

David MarÃ-n

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

383
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Innovative operational strategies in photosynthetic biogas upgrading in an outdoors pilot scale algal-bacterial photobioreactor. <i>Chemosphere</i> , 2021, 264, 128470.	8.2	27
3	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
4	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
5	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
6	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
7	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
8	Biogas treatment for H ₂ S, CO ₂ , and other contaminants removal. , 2020, , 153-176.		8
9	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
10	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
11	Biogas Purification and Upgrading Technologies. <i>Biofuel and Biorefinery Technologies</i> , 2018, , 239-276.	0.3	16
12	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
13	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
14	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