

David MarÃ-n

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

383
citations

933447

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1125743

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docs citations

14
times ranked

352
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Simultaneous biogas upgrading and centrate treatment in an outdoors pilot scale high rate algal pond. <i>Bioresource Technology</i> , 2017, 232, 133-141. | 9.6 | 84 |
| 2 | Seasonal variation of biogas upgrading coupled with digestate treatment in an outdoors pilot scale algal-bacterial photobioreactor. <i>Bioresource Technology</i> , 2018, 263, 58-66. | 9.6 | 61 |
| 3 | Influence of liquid-to-biogas ratio and alkalinity on the biogas upgrading performance in a demo scale algal-bacterial photobioreactor. <i>Bioresource Technology</i> , 2019, 280, 112-117. | 9.6 | 37 |
| 4 | Influence of the seasonal variation of environmental conditions on biogas upgrading in an outdoors pilot scale high rate algal pond. <i>Bioresource Technology</i> , 2018, 255, 354-358. | 9.6 | 35 |
| 5 | Assessing the potential of purple phototrophic bacteria for the simultaneous treatment of piggery wastewater and upgrading of biogas. <i>Bioresource Technology</i> , 2019, 281, 10-17. | 9.6 | 28 |
| 6 | Innovative operational strategies in photosynthetic biogas upgrading in an outdoors pilot scale algal-bacterial photobioreactor. <i>Chemosphere</i> , 2021, 264, 128470. | 8.2 | 27 |
| 7 | Anaerobic digestion of food waste coupled with biogas upgrading in an outdoors algal-bacterial photobioreactor at pilot scale. <i>Fuel</i> , 2022, 324, 124554. | 6.4 | 21 |
| 8 | Impact of the algal-bacterial community structure, physio-types and biological and environmental interactions on the performance of a high rate algal pond treating biogas and wastewater. <i>Fuel</i> , 2021, 302, 121148. | 6.4 | 17 |
| 9 | Biogas Purification and Upgrading Technologies. <i>Biofuel and Biorefinery Technologies</i> , 2018, , 239-276. | 0.3 | 16 |
| 10 | Influence of the diffuser type and liquid-to-biogas ratio on biogas upgrading performance in an outdoor pilot scale high rate algal pond. <i>Fuel</i> , 2020, 275, 117999. | 6.4 | 16 |
| 11 | Hybrid wastewater treatment system based in a combination of high rate algae pond and vertical constructed wetland system at large scale. <i>Journal of Water Process Engineering</i> , 2021, 43, 102311. | 5.6 | 14 |
| 12 | Optimization of a chemical scrubbing process based on a Fe-EDTA-carbonate based solvent for the simultaneous removal of CO ₂ and H ₂ S from biogas. <i>Journal of Water Process Engineering</i> , 2020, 37, 101476. | 5.6 | 10 |
| 13 | Elucidating the key environmental parameters during the production of ectoines from biogas by mixed methanotrophic consortia. <i>Journal of Environmental Management</i> , 2021, 298, 113462. | 7.8 | 9 |
| 14 | Biogas treatment for H ₂ S, CO ₂ , and other contaminants removal. , 2020, , 153-176. | | 8 |