

Oguzhan Ilgen

List of Publications by Year in descending order

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17
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687363

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17
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701
citing authors

#	ARTICLE	IF	CITATIONS
1	Dolomite as a heterogeneous catalyst for transesterification of canola oil. Fuel Processing Technology, 2011, 92, 452-455.	7.2	93
2	Investigation of reaction parameters, kinetics and mechanism of oleic acid esterification with methanol by using Amberlyst 46 as a catalyst. Fuel Processing Technology, 2014, 124, 134-139.	7.2	73
3	Transesterification of Canola Oil to Biodiesel Using MgO Loaded with KOH as a Heterogeneous Catalyst. Energy & Fuels, 2009, 23, 1786-1789.	5.1	68
4	Biodiesel additive ethyl levulinate synthesis by catalytic membrane: SO ₄ ²⁻ /ZrO ₂ loaded hydroxyethyl cellulose. Chemical Engineering Journal, 2016, 302, 260-268.	12.7	44
5	Reaction kinetics of dolomite catalyzed transesterification of canola oil and methanol. Fuel Processing Technology, 2012, 95, 62-66.	7.2	29
6	Reactive separation system for effective upgrade of levulinic acid into ethyl levulinate. Chemical Engineering Research and Design, 2017, 118, 248-258.	5.6	27
7	Esterification of Oleic Acid with Methanol Using Zr(SO ₄) ₂ as a Heterogeneous Catalyst. Chemical Engineering and Technology, 2018, 41, 845-852.	1.5	23
8	Improvement of fuel properties of biodiesel with bioadditive ethyl levulinate. Open Chemistry, 2018, 16, 647-652.	1.9	21
9	Synthesis of Solketal from Glycerol and Acetone over Amberlyst-46 to Produce an Oxygenated Fuel Additive. Periodica Polytechnica: Chemical Engineering, 2016, , .	1.1	20
10	Removal of oleic acid from sunflower oil on zeolite 13X: Kinetics, equilibrium and thermodynamic studies. Industrial Crops and Products, 2016, 81, 66-71.	5.2	19
11	Catalytic activity of CaO-based catalyst in transesterification of microalgae oil with methanol. Energy and Environment, 2019, 30, 176-187.	4.6	19
12	Adsorption of oleic acid from sunflower oil on Amberlyst A26 (OH). Fuel Processing Technology, 2014, 118, 69-74.	7.2	18
13	Determination of reaction orders for the transesterification of canola oil with methanol by using KOH/MgO as a heterogeneous catalyst. Applied Catalysis B: Environmental, 2012, 126, 342-346.	20.2	15
14	Development of Alumina Supported Alkaline Catalysts Used for Biodiesel Production. Turkish Journal of Chemistry, 0, , .	1.2	9
15	Transesterification of Canola Oil Using Marble Dust as a Heterogeneous Catalyst. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2012, 34, 1688-1694.	2.3	4
16	Biodiesel production from waste sunflower oil by using Amberlyst 46 as a catalyst. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 3139-3143.	2.3	3
17	Production of biodiesel catalyzed by immobilized thermomyces lanuginose lipase from canola oil: process optimization using response surface methodology. New Biotechnology, 2012, 29, S38.	4.4	1