

# Dr Saravana Kannan T

## List of Publications by Year in descending order

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18  
papers

394  
citations

1683934

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h-index

1199470

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on bioethanol as alternative fuel for spark ignition engines. Renewable and Sustainable Energy Reviews, 2016, 56, 820-835.	8.2	182
2	Bioethanol production from sago pith waste using microwave hydrothermal hydrolysis accelerated by carbon dioxide. Applied Energy, 2014, 128, 277-283.	5.1	67
3	Impact of metals on corrosive behavior of biodiesel-ethanol (BDE) alternative fuel. Renewable Energy, 2016, 94, 1-9.	4.3	49
4	Microwave assisted acid hydrolysis for bioethanol fuel production from sago pith waste. Waste Management, 2019, 86, 80-86.	3.7	29
5	Corrosive characteristics of bioethanol and gasoline blends for metals. International Journal of Energy Research, 2016, 40, 1704-1711.	2.2	16
6	Energy Efficient Microwave Irradiation of Sago Bark Waste (SBW) for Bioethanol Production. Advanced Materials Research, 0, 701, 249-253.	0.3	15
7	Corrosion Behavior of Copper in Biodiesel-Diesel-Bioethanol (BDE). Advanced Materials Research, 0, 1098, 44-50.	0.3	11
8	Exergy and exergoeconomic analysis of domestic scale solar water heater by the effect of solar collector area. Materials Today: Proceedings, 2021, 47, 5004-5010.	0.9	5
9	Application of ANN to Predict S.I. Engine Performance and Emission Characteristics Fuelled Bioethanol. Applied Mechanics and Materials, 0, 554, 454-458.	0.2	4
10	A parametric simulation of solar chimney power plant. IOP Conference Series: Materials Science and Engineering, 2018, 297, 012057.	0.3	4
11	Aeroelastic performance analysis of horizontal axis wind turbine (HAWT) swept blades. Materials Today: Proceedings, 2021, 47, 4965-4972.	0.9	4
12	Corrosion Behaviour of Carbon Steel in Biodiesel-Diesel-Ethanol (BDE) Fuel Blend. MATEC Web of Conferences, 2015, 27, 01011.	0.1	2
13	Development of coir-fiber-reinforced nanocomposite for shell eco marathon vehicle body application. Materials Today: Proceedings, 2021, 47, 4950-4950.	0.9	2
14	Compatibility of Elastomers in Biodiesel-Diesel-Bioethanol Blend (BDE). Advanced Materials Research, 0, 1098, 51-57.	0.3	1
15	Emissions from Petrol Engine Fueled Gasoline-Ethanol-Methanol (GEM) Ternary mixture as Alternative Fuel. MATEC Web of Conferences, 2015, 27, 01010.	0.1	1
16	Corrosion Behavior of Low Carbon Steel in Bioethanol Fuel Blends. Solid State Phenomena, 2017, 263, 115-119.	0.3	1
17	Weibull Strength Analysis of Pineapple Leaf Fiber. Materials Science Forum, 0, 1030, 45-52.	0.3	1
18	Performance of Petrol Engine Using Gasoline-Ethanol-Methanol (GEM) Ternary Mixture as Alternative Fuel. Applied Mechanics and Materials, 0, 833, 41-48.	0.2	0