

Sai Kishore Butti

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

872
citations

759055

12
h-index

996849

15
g-index

21
all docs

21
docs citations

21
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	A Circular Bioeconomy with Biobased Products from CO ₂ Sequestration. Trends in Biotechnology, 2016, 34, 506-519.	4.9	237
2	Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling. Renewable and Sustainable Energy Reviews, 2016, 53, 462-476.	8.2	180
3	Waste Biorefinery: A New Paradigm for a Sustainable Bioelectro Economy. Trends in Biotechnology, 2016, 34, 852-855.	4.9	95
4	Electrofermentation of food waste “Regulating acidogenesis towards enhanced volatile fatty acids production. Chemical Engineering Journal, 2018, 334, 1709-1718.	6.6	73
5	Acidogenesis driven by hydrogen partial pressure towards bioethanol production through fatty acids reduction. Energy, 2017, 118, 425-434.	4.5	43
6	Phasic availability of terminal electron acceptor on oxygen reduction reaction in microbial fuel cell. Bioresource Technology, 2017, 242, 101-108.	4.8	26
7	Photosynthetic Synergism for Sustained Power Production with Microalgae and Photobacteria in a Biophotovoltaic Cell. Energy & Fuels, 2017, 31, 7635-7644.	2.5	25
8	Spatio-metabolic stratification of anoxic biofilm in prototype bioelectrogenic system. Bioelectrochemistry, 2017, 115, 11-18.	2.4	24
9	Stacking of microbial fuel cells with continuous mode operation for higher bioelectrogenic activity. Bioresource Technology, 2018, 257, 210-216.	4.8	23
10	Microbial Electrochemical Technology. , 2019, , 3-18.		23
11	Microbial mediated desalination for ground water softening with simultaneous power generation. Bioresource Technology, 2017, 242, 28-35.	4.8	21
12	Acidogenic Biorefinery: Food Waste Valorization to Biogas and Platform Chemicals. , 2018, , 203-218.		19
13	Spatial variation of electrode position in bioelectrochemical treatment system: Design consideration for azo dye remediation. Bioresource Technology, 2018, 256, 374-383.	4.8	17
14	Autotrophic biorefinery: dawn of the gaseous carbon feedstock. FEMS Microbiology Letters, 2017, 364, .	0.7	16
15	Algal oils as biodiesel. , 2019, , 287-323.		16
16	Photosynthetic and Lipogenic Response Under Elevated CO ₂ and H ₂ Conditions “High Carbon Uptake and Fatty Acids Unsaturation. Frontiers in Energy Research, 2018, 6, .	1.2	9
17	Electrofermentation. , 2019, , 723-737.		8
18	Self-sustained photocatalytic power generation using eco-electrogenic engineered systems. Bioresource Technology, 2018, 260, 23-29.	4.8	7

#	ARTICLE	IF	CITATIONS
19	Decentralized Urban Farming Through Keyhole Garden: a Case Study with Circular Economy and Regenerative Perspective. <i>Materials Circular Economy</i> , 2020, 2, 1.	1.6	5
20	Metalliferous Waste in India and Knowledge Explosion in Metal Recovery Techniques and Processes for the Prevention of Pollution. , 2016, , 339-390.		4
21	Regulating Bioelectrochemical CO2 Sequestration for Platform Chemicals Production. , 2019, , 797-824.		1