

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

151  
citations

1307594

7  
h-index

1199594

12  
g-index

25  
all docs

25  
docs citations

25  
times ranked

180  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Assessing the potential of renewable energy sources (biogas and sludge) in a full-scale UASB-based treatment plant. <i>Renewable Energy</i> , 2018, 124, 21-26.   | 8.9 | 42        |
| 2  | Biogas production from thermophilic anaerobic digestion of kraft pulp mill sludge. <i>Renewable Energy</i> , 2018, 124, 40-49.  | 8.9 | 36        |
| 3  | Energy potential and alternative usages of biogas and sludge from UASB reactors: case study of the Laboreaux wastewater treatment plant. <i>Water Science and Technology</i> , 2016, 73, 1680-1690.   | 2.5 | 19        |
| 4  | Potencial energético e alternativas para o aproveitamento do biogás e lodo de reatores UASB: estudo de caso Estação de tratamento de efluentes Laboreaux (Itabira). <i>Engenharia Sanitaria E Ambiental</i> , 2016, 21, 315-328.                              | 0.5 | 11        |
| 5  | Green coagulants recovering <i>Scenedesmus obliquus</i> : An optimization study. <i>Chemosphere</i> , 2021, 262, 127881.  | 8.2 | 9         |
| 6  | Improving performance and operational control of UASB reactors via proper sludge and scum discharge routines. <i>Water Practice and Technology</i> , 2012, 7, .   | 2.0 | 7         |
| 7  | Mathematical model to predict the energy potential of UASB-based sewage treatment plants. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 73-87.   | 1.3 | 7         |
| 8  | Decentralized management of sewage using septic tanks and anaerobic filters and its potential to comply with required standards in a developing country: a case study in Brazil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50001-50016. | 5.3 | 4         |
| 9  | ENERGY POTENTIAL OF BIOGAS FROM PIG FARMS IN THE STATE OF MINAS GERAIS, BRAZIL. <i>Engenharia Agricola</i> , 2020, 40, 396-404.   | 0.7 | 4         |
| 10 | Scum yield and effectiveness of a hydrostatic removal device: case study of Laboreaux STP. <i>Water Practice and Technology</i> , 2017, 12, 202-210.  | 2.0 | 2         |
| 11 | Comparison of first-order kinetic models for sewage treatment in horizontal subsurface-flow constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , 2020, 42, 1-8.   | 2.2 | 2         |
| 12 | MATHEMATICAL MODELS FOR ESTIMATING METHANE PRODUCTION IN COVERED LAGOON BIODIGESTERS TREATING PIG MANURE. <i>Engenharia Agricola</i> , 2021, 41, 438-448.   | 0.7 | 2         |
| 13 | NOTA TÉCNICA: APROVEITAMENTO ENERGÉTICO DOS SUBPRODUTOS, LODO E BIOGÁS, A PARTIR DO TRATAMENTO ANAERÓBIO DE EFLUENTES PELO USO DE PROCESSOS TERMOQUÍMICOS. <i>Revista Engenharia Na Agricultura - REVENG</i> , 2018, 26, 26-34.                               | 0.2 | 2         |
| 14 | Energy potential of biogas and sludge from UASB reactors in the State of Paraná, Brazil. <i>Revista Ambiente &amp; Água</i> , 2020, 15, 1.  | 0.3 | 1         |
| 15 | Lãtio, dextrana e rodamina na avaliação da hidrodinâmica de sistemas alagados construídos. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 701-710.   | 0.5 | 1         |
| 16 | Study of internal and external temperatures and their influence on covered lagoon digester performance. <i>Biomass and Bioenergy</i> , 2022, 159, 106380.   | 5.7 | 1         |
| 17 | Mudanças Climáticas e seu Impacto na Incidência de Arboviroses: Uma Revisão Sistemática de Estudos Recentes. <i>Revista Brasileira De Geografia Fisica</i> , 2021, 14, 3361-3377.   | 0.1 | 1         |
| 18 | Guazuma ulmifolia: an environmentally friendly coagulant aid for water treatment. <i>Water Science and Technology</i> , 2020, 82, 1579-1585.  | 2.5 | 0         |

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|----|---|-----|-----------|
| 19 | Avaliação das intervenções sistêmicas em um periódico emergente. , 0, , .   |     | 0         |
| 20 | Evaluation of the performance of covered lagoon digester in terms of the solids loading. Revista Engenharia Na Agricultura - REVENG, 0, 29, 12-16.  | 0.2 | 0         |
| 21 | Gestão descentralizada de soluções de esgotamento sanitário no Brasil: aspectos conceituais, normativos e alternativas tecnológicas. Desenvolvimento E Meio Ambiente, 0, 56, .                                      | 0.0 | 0         |
| 22 | Can portable analyzers be reliable for biogas characterization?. Revista Engenharia Na Agricultura - REVENG, 0, 29, .   | 0.2 | 0         |
| 23 | A simple and reliable proposal to determine the technical feasibility of biogas use and the energetic self-sustainability in UASB-based sewage treatment plants. Water Science and Technology, 2021, 83, 3007-3019. | 2.5 | 0         |
| 24 | Performance of two parallel covered lagoon digesters in the treatment of pig farm wastewaters. Revista Engenharia Na Agricultura - REVENG, 0, 29, 286-290.  | 0.2 | 0         |