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## Opportunities and challenges for biodiesel fuel

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#	Paper	IF	Citations
518	A Comparison Between Raw Material and Technologies for a Sustainable Biodiesel Production Industry. <b>2011</b> ,		1
517	A review on prospect of <i>Jatropha curcas</i> for biodiesel in Indonesia. <b>2011</b> , 15, 3733-3756		221
516	Opium poppy ( <i>Papaver somniferum</i> L.) oil for preparation of biodiesel: Optimization of conditions. <i>Applied Energy</i> , <b>2011</b> , 88, 4713-4718	10.7	17
515	The scientometric evaluation of the research on the algae and bio-energy. <i>Applied Energy</i> , <b>2011</b> , 88, 3532-3540	10.8	108
514	A Twitchell Reagent Revival: Biodiesel Generation from Low Cost Oils. <b>2011</b> , 353, 2681-2690		5
513	A facile and feasible method to evaluate and control the quality of <i>Jatropha curcas</i> L. seed oil for biodiesel feedstock: Gas chromatographic fingerprint. <i>Applied Energy</i> , <b>2011</b> , 88, 2064-2070	10.7	27
512	Characterization of microalgal species isolated from fresh water bodies as a potential source for biodiesel production. <i>Applied Energy</i> , <b>2011</b> , 88, 3300-3306	10.7	117
511	Study of turbocharged diesel engine operation, pollutant emissions and combustion noise radiation during starting with bio-diesel or n-butanol diesel fuel blends. <i>Applied Energy</i> , <b>2011</b> , 88, 3905-3916	10.7	174
510	Developments in biobutanol production: New insights. <i>Applied Energy</i> , <b>2011</b> , 88, 1999-2012	10.7	371
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368	Nano La <sub>2</sub> O <sub>3</sub> as a heterogeneous catalyst for biodiesel synthesis by transesterification of <i>Jatropha curcas</i> L. oil. <b>2015</b> , 31, 385-392		64
367	Biodiesel production direct from high acid value oil with a novel magnetic carbonaceous acid. <i>Applied Energy</i> , <b>2015</b> , 155, 637-647	10.7	50
366	Nb <sub>2</sub> O <sub>5</sub> -catalyzed kinetics of fatty acids esterification for reactive distillation process simulation. <b>2015</b> , 100, 292-301		21
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364	Transesterification of Castor Oil with Methanol [Kinetic Modelling. <b>2015</b> , 10, 71-80		7
363	Advanced supercritical Methyl acetate method for biodiesel production from <i>Pongamia pinnata</i> oil. <b>2015</b> , 83, 1245-1249		53
362	Biofuel Production**This chapter was written with contributions from:Arash Mollahoseini, Biofuel Research Team (BRTeam), Karaj, Iran; Meisam Tabatabaei, Biofuel Research Team (BRTeam), Karaj, Iran and Agricultural Biotechnology Research Institute of Iran (ABRII), Karaj, Iran.. <b>2015</b> , 597-630		1
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360	Membrane reactors for biodiesel production and processing. <b>2015</b> , 289-312		8
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349	A low cost one pot synthesis of biodiesel from waste frying oil (WFO) using a novel material, Epotassium dizirconate (EK <sub>2</sub> Zr <sub>2</sub> O <sub>5</sub> ). <i>Applied Energy</i> , <b>2016</b> , 172, 23-33	10.7	54
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