurfi.2024.100367>

Ballarin AS, Oliveira PTS, Uchôa JGSM, Lima CHR, Zaerpour M, Godoy MRV, Meira Neto AA, Papalexiou SM, Wendland EC. **Escalating threat of human-perceived heatwaves in Brazil** [Internet]. *Environmental Research Communications*. 2024 ; no 2024.(11): Available from: <http://dx.doi.org/10.1088/2515-7620/ad9140>

Bueno BE, Brito ALM, Rea VSG, Kurnianto RW, Zaiat M, van Lier JB. **Anaerobic membrane bioreactor (AnMBR) with external ultrafiltration membrane for the treatment of sugar beet vinasse** [Internet]. *Frontiers in Bioengineering and Biotechnology*. 2024 ; 12 Available from: <http://dx.doi.org/10.3389/fbioe.2024.1491974>

Bueno BE, Brito ALM, Rea VSG, Kurnianto RW, Zaiat M, van Lier JB. **Anaerobic membrane bioreactor (AnMBR) with external ultrafiltration membrane for the treatment of sugar beet vinasse** [Internet]. *Frontiers in Bioengineering and Biotechnology*. 2024 ; 12. Available from: <http://dx.doi.org/10.3389/fbioe.2024.1491974>

Bueno BE, Rea VSG, Saia FT, Gregoracci GB, Dacanal GC, van Lier JB, Zaiat M. **Treatment of sugarcane vinasse in AnMBR and UASB: process performance and microbial community comparison** [Internet]. *Frontiers in Bioengineering and Biotechnology*. 2024 ; 12 Available from: <http://dx.doi.org/10.1016/10.3389/fbioe.2024.1489807>.

Bueno BE, Rea VSG, Saia FT, Gregoracci GB, Dacanal GC, van Lier JB, Zaiat M. **Treatment of sugarcane vinasse in AnMBR and UASB: process performance and microbial community comparison** [Internet]. *Frontiers in Bioengineering and Biotechnology*. 2024 ; 12 Available from: <http://dx.doi.org/10.1016/10.3389/fbioe.2024.1489807>.

Chaves HP, Branco Filho T de CT, Marques RC, Malheiros TF. **Performance evaluation of water supply service providers: a review with a focus on Brazil** [Internet]. *Water Supply*. 2024 ; 24(9): 3118-3131. Available from: <http://dx.doi.org/10.2166/ws.2024.198>

Chaves HP, Branco Filho T de CT, Marques RC, Malheiros TF. **Performance evaluation of water supply service providers: a review with a focus on Brazil** [Internet]. *Water Supply*. 2024 ; 24(9): 3118-3131. Available from: <http://dx.doi.org/10.2166/ws.2024.198>

Davi MJBB, Oleskovicz M, Lopes FV. **An integrated fault detection, classification, and region identification methodology applied to onshore wind farm collector systems** [Internet]. *IEEE Access*. 2024 ; 12. Available from: <http://dx.doi.org/10.1109/ACCESS.2024.3508575>

- 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>
- 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>
- 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>
- Leal AB, Souza Filho HN de, Zanon LG, Sigahi TFAC, Rampasso IS, Anholon R. **Selection of photovoltaic panels for floating systems: an analysis based on Entropy, CRITIC and TOPSIS** [Internet]. International Journal of Sustainable Engineering. 2024 ; 17(1): 1173–1185. Available from: <http://dx.doi.org/10.1080/19397038.2024.2438671>
- Leite VMC, Salomão R, Cardoso GLB, Ortega FS, Oliveira IR. **Characterization of microporous ceramics based on calcium hexaluminate "in situ" produced by direct molding** [Internet]. Materials Research: revista ibero-americana de materiais. 2024 ; 27. Available from: <http://dx.doi.org/10.1590/1980-5373-MR-2024-0211>
- 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>
- 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>
- 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>
- Oliveira AP, Ferreira T, Coelho RT, Bolfarini C, Gargarella P. **Effect of building direction and heat treatment on the wear behavior of H13 tool steel processed by laser powder bed fusion** [Internet]. Journal of Materials Research and Technology. 2024 ; no 1 9802-9810. Available from: <http://dx.doi.org/10.1016/j.jmrt.2024.12.012>
- Oliveira AP, Ferreira T, Coelho RT, Bolfarini C, Gargarella P. **Effect of building direction and heat treatment on the wear behavior of H13 tool steel processed by laser powder bed fusion** [Internet]. Journal of Materials Research and Technology. 2024 ; no 1 9802-9810. Available from: <http://dx.doi.org/10.1016/j.jmrt.2024.12.012>
- 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>
- 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>
- Pinheiro JMH, Becker M. **Breast cancer classification using gradient boosting algorithms focusing on reducing the false negative and SHAP for explainability** [Internet]. Inteligencia Artificial. 2024 ; 28(75): 63-80. Available from: <http://dx.doi.org/10.4114/intartif.vol28iss75pp63-80>

Pires ÊH, Barreto Netto JV, Ribeiro ML. **Raw dataset of tensile tests in a 3D-printed nylon reinforced with oriented short carbon fibers** [Internet]. Data in Brief. 2024 ; 57. Available from: <http://dx.doi.org/10.1016/j.dib.2024.111149>

