

Mesut Bekirogullari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2174270/publications.pdf>

Version: 2024-02-01

18
papers

412
citations

840776

11
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorella vulgaris microalgae strain modified with zinc chloride as a new support material for hydrogen production from NaBH ₄ methanolysis using CuB, NiB, and FeB metal catalysts. International Journal of Hydrogen Energy, 2020, 45, 1959-1968.	7.1	61
2	Highly efficient Co-B catalysts with Chlorella Vulgaris microalgal strain modified using hydrochloric acid as a new support material for hydrogen production from methanolysis of sodium borohydride. International Journal of Hydrogen Energy, 2019, 44, 7262-7275.	7.1	42
3	Spirulina microalgal strain as efficient a metal-free catalyst to generate hydrogen via methanolysis of sodium borohydride. International Journal of Energy Research, 2020, 44, 402-410.	4.5	42
4	Production of lipid-based fuels and chemicals from microalgae: An integrated experimental and model-based optimization study. Algal Research, 2017, 23, 78-87.	4.6	41
5	Models of microalgal cultivation for added-value products - A review. Biotechnology Advances, 2020, 44, 107609.	11.7	39
6	Spirulina Platensis microalgae strain modified with phosphoric acid as a novel support material for Co-B catalysts: Its application to hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 2872-2883.	7.1	36
7	Catalytic activities of non-noble metal catalysts (Cu B, Fe B, and Ni B) with C.Vulgaris microalgal strain support modified by using phosphoric acid for hydrogen generation from sodium borohydride methanolysis. International Journal of Hydrogen Energy, 2019, 44, 14981-14991.	7.1	29
8	Multi-factor kinetic modelling of microalgal biomass cultivation for optimised lipid production. Bioresource Technology, 2018, 269, 417-425.	9.6	25
9	Hydrogen production from sodium borohydride by ZnCl ₂ treated defatted spent coffee ground catalyst. International Journal of Hydrogen Energy, 2020, 45, 9733-9743.	7.1	25
10	Highly efficient CoB catalyst using a support material based on Spirulina microalgal strain treated with ZnCl ₂ for hydrogen generation via sodium borohydride methanolysis. International Journal of Energy Research, 2019, 43, 4243-4252.	4.5	22
11	Carbon molecular sieve production from defatted spent coffee ground using ZnCl ₂ and benzene for gas purification. Fuel, 2020, 277, 118183.	6.4	20
12	Lake sediment based catalyst for hydrogen generation via methanolysis of sodium borohydride: an optimization study with artificial neural network modelling. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 57.	1.7	11
13	Al ₂ O ₃ /Spirulina Platensis Destekli Co Katalizör Varlı ve Sodyum Borohidridin Metanolizinden Hidrojen Üretiminin Araştırılması. European Journal of Science and Technology, 0, , 69-76.	0.5	7
14	Tarım salıveriminde Edilen Aktif Karbon Destekli Co-B Katalizör Varlı ve Sodyum Borhidridin Metanolizi. Türkiye Tarım Salıverim Dergisi, 0, , .	0.8	6
15	Integrated Computational and Experimental Studies of Microalgal Production of Fuels and Chemicals. Computer Aided Chemical Engineering, 2015, , 2393-2398.	0.5	3
16	Experimental Studies and Model Based Optimisation of Microalgal Production of Fuels and Chemicals. Computer Aided Chemical Engineering, 2016, 38, 2145-2150.	0.5	2
17	Investigation of Hydrogen Production from Bio-Oil Substances Using Aspen Plus. Gazi University Journal of Science, 2020, 33, 14-20.	1.2	1
18	Kinetic Modelling and Scaled-up Experimental Studies of Microalgal Fuels and Chemicals Production. Computer Aided Chemical Engineering, 2017, , 2833-2838.	0.5	0