

BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

TESES E DISSERTAÇÕES



ANDRETO, Crislayne Gabriela. **Ionotropic gelcasting of colloidal silica-alumina-sodium alginate multifunctional macrospheres**. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18158/tde-19052026-091537/>

CARVALHO, Thiago Rodrigues. **Análise numérica de interação fluido-estrutura com escoamentos multifásicos**: uma abordagem monolítica em descrição Lagrangiana. 2025. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2025. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18134/tde-06052026-155336/>

CRUZ, Matheus Fernando da. **Parcerias e efetividade em unidades de conservação**: o caso dos acordos de cooperação entre ICMBio e Fundação SOS Mata Atlântica. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18139/tde-06052026-105250/>

FAGUNDES, Thales Augusto. **Redundancy-based microgrid**: an energy management system approach, voltage secondary recovery, and alternative sources optimization under real-time pricing. 2025. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2025. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18153/tde-19052026-102839/>

FERRARES, Victor Gouveia. **Estudo teórico-experimental de escoamento interno de dióxido de carbono supercrítico com transferência de calor**. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18164/tde-05052026-165943/>

ISCUISSATI, Rodrigo de Barros. **Métodos baseados em zonas de não detecção para análise da falha da proteção anti-ilhamento de geração distribuída baseada em inversores operando com funções de suporte de rede**. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18154/tde-19052026-163235/>

LEME, Pedro Bampa. **Numerical analysis of tribocorrosion in bellmouth structures**: development and application of a finite element-based model. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18161/tde-06052026-085334/>

LIZANO, Kelly Lucas. **Thermoplastic starch retrogradation and plasticized cellulose starch materials prepared by dissolution and regeneration process**. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18158/tde-21052026-101442/>

MELO, César Abrahão Pereira. **Aerodynamic noise in distributed electric propulsion rotor-wing systems investigated using experimental and numerical methods**. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18162/tde-07052026-101521/>

NASCIMENTO, Rafael Dias do. **Aplicação experimental do método inverso autorregressivo com entradas exógenas (IARX) para estimativa de função em problemas inversos de condução de calor**. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18164/tde-12052026-104123/>

OLIVEIRA, Daniel Bezerra de. **Modelo elastoplástico em grandes deformações com variação volumétrica**: espumas metálicas e poliméricas. 2025. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2025. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18134/tde-06052026-143523/>

SILVA, Anna Gabriela Viana da. **Estudo de tratamentos para remoção do odor de lignina kraft**. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18158/tde-21052026-094152/>

SILVA, Bruna Ragassi Pereira da. **Viabilidade operacional e eficiência energética da codigestão de glicerol residual e esgoto doméstico em reator UASB de ETE**. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18138/tde-19052026-111128/>

TÁBOAS, André Giudici. **Desenvolvimento de cateteres ureterais do tipo "duplo-J" biorreabsorvíveis para aplicações médico-veterinárias com auxílio reversa**. 2026. Dissertação (Mestrado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18158/tde-12052026-084307/>

TELES, Daniel Victor da Cunha. **Contribuições para a mecânica do dano concentrado expandida**: uma formulação geometricamente exata. 2026. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2026. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18134/tde-12052026-155256/>

ZILLI, Bruno Meneghel. **Paralelismo de inversores multifuncionais operando com compartilhamento de energia e mitigação de harmônicas**. 2024. Tese (Doutorado) – Universidade de São Paulo, São Carlos, 2024. Disponível em: <https://teses.usp.br/teses/disponiveis/18/18153/tde-19052026-161333/>



BIBLIOTECA

Prof. Dr. Sérgio Rodrigues Fontes

TRABALHOS ACADÊMICOS

FONTES, Thiago Miguel Gonçalves. **Utilização de lâmpadas LED com sensores LDR e controle PWM para ajuste automático da intensidade luminosa em ambientes diversos.** 2025. Trabalho de Conclusão de Curso (Graduação) – Escola de Engenharia de São Carlos, Universidade de São Paulo, São Carlos, 2025. Disponível em: https://bdta.abcd.usp.br/directbitstream/61e4cf87-6679-4a1e-9c62-9fd6c273163e/TCC_FontesThiagoMiguelGoncalves

