Laurencas Raslavicius

List of Publications by Year
in descending order

35	690	567281 15	580821 25
papers	citations	h-index	g-index

35	35	35	775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Electric vehicles challenges and opportunities: Lithuanian review. Renewable and Sustainable Energy Reviews, 2015, 42, 786-800.	16.4	80
3	New insights into algae factories of the future. Renewable and Sustainable Energy Reviews, 2018, 81, 643-654.	16.4	55
4	Producing transportation fuels from algae: In search of synergy. Renewable and Sustainable Energy Reviews, 2014, 40, 133-142.	16.4	48
5	Variations in oxygenated blend composition to meet energy and combustion characteristics very similar to the diesel fuel. Fuel Processing Technology, 2010, 91, 1049-1054.	7.2	39
6	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
7	Ecological assessment and economic feasibility to utilize first generation biofuels in cogeneration output cycle â€“ The case of Lithuania. Energy, 2010, 35, 3666-3673.	8.8	24
8	Characterization of the woody cutting waste briquettes containing absorbed glycerol. Biomass and Bioenergy, 2012, 45, 144-151.	5.7	24
9	Bioenergy in Ukraineâ€”Possibilities of rural development and opportunities for local communities. Energy Policy, 2011, 39, 3370-3379.	8.8	23
10	Biofuels, sustainability and the transport sector in Lithuania. Renewable and Sustainable Energy Reviews, 2014, 32, 328-346.	16.4	22
11	Performance of an all-electric vehicle under UN ECE R101 test conditions: AÂfeasibility study for the city of Kaunas, Lithuania. Energy, 2013, 55, 436-448.	8.8	19
12	RESEARCH INTO THREEâ€COMPONENT BIODIESEL FUELS COMBUSTION PROCESS USING A SINGLE DROPLET TECHNIQUE. Transport, 2007, 22, 312-315.	1.2	18
13	THE ANALYSIS OF THE MOTOR CHARACTERISTICS OF Dâ€RMEâ€E FUEL BLEND DURING ONâ€FIELD TESTS. Transport, 2009, 24, 187-191.	1.2	17
14	The prospects of energy forestry and agro-residues in the Lithuania's domestic energy supply. Renewable and Sustainable Energy Reviews, 2013, 22, 419-431.	16.4	17
15	THE POSSIBILITY OF INCREASING THE QUANTITY OF OXYGENATE S IN FUEL BLENDS WITH NO DIESEL ENGINE MODIFICATIONS. Transport, 2010, 25, 81-88.	1.2	15
16	Renewable energy sector in Belarus: A review. Renewable and Sustainable Energy Reviews, 2012, 16, 5399-5413.	16.4	15
17	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
18	Enhanced Performance of Microbial Fuel Cells with Anodes from Ethylenediamine and Phenylenediamine Modified Graphite Felt. Processes, 2020, 8, 939.	2.8	12

#	Article	IF	Citations
19	MOTOR BIOFUEL-POWERED CHP PLANTSâ€"A STEP TOWARDS SUSTAINABLE DEVELOPMENT OF RURAL LITHUANIA. Technological and Economic Development of Economy, 2011, 17, 189-205.	4.6	11
20	The districts of Lithuania with low heat demand density: A chance for the integration of straw biomass. Renewable and Sustainable Energy Reviews, 2012, 16, 3259-3269.	16.4	11
21	Thermal characterization of P. moriformis oil and biodiesel. Fuel, 2018, 220, 140-150.	6.4	10
22	Accident Reconstruction and Assessment of Cyclist's Injuries Sustained in Car-to-bicycle Collision. Procedia Engineering, 2017, 187, 562-569.	1.2	9
23	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
24	Identifying renewable energy and building renovation solutions in the Baltic Sea region: The case of Kaliningrad Oblast. Renewable and Sustainable Energy Reviews, 2014, 40, 196-203.	16.4	6
25	City transport analysis using the General Motors (GM) microscopic model. Public Transport, 2015, 7, 159-183.	2.7	6
26	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
27	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
28	Developing an Efficient Cover Cropping System for Organically Grown Barley. Journal of Crop Improvement, 2013, 27, 153-169.	1.7	4
29	Prognostic Assessment of the Performance Parameters for the Industrial Diesel Engines Operated with Microalgae Oil. Sustainability, 2021, 13, 6482.	3.2	4
30	Simulation of microalgae oil spray characteristics for mechanical fuel injection and CRDI systems. Biomass Conversion and Biorefinery, 0, , .	4.6	4
31	Algal Biodiesel in Lithuania: From Promise to Reality. Procedia Engineering, 2016, 134, 109-113.	1.2	3
32	Evaluation of P.Âmoriformis oil and its blends with diesel fuel as promising contributors to transportation energy. Energy, 2019, 189, 116196.	8.8	3
33	Findings on droplet breakup behavior of the preheated microalgae oil jet for efficiency improvement in diesel engines. Biomass Conversion and Biorefinery, 0, , 1.	4.6	3
34	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
35	Assessment of the Durability of Threaded Joints. Applied Sciences (Switzerland), 2021, 11, 12162.	2.5	2