Gn Nikhil

List of Publications by Year
in descending order

11	858	1040056 9	1372567 10
papers	citations	h-index	g-index

11	11	11	1300
all docs	docs citations	times ranked	citing authors

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