LANCINI , Sophia Carvalho. **Projeto de theremin.** 2020. Trabalho de Conclusão de Curso (Graduação) – Escola de Engenharia de São Carlos, Universidade de São Paulo, São Carlos, 2020. Disponível em: https://bdta.abcd.usp.br/directbitstream/8c77fc44-cfd6-453e-9ec8-cd95e230d430/Lancini_Sophia_Carvalho.pdf.

Alves Junior A, Coury DV, Fernandes RAS. **Design and performance assessment of a virtualized IED for digital substations** [Internet]. IEEE Access. 2026 ; 14 78110-78121. Available from: <https://dx.doi.org/10.1109/ACCESS.2026.3694865>

Esperança TPS, Fernandes TC da C, Geraldi Junior EL, Lage GG, Eustaquio GP, Ramos RA. **Rotor speed estimation of synchronous generators based on PMU data and tuning of linearized swing equation coefficients** [Internet]. IEEE Open Access Journal of Power and Energy. 2026 ; 13 379-390. Available from: <http://dx.doi.org/10.1109/OAJPE.2026.3693530>

Sagawa JK, Mušič G. **Intelligent manufacturing: simulating a discretecontinuous model with feedback control** [Internet]. Proceedings. 2026 ; Available from: <http://dx.doi.org/10.1109/AAIML67890.2026.11498148>

Silva LJR, Campos MVR, Fagundes TA, Schutz DR, Neves RVA, Machado RQ, Oliveira VA de. **Economic optimization of a real-time cluster-based consensus framework for SoC balancing in a DC microgrid** [Internet]. IEEE Transactions on Industrial Informatics. 2026 ; 1-12. Available from: <http://dx.doi.org/10.1109/TII.2026.3687412>



Maio de 2026

Alvarenga CG de, Beck AT. **Performance-based assessment of RC columns subjected to close-in explosions: an application to the ATM bombing threat** [Internet]. Structures. 2026 ; 88 1-16. Available from: <http://dx.doi.org/10.1016/j.istruc.2026.111940>

Alves Junior A, Coury DV, Fernandes RAS. **Design and performance assessment of a virtualized IED for digital substations** [Internet]. IEEE Access. 2026 ; 14 78110-78121. Available from: <https://dx.doi.org/10.1109/ACCESS.2026.3694865>

Andreto CG, Prado ACR do, Fernandes L, Salomão R. **Microstructure evolution and physical properties of porous colloidal silica-sodium alginate spheres produced by ionotropic gelcasting** [Internet]. Ceramics International. 2026 ; 52(15): 29292-29303. Available from: <http://dx.doi.org/10.1016/j.ceramint.2026.05.009>

Assis CLF de, Baberge IM, Rodrigues AR, Fortulan CA, Coelho RT, Catalucci S, Savio E. **Topology-driven dimensional stability of micro-milled structures on Laser Directed Energy Deposition (L-DED) Inconel 718 after precipitation hardening** [Internet]. International Journal of Advanced Manufacturing Technology. 2026 ; 1-15. Available from: <http://dx.doi.org/10.1007/s00170-026-18259-3>

Barros CLMI, Barbosa A, Teloli R de O, Kacem N, Bouhaddi N, Varoto PS. **Physics-augmented neural networks for predicting nonlinear vibration energy harvesters** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2026 ; 48 1-21. Available from: <http://dx.doi.org/10.1007/s40430-026-06383-w>

Bertolini M da S, Moraes CAG de, Reis ED, Pizza JVB, Lahr FAR, Christoforo AL. **Painéis de resíduos madeireiros em composições termoacústicas** [Internet]. Revista Matéria. 2026 ; 31 1-19. Available from: <http://dx.doi.org/10.1590/1517-7076-RMAT-2025-1034>

