

Laurencas Raslavicius

List of Publications by Year in descending order

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papers

690
citations

567281

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g-index

35
all docs

35
docs citations

35
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical investigation of the weld joint efficiencies in the repaired WWER pressure vessel. International Journal of Pressure Vessels and Piping, 2021, 189, 104271.	2.6	8
2	Prognostic Assessment of the Performance Parameters for the Industrial Diesel Engines Operated with Microalgae Oil. Sustainability, 2021, 13, 6482.	3.2	4
3	Assessment of Microalgae Oil as a Carbon-Neutral Transport Fuel: Engine Performance, Energy Balance Changes, and Exhaust Gas Emissions. Sustainability, 2021, 13, 7878.	3.2	2
4	Assessment of the Durability of Threaded Joints. Applied Sciences (Switzerland), 2021, 11, 12162.	2.5	2
5	Enhanced Performance of Microbial Fuel Cells with Anodes from Ethylenediamine and Phenylenediamine Modified Graphite Felt. Processes, 2020, 8, 939.	2.8	12
6	Evaluation of P.Âmoriformis oil and its blends with diesel fuel as promising contributors to transportation energy. Energy, 2019, 189, 116196.	8.8	3
7	Thermal characterization of P. moriformis oil and biodiesel. Fuel, 2018, 220, 140-150.	6.4	10
8	New insights into algae factories of the future. Renewable and Sustainable Energy Reviews, 2018, 81, 643-654.	16.4	55
9	Assessment of bicycleâ€“car accidents under four different types of collision. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 222-234.	1.8	13
10	Accident Reconstruction and Assessment of Cyclist's Injuries Sustained in Car-to-bicycle Collision. Procedia Engineering, 2017, 187, 562-569.	1.2	9
11	Management of hybrid powertrain dynamics and energy consumption for 2WD, 4WD, and HMMWV vehicles. Renewable and Sustainable Energy Reviews, 2017, 68, 380-396.	16.4	28
12	Algal Biodiesel in Lithuania: From Promise to Reality. Procedia Engineering, 2016, 134, 109-113.	1.2	3
13	STEEP INCREASES IN BIOMASS DEMAND: THE POSSIBILITIES OF SHORT ROTATION COPPICE (SRC) AGRO-FORESTRY. Technological and Economic Development of Economy, 2015, 21, 495-518.	4.6	5
14	Influence of Biofuel Additions on the Ignition Delay of Single Diesel Fuel Drops. Journal of Engineering Physics and Thermophysics, 2015, 88, 948-957.	0.6	5
15	City transport analysis using the General Motors (GM) microscopic model. Public Transport, 2015, 7, 159-183.	2.7	6
16	Electric vehicles challenges and opportunities: Lithuanian review. Renewable and Sustainable Energy Reviews, 2015, 42, 786-800.	16.4	80
17	Biofuels, sustainability and the transport sector in Lithuania. Renewable and Sustainable Energy Reviews, 2014, 32, 328-346.	16.4	22
18	Liquefied petroleum gas (LPG) as a medium-term option in the transition to sustainable fuels and transport. Renewable and Sustainable Energy Reviews, 2014, 32, 513-525.	16.4	125

#	ARTICLE	IF	CITATIONS
19	Identifying renewable energy and building renovation solutions in the Baltic Sea region: The case of Kaliningrad Oblast. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 196-203.	16.4	6
20	Producing transportation fuels from algae: In search of synergy. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 133-142.	16.4	48
21	Performance of an all-electric vehicle under UN ECE R101 test conditions: A feasibility study for the city of Kaunas, Lithuania. <i>Energy</i> , 2013, 55, 436-448.	8.8	19
22	The prospects of energy forestry and agro-residues in the Lithuania's domestic energy supply. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 22, 419-431.	16.4	17
23	Developing an Efficient Cover Cropping System for Organically Grown Barley. <i>Journal of Crop Improvement</i> , 2013, 27, 153-169.	1.7	4
24	Renewable energy sector in Belarus: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 5399-5413.	16.4	15
25	Characterization of the woody cutting waste briquettes containing absorbed glycerol. <i>Biomass and Bioenergy</i> , 2012, 45, 144-151.	5.7	24
26	The districts of Lithuania with low heat demand density: A chance for the integration of straw biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 3259-3269.	16.4	11
27	MOTOR BIOFUEL-POWERED CHP PLANTS – A STEP TOWARDS SUSTAINABLE DEVELOPMENT OF RURAL LITHUANIA. <i>Technological and Economic Development of Economy</i> , 2011, 17, 189-205.	4.6	11
28	Bioenergy in Ukraine – Possibilities of rural development and opportunities for local communities. <i>Energy Policy</i> , 2011, 39, 3370-3379.	8.8	23
29	Variations in oxygenated blend composition to meet energy and combustion characteristics very similar to the diesel fuel. <i>Fuel Processing Technology</i> , 2010, 91, 1049-1054.	7.2	39
30	Ecological assessment and economic feasibility to utilize first generation biofuels in cogeneration output cycle – The case of Lithuania. <i>Energy</i> , 2010, 35, 3666-3673.	8.8	24
31	THE POSSIBILITY OF INCREASING THE QUANTITY OF OXYGENATES IN FUEL BLENDS WITH NO DIESEL ENGINE MODIFICATIONS. <i>Transport</i> , 2010, 25, 81-88.	1.2	15
32	THE ANALYSIS OF THE MOTOR CHARACTERISTICS OF DIESEL FUEL BLEND DURING ON-FIELD TESTS. <i>Transport</i> , 2009, 24, 187-191.	1.2	17
33	RESEARCH INTO THREE-COMPONENT BIODIESEL FUELS COMBUSTION PROCESS USING A SINGLE DROPLET TECHNIQUE. <i>Transport</i> , 2007, 22, 312-315.	1.2	18
34	Findings on droplet breakup behavior of the preheated microalgae oil jet for efficiency improvement in diesel engines. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	3
35	Simulation of microalgae oil spray characteristics for mechanical fuel injection and CRDI systems. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	4