Khosrow Rostami

List of Publications by Year
in descending order

13	262	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biohydrogen production by immobilized Enterobacter aerogenes on functionalized multi-walled carbon nanotube. International Journal of Hydrogen Energy, 2019, 44, 14395-14405.	7.1	53
2	Effect of electrokinetics on biodesulfurization of the model oil by Rhodococcus erythropolis PTCC1767 and Bacillus subtilis DSMZ 3256. Journal of Hazardous Materials, 2014, 280, 781-787.	12.4	34
3	Immobilization of Enterobacter aerogenes on carbon fiber and activated carbon to study hydrogen production enhancement. Biochemical Engineering Journal, 2019, 144, 64-72.	3.6	31
4	Key Factors Affecting the Development of Oxidative Desulfurization of Liquid Fuels: A Critical Review. Energy & Fuels, 2022, 36, 98-132.	5.1	27
5	A review of measurement methods of biological hydrogen. International Journal of Hydrogen Energy, 2020, 45, 24424-24452.	7.1	25
6	Highly sensitive biosensing of phenol based on the adsorption of the phenol enzymatic oxidation product on the surface of an electrochemically reduced graphene oxide-modified electrode. Analytical Methods, 2018, 10, 2731-2739.	2.7	23
7	Kinetic models of biological hydrogen production by Enterobacter aerogenes. Biotechnology Letters, 2021, 43, 435-443.	2.2	19
8	Modeling of an electrochemical nanobiosensor in COMSOL Multiphysics to determine phenol in the presence of horseradish peroxidase enzyme. Enzyme and Microbial Technology, 2019, 121, 23-28.	3.2	14
9	Measurement methods of carbohydrates in dark fermentative hydrogen production- A review. International Journal of Hydrogen Energy, 2021, 46, 24028-24050.	7.1	12
10	Application of kinetic models in dark fermentative hydrogen productionâ€“A critical review. International Journal of Hydrogen Energy, 2022, 47, 21952-21968.	7.1	12
11	Mass Transfer Studies in Stirred AirLift Reactor. Chemical Engineering Communications, 2005, 192, 108-124.	2.6	8
12	A Study on the Role of Clostridium Saccharoperbutylacetonicum N1-4 (ATCC 13564) in Producing Fermentative Hydrogen. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	3
13	The optimization and statistical analysis of fermentative hydrogen production using Taguchi method. International Journal of Chemical Reactor Engineering, 2020, 18, .	1.1	1