Calvetty Ayllón JA, Gücker B, Cunha DGF. **Riparian restoration improves physical habitat but not ecosystem functioning to reference levels in urban neotropical streams** [Internet]. International Review of Hydrobiology. 2026 ; 111(1): 1-14.[citado 2026 jun. 15] Available from: <https://dx.doi.org/10.1002/iroh.70036>

Dornelles H de S, Giin-Yu AT, Lam TYC, Beirns E, Adorno MAT, Sabatini CA, Ustra AT, Silva EL, Varesche MBA, Po-Heng L. **Direct interspecies electron transfer mediated by magnetotactic bacteria** [Internet]. Environmental Technology & Innovation. 2026 ; 42 1-14. Available from: <http://dx.doi.org/10.1016/j.eti.2026.10496>

Esperança TPS, Fernandes TC da C, Geraldi Junior EL, Lage GG, Eustaquio GP, Ramos RA. **Rotor speed estimation of synchronous generators based on PMU data and tuning of linearized swing equation coefficients** [Internet]. IEEE Open Access Journal of Power and Energy. 2026 ; 13 379-390. Available from: <http://dx.doi.org/10.1109/OAJPE.2026.3693530>

Facure MHM, Mercante LA, Corrêa DS. **MXenes: síntese, propriedades e aplicações de carbeto e nitreto de metais de transição** [Internet]. Revista Virtual de Química. 2026 ; 18(2): 166-191. Available from: <https://dx.doi.org/10.21577/1984-6835.20250067>

- Furukawa MN, Malite M. **Performance of baseplate connections in steel storage rack systems: an experimental and theoretical study** [Internet]. Structures. 2026 ; 88 1-15. Available from: <http://dx.doi.org/10.1016/j.istruc.2026.111954>
- Louro TV, Geurs KT, Grigolon AB, Cunha ALBN da. **Cycling accessibility and equity: a systematic literature review** [Internet]. Transport Reviews. 2026 ; 1-24. Available from: <http://dx.doi.org/10.1080/01441647.2026.2664409>
- Magalhães AOBF de, Cabañas Navarro F, Ribeiro RP, Lima JZ. **Innovation and sustainable tailing management: technological and mineralogical characterization of rock powder from the São Paulo aggregate industry for potential reuse** [Internet]. Sustainability. 2026 ; 18(8): 1-16. Available from: <https://dx.doi.org/10.3390/su18083932>
- Momeni S, Gargarella P, Rodrigues AR, Jasinevicius RG. **Fabrication of thin-walled Inconel 718 microchannels by LP-DED: influence of deposition strategy on geometric fidelity, surface texture, and post-processing feasibility via hybrid manufacturing** [Internet]. International Journal of Advanced Manufacturing Technology. 2026 ; 1-24. Available from: <http://dx.doi.org/10.1007/s00170-026-18255-7>
- Oliveira Junior ME de, Nascimento AF do, Carneiro EA, Bertrand GF, Jorge LA de C, Cobalchini ÉRO, Wendland EC, Borges VP, Melo D de CD. **Modeling sugar cane evapotranspiration using UAV thermal and multispectral images in northeOast Brazil** [Internet]. Frontiers in Food Science and Technology. 2026 ; 8 1-21. Available from: <https://dx.doi.org/10.3390/agriengineering8040149>
- Rojas Perilla DA, Ferreira MOA, Wolf W, Moreto JA, Silva EJ da. **Corrosion behaviour of IN718 alloy produced by laser beam directed energy deposition (DED-LB) additive manufacturing in sodium chloride solution** [Internet]. Materials Letters. 2026 ; 416 1-6. Available from: <http://dx.doi.org/10.1016/j.matlet.2026.140737>
- Sanvezzo PB, Friozi DWV, Oliveira V de, Branciforti MC. **Zein-based adhesives: sustainable extraction and application in bioadhesive technologies** [Internet]. Advanced Engineering materials. 2026 ; 28(10): 1-10. Available from: <https://dx.doi.org/10.1002/adem.202502397>
- Schmidt CS, Janssen S, Oliveira LPR de, Deckers E, De Marqui Júnior C. **Sound directivity control in piezoelectric metamaterial plates via mode tailoring** [Internet]. International Journal of Mechanical Sciences. 2026 ; 322 1-15. Available from: <https://dx.doi.org/10.1016/j.ijmecsci.2026.111664>
- Silva JVF, Santos TO dos, Molina JC. **Laminated bamboo lumber beams: an evaluation of structural behavior and bonding quality** [Internet]. Maderas: Ciencia y tecnología. 2026 ; 28 1-22. Available from: <http://dx.doi.org/10.22320/s0718221x/2026.13>
- Silva LJR, Campos MVR, Fagundes TA, Schutz DR, Neves RVA, Machado RQ, Oliveira VA de. **Economic optimization of a real-time cluster-based consensus framework for SoC balancing in a DC microgrid** [Internet]. IEEE Transactions on Industrial Informatics. 2026 ; 1-12. Available from: <http://dx.doi.org/10.1109/TII.2026.3687412>
- Soares LMV, Fernandes T, Silva TF das G, Rinke K, Calijuri M do C. **Connected reservoirs: modeling aquatic ecosystems along a cascade system in Brazil** [Internet]. Limnology and Oceanography Letters. 2026 ; 11(4): 1-8. Available from: <https://dx.doi.org/10.1002/lol2.70122>

