

Goksel Ozkan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

287
citations

759233

12
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Active carbon-supported Ni, Ni/Cu and Ni/Cu/Pd catalysed steam reforming of ethanol for the production of hydrogen. <i>Chemical Engineering Journal</i> , 2011, 171, 1270-1275.	12.7	33
2	Ni ²⁺ and Zr ⁴⁺ in-situ catalytic performance for hydrogen generation from sodium borohydride, ammonia borane and their mixtures. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 3396-3408.	7.1	26
3	The Hydrolysis of ammonia borane by using Amberlyst-15 supported catalysts for hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10765-10772.	7.1	24
4	Novel 2D micro-porous Metal-Organic Framework for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 12167-12174.	7.1	21
5	The effects of operating conditions on hydrogen production from sodium borohydride using Box-Wilson optimization technique. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 9811-9816.	7.1	21
6	Effect of molar ratio of water / ethanol on hydrogen selectivity in catalytic production of hydrogen using steam reforming of ethanol. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 9823-9829.	7.1	18
7	Hydrogen production from the methanolysis of ammonia borane by Pd-Co/Al ₂ O ₃ coated monolithic catalyst. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10728-10733.	7.1	17
8	New insights on the mechanism of vapour phase hydrolysis of sodium borohydride in a fed-batch reactor. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10734-10740.	7.1	15
9	CO ₂ adsorption on porous NiO as a cathode material for molten carbonate fuel cells. <i>Journal of Power Sources</i> , 2005, 140, 28-33.	7.8	14
10	Combined experimental and theoretical investigation of characterization and hydrogen storage properties of Zn(II) based complex and composites. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 5907-5915.	7.1	13
11	Experimental and simulation study on structural characterization and hydrogen storage of metal organic structured compounds. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8256-8263.	7.1	13
12	The prediction of SO ₂ removal using statistical methods and artificial neural network. <i>Neural Computing and Applications</i> , 2010, 19, 67-75.	5.6	12
13	Facile Ion-Exchange Method for Zn Intercalated MoS ₂ As an Efficient and Stable Catalyst toward Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 2398-2407.	5.1	9
14	A Dynamic Study on Axial Dispersion and Adsorption in Catalytic Monoliths. <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 4734-4739.	3.7	8
15	Application of Box-Wilson Optimization Technique to the Partially Oriented Yarn Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2003, 42, 459-470.	1.9	8
16	Combustion of a high ash and sulfur containing lignite in a pilot circulating fluidized bed combustor and its pollution characteristics. <i>Chemical Engineering and Processing: Process Intensification</i> , 2002, 41, 11-15.	3.6	7
17	Synthesis and Characterization of Molten Carbonate Fuel Cell Anode Materials. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 2487-2495.	2.3	7
18	Hydrogen storage properties of mono- and bidentate MOF structured orotate complexes. <i>Journal of Materials Research</i> , 2014, 29, 215-220.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Non-linear kinetic analysis of catalytic hydrolysis of ethylenediamine bisborane with nano-structured Pd/TiO ₂ catalyst. International Journal of Hydrogen Energy, 2022, 47, 40430-40444.	7.1	5
20	A moment technique for adsorption rate on metal surfaces of supported catalysts. Chemical Engineering Journal, 2001, 84, 429-435.	12.7	3
21	Removal of Sulphur Dioxide in a Periodically Operating Trickle-Bed Reactor with Activated Carbon Bed. Chemical Engineering Research and Design, 2005, 83, 47-49.	5.6	3
22	Amonyak boran varlıġında gzenekli stiren divinil benzen kopolimer kreciklerin optimum sentez koulların belirlenmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2017, 32, .	0.8	2
23	PowerâLaw Kinetic Models for Synthesis of Ammonia Borane. International Journal of Chemical Kinetics, 2017, 49, 875-883.	1.6	1
24	Synthesis of nickel boride and investigation of availability as an additive in the molten carbonate fuel cell anode material. International Journal of Energy Research, 0, , .	4.5	1
25	Examination of a Hazardous Waste Disposal Plant in the Context of Occupational Health and Safety. WSEAS Transactions on Computers, 2022, 21, 200-210.	0.4	0