

Gn Nikhil

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

858
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Waste biorefinery models towards sustainable circular bioeconomy: Critical review and future perspectives. <i>Bioresource Technology</i> , 2016, 215, 2-12.	9.6	635
2	Impact of Nitrogen Oxides, Volatile Organic Compounds and Black Carbon on Atmospheric Ozone Levels at a Semi Arid Urban Site in Hyderabad. <i>Aerosol and Air Quality Research</i> , 2012, 12, 662-671.	2.1	49
3	Applied resistance for power generation and energy distribution in microbial fuel cells with rationale for maximum power point. <i>Chemical Engineering Journal</i> , 2018, 335, 267-274.	12.7	47
4	Synergistic yield of dual energy forms through biocatalyzed electrofermentation of waste: Stoichiometric analysis of electron and carbon distribution. <i>Energy</i> , 2015, 88, 281-291.	8.8	43
5	Applied potentials regulate recovery of residual hydrogen from acid-rich effluents: Influence of biocathodic buffer capacity over process performance. <i>Bioresource Technology</i> , 2015, 188, 65-72.	9.6	21
6	Closed circuitry operation influence on microbial electrofermentation: Proton/electron effluxes on electro-fuels productivity. <i>Bioresource Technology</i> , 2015, 195, 37-45.	9.6	15
7	Systematic approach to assess biohydrogen potential of anaerobic sludge and soil rhizobia as biocatalysts: Influence of crucial factors affecting acidogenic fermentation. <i>Bioresource Technology</i> , 2014, 165, 323-331.	9.6	14
8	Behavior of acidogenesis during biohydrogen production with formate and glucose as carbon source: Substrate associated dehydrogenase expression. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 7486-7495.	7.1	12
9	Assessing potential cathodes for resource recovery through wastewater treatment and salinity removal using non-buffered microbial electrochemical systems. <i>Bioresource Technology</i> , 2016, 215, 247-253.	9.6	12
10	Bioprocessing of low-value food waste to high value volatile fatty acids for applications in energy and materials: A review on process-flow. <i>Bioresource Technology Reports</i> , 2022, 19, 101123.	2.7	10
11	Bioelectrochemical Energy Transitions Persuade Systemic Performance. , 2019, , 437-449.		0