Pires ÊH, Barreto Netto JV, Ribeiro ML. **Raw dataset of tensile tests in a 3D-printed nylon reinforced with oriented short carbon fibers** [Internet]. Data in Brief. 2024 ; 57 Available from: <http://dx.doi.org/10.1016/j.dib.2024.111149>

Santos JC dos, Silva R da, Christoforo AL, Freire RTS, Tarpani JR, Scarpa F, Panzera TH. **Impact performance of egg-box core sandwich panels made from sisal fibers and castor-oil-based polymer** [Internet]. Polymer Composites. 2024 ; Available from: <http://dx.doi.org/10.1002/pc.29123>

Santos JC dos, Silva R da, Christoforo AL, Freire RTS, Tarpani JR, Scarpa F, Panzera TH. **Impact performance of egg-box core sandwich panels made from sisal fibers and castor-oil-based polymer** [Internet]. Polymer Composites. 2024 ;[citado 2025 jan. 20] Available from: <http://dx.doi.org/10.1002/pc.29123>

Silva MM da, Silveira RMF, Cruz GG da, Azevedo KAM de, Bittar CMM, Silva IJO da. **Acoustic-based models to assess herd-level calves emotion: A machine learning approach** [Internet]. Smart Agricultural Technology. 2024 ; 9 1-11 Available from: <https://doi.org/10.1016/j.atech.2024.100682>

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 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>

Souza MI de O, Santos NM, Alarcon JC, Varanda LC, Pepino VM, Borges B-HV. **Microwave glucose sensing using double circular split ring resonators for improved sensitivity: the role of artificial blood plasma and deionized water** [Internet]. IEEE Sensors Journal. 2024 ; Available from: https://repositorio.usp.br/directbitstream/fdbec14a-170e-4ae0-9edc-854f63fde003/Microwave_Glucose_Sensing_Using_Double_Circular_Split_Ring_Resonators_for_Improved_Sensitivity_The_Role_of_Artificial_Blood_Plasma_and_Deionized_Water.pdf

Souza MI de O, Santos NM, Alarcon JC, Varanda LC, Pepino VM, Borges B-HV. **Microwave glucose sensing using double circular split ring resonators for improved sensitivity: the role of artificial blood plasma and deionized water** [Internet]. IEEE Sensors Journal. 2024 ; Available from: https://repositorio.usp.br/directbitstream/fdbec14a-170e-4ae0-9edc-854f63fde003/Microwave_Glucose_Sensing_Using_Double_Circular_Split_Ring_Resonators_for_Improved_Sensitivity_The_Role_of_Artificial_Blood_Plasma_and_Deionized_Water.pdf

Tsukahara VHB, Oliveira Júnior JN de, Prizon T, Ruggiero RN, Maciel CD. **The time lag in local field potential signals for the development of its Bayesian belief network** [Internet]. Eurasip Journal on Advances in Signal Processing. 2024 ; 87 Available from: <http://dx.doi.org/10.1186/s13634-024-01165-9>

Tsukahara VHB, Oliveira Júnior JN de, Prizon T, Ruggiero RN, Maciel CD. **The time lag in local field potential signals for the development of its Bayesian belief network** [Internet]. Eurasip Journal on Advances in Signal Processing. 2024 ; 87 Available from: <http://dx.doi.org/10.1186/s13634-024-01165-9>

Vasco G, Miranda R de Q, Viana JF de S, Bressiani D, Mendiondo EM, Silva RM da, Galvíncio JD, Silva SF da, Montenegro SMGL. **Multi-model ensemble for long-term statistical trend analysis of observed gridded precipitation and temperature data in the São Francisco River Basin, Brazil** [Internet].

RBRH : Revista Brasileira de Recursos Hídricos. 2024 ; 29(e37): Available from: <http://dx.doi.org/10.1590/2318-0331.292420240042>

Wong V, Aversa A, Rodrigues AR. **A deep learning model for estimating the quality of bimetallic tracks obtained by laser powder-directed energy deposition** [Internet]. Materials. 2024 ; 17(22): Available from: <http://dx.doi.org/10.3390/ma17225653>

Wong V, Aversa A, Rodrigues AR. **A deep learning model for estimating the quality of bimetallic tracks obtained by laser powder-directed energy deposition** [Internet]. Materials. 2024 ; 17(22): Available from: <http://dx.doi.org/10.3390/ma17225653>



Dezembro de 2024.

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

TESES E DISSERTAÇÕES

LIMA, Daniel Ferreira. **Metodologias para regulação de tensão em sistemas de distribuição na presença de recursos energéticos distribuídos**. 2024. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2024. Disponível em: <https://www.teses.usp.br/teses/disponiveis/18/18154/tde-26112024-153540/>

MORAIS, Mateus Mota. **Fabrication of sintered calcium carbonate parts with multiscale porosity**: producing artificial rocks for petrophysical studies and other applications. 2024. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2024. Disponível em: <https://www.teses.usp.br/teses/disponiveis/18/18163/tde-29112024-103047/>



Dezembro/2024