Takeda PY, Paula CT, Borges A do V, Cantarelli JCP, Nogueira EW, Dias MES, Damianovic MHRZ. **Insights into the implementation of partial denitrification-anammox in actual municipal wastewater: a comparison of two strategies** [Internet]. ACS Omega. 2026 ; 11(18): 26356-26367. Available from: <https://dx.doi.org/10.1021/acsomega.5c11568>

Vargas SR, Santos J de L, Ribeiro PHF, Alcântara IM, Carneiro RB, Zaiat M. **Different strains of microalgae in a microbial consortium remove antibiotics from urban wastewater in batch and continuous treatment systems** [Internet]. ACS Omega. 2026 ; 11(18): 27635-27647. Available from: <https://dx.doi.org/10.1021/acsomega.6c02775>



Maio de 2026.

Acuña Alegría LF, Ortiz Vidal LE, Hernandez Rodriguez OM. **Frequency-dependent excitation mechanisms in two-phase flow-induced vibrations of a horizontal pipe with an internal restriction** [Internet]. International Journal of Heat and Fluid Flow. 2026 ; 121 1-7. Available from: <http://dx.doi.org/10.1016/j.ijheatfluidflow.2026.110451>

Alvarenga CG de, Beck AT. **Performance-based assessment of RC columns subjected to close-in explosions: an application to the ATM bombing threat** [Internet]. Structures. 2026 ; 88 1-16. Available from: <http://dx.doi.org/10.1016/j.istruc.2026.111940>

Andreto CG, Prado ACR do, Fernandes L, Salomão R. **Microstructure evolution and physical properties of porous colloidal silica-sodium alginate spheres produced by ionotropic gelcasting** [Internet]. Ceramics International. 2026 ; 52(15): 29292-29303. Available from: <http://dx.doi.org/10.1016/j.ceramint.2026.05.009>

Assis CLF de, Baberge IM, Rodrigues AR, Fortulan CA, Coelho RT, Catalucci S, Savio E. **Topology-driven dimensional stability of micro-milled structures on Laser Directed Energy Deposition (L-DED) Inconel 718 after precipitation hardening** [Internet]. International Journal of Advanced Manufacturing Technology. 2026 ; 1-15. Available from: <http://dx.doi.org/10.1007/s00170-026-18259-3>

Aurich JC, Krajnik P, Yamaguchi H, Silva EJ da, Platz J. **Abrasive finishing of additively manufactured components** [Internet]. CIRP Annals - Manufacturing Technology. 2026 ; 1-27. [citado 2026 jun. 15] Available from: <http://dx.doi.org/10.1016/j.cirp.2026.04.111>

Barros CLMI, Barbosa A, Teloli R de O, Kacem N, Bouhaddi N, Varoto PS. **Physics-augmented neural networks for predicting nonlinear vibration energy harvesters** [Internet]. Journal of the Brazilian Society of Mechanical Sciences and Engineering. 2026 ; 48 1-21. Available from: <http://dx.doi.org/10.1007/s40430-026-06383-w>

Bomfim DS, Coda HB, Paccola RR. **An educational software for nonlinear analysis of truss structures using a position-based FEM formulation** [Internet]. Computer Applications in Engineering Education. 2026 ; 34(3): 1-27. Available from: <http://dx.doi.org/10.1002/cae.70203>

Calvetty Ayllón JA, Gücker B, Cunha DGF. **Riparian restoration improves physical habitat but not ecosystem functioning to reference levels in urban neotropical streams** [Internet]. International Review of Hydrobiology. 2026 ; 111(1): 1-14.[citado 2026 jun. 15] Available from: <https://dx.doi.org/10.1002/iroh.70036>

Dornelles H de S, Giin-Yu AT, Lam TYC, Beirns E, Adorno MAT, Sabatini CA, Ustra AT, Silva EL, Varesche MBA, Po-Heng L. **Direct interspecies electron transfer mediated by magnetotactic bacteria** [Internet]. Environmental Technology & Innovation. 2026 ; 42 1-14. Available from: <http://dx.doi.org/10.1016/j.eti.2026.104968>

Facure MHM, Mercante LA, Corrêa DS. **MXenes: síntese, propriedades e aplicações de carbeto e nitreto de metais de transição** [Internet]. Revista Virtual de Química. 2026 ; 18(2): 166-191. Available from: <https://dx.doi.org/10.21577/1984-6835.20250067>

- Furukawa MN, Malite M. **Performance of baseplate connections in steel storage rack systems: an experimental and theoretical study** [Internet]. Structures. 2026 ; 88 1-15. Available from: <http://dx.doi.org/10.1016/j.istruc.2026.111954>
- Janssen S, Schimidt CS, Oliveira LPR de, De Marqui Júnior C, Claeys C, Deckers E. **Tunable noise and vibration reduction on an A3-sized piezoelectric metamaterial panel: modeling and experimental validation** [Internet]. Mechanical Systems and Signal Processing. 2026 ; 254 1-16. Available from: <http://dx.doi.org/10.1016/j.ymssp.2026.11434>
- Louro TV, Geurs KT, Grigolon AB, Cunha ALBN da. **Cycling accessibility and equity: a systematic literature review** [Internet]. Transport Reviews. 2026 ; 1-24. Available from: <http://dx.doi.org/10.1080/01441647.2026.2664409>
- Magalhães AOB de, Cabañas Navarro F, Ribeiro RP, Lima JZ. **Innovation and sustainable tailing management: technological and mineralogical characterization of rock powder from the São Paulo aggregate industry for potential reuse** [Internet]. Sustainability. 2026 ; 18(8): 1-16. Available from: <https://dx.doi.org/10.3390/su18083932>
- Marchetto DB, Maccari H, Foldi A, Ribatski G. **Flow boiling of R600a and R134a in smooth and micro-finned horizontal U-bend tubes** [Internet]. Applied Thermal Engineering. 2026 ; 300 1-22. Available from: <http://dx.doi.org/10.1016/j.applthermaleng.2026.131413>
- Momeni S, Gargarella P, Rodrigues AR, Jasinevicius RG. **Fabrication of thin-walled Inconel 718 microchannels by LP-DED: influence of deposition strategy on geometric fidelity, surface texture, and post-processing feasibility via hybrid manufacturing** [Internet]. International Journal of Advanced Manufacturing Technology. 2026 ; 1-24. Available from: <http://dx.doi.org/10.1007/s00170-026-18255-7>
- Oliveira Junior ME de, Nascimento AF do, Carneiro EA, Bertrand GF, Jorge LA de C, Cobalchini ÉRO, Wendland EC, Borges VP, Melo D de CD. **Modeling sugar cane evapotranspiration using UAV thermal and multispectral images in northeOast Brazil** [Internet]. Frontiers in Food Science and Technology. 2026 ; 8 1-21. Available from: <https://dx.doi.org/10.3390/agriengineering8040149>
- Rojas Perilla DA, Ferreira MOA, Wolf W, Moreto JA, Silva EJ da. **Corrosion behaviour of IN718 alloy produced by laser beam directed energy deposition (DED-LB) additive manufacturing in sodium chloride solution** [Internet]. Materials Letters. 2026 ; 416 1-6. Available from: <http://dx.doi.org/10.1016/j.matlet.2026.140737>
- Sanvezzo PB, Friozi DWV, Oliveira V de, Branciforti MC. **Zein-based adhesives: sustainable extraction and application in bioadhesive technologies** [Internet]. Advanced Engineering materials. 2026 ; 28(10): 1-10. Available from: <https://dx.doi.org/10.1002/adem.202502397>
- Schimidt CS, Janssen S, Oliveira LPR de, Deckers E, De Marqui Júnior C. **Sound directivity control in piezoelectric metamaterial plates via mode tailoring** [Internet]. International Journal of Mechanical Sciences. 2026 ; 322 1-15. Available from: <https://dx.doi.org/10.1016/j.ijmecsci.2026.111664>
- Silva JVF, Santos TO dos, Molina JC. **Laminated bamboo lumber beams: an evaluation of structural behavior and bonding quality** [Internet]. Maderas: Ciencia y tecnología. 2026 ; 28 1-22. Available from: <http://dx.doi.org/10.22320/s0718221x/2026.13>

Teixeira RM, Rodrigues CV, Comparato CN, Volpato EL, Grosseli GM, Sakamoto IK, Varesche MBA. **Caffeine removal and degradation in sanitary sewage: insights into microbial shifts and methane yield** [Internet]. Journal of Water Processing Engineering. 2026 ; 88 1-12. Available from: <https://dx.doi.org/10.1016/j.jwpe.2026.110226>



Maio de 2026.

Bertolini M da S, Morais CAG de, Reis ED, Pizza JVB, Lahr FAR, Christoforo AL. **Painéis de resíduos madeireiros em composições termoacústicas** [Internet]. Revista Matéria. 2026 ; 31 1-19. Available from: <http://dx.doi.org/10.1590/1517-7076-RMAT-2025-1034>

Soares LMV, Fernandes T, Silva TF das G, Rinke K, Calijuri M do C. **Connected reservoirs: modeling aquatic ecosystems along a cascade system in Brazil** [Internet]. Limnology and Oceanography Letters. 2026 ; 11(4): 1-8. Available from: <https://dx.doi.org/10.1002/lol2.70122>

Takeda PY, Paula CT, Borges A do V, Cantarelli JCP, Nogueira EW, Dias MES, Damianovic MHRZ. **Insights into the implementation of partial denitrification-anammox in actual municipal wastewater: a comparison of two strategies** [Internet]. ACS Omega. 2026 ; 11(18): 26356-26367. Available from: <https://dx.doi.org/10.1021/acsomega.5c11568>

Vargas SR, Santos J de L, Ribeiro PHF, Alcântara IM, Carneiro RB, Zaiat M. **Different strains of microalgae in a microbial consortium remove antibiotics from urban wastewater in batch and continuous treatment systems** [Internet]. ACS Omega. 2026 ; 11(18): 27635-27647. Available from: <https://dx.doi.org/10.1021/acsomega.6c02775>