

# Richard Fiifi Turkson

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

590  
citations

10  
h-index

15  
g-index

15  
ext. papers

713  
ext. citations

3.7  
avg, IF

3.91  
L-index

#	Paper	IF	Citations
15	A Bibliometric Survey of Research Output on Wireless Charging for Electric Vehicles. <i>World Electric Vehicle Journal</i> , <b>2022</b> , 13, 37	2.5	3
14	Water injection for higher engine performance and lower emissions. <i>Journal of the Energy Institute</i> , <b>2017</b> , 90, 285-299	5.7	57
13	Fading analysis of the Li(NiCoMn)O <sub>2</sub> battery under different SOC cycle intervals. <i>Ionics</i> , <b>2017</b> , 23, 1383-1390	7	
12	Evaluating the Degradation Mechanism and State of Health of LiFePO <sub>4</sub> Lithium-Ion Batteries in Real-World Plug-in Hybrid Electric Vehicles Application for Different Ageing Paths. <i>Energies</i> , <b>2017</b> , 10, 110	3.1	10
11	An analytical study of tribological parameters between piston ring and cylinder liner in internal combustion engines. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , <b>2016</b> , 230, 329-349	0.9	22
10	Reducing frictional power losses and improving the scuffing resistance in automotive engines using hybrid nanomaterials as nano-lubricant additives. <i>Wear</i> , <b>2016</b> , 364-365, 270-281	3.5	101
9	Enhancing the thermophysical properties and tribological behaviour of engine oils using nano-lubricant additives. <i>RSC Advances</i> , <b>2016</b> , 6, 77913-77924	3.7	66
8	A novel optimal support vector machine ensemble model for NO <sub>x</sub> emissions prediction of a diesel engine. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 92, 183-192	4.6	19
7	Spark Ignition Engine Combustion, Performance and Emission Products from Hydrous Ethanol and Its Blends with Gasoline. <i>Energies</i> , <b>2016</b> , 9, 984	3.1	30
6	Modeling and Multi-Objective Optimization of Engine Performance and Hydrocarbon Emissions via the Use of a Computer Aided Engineering Code and the NSGA-II Genetic Algorithm. <i>Sustainability</i> , <b>2016</b> , 8, 72	3.6	15
5	Modeling and Multi-Objective Optimization of NO <sub>x</sub> Conversion Efficiency and NH <sub>3</sub> Slip for a Diesel Engine. <i>Sustainability</i> , <b>2016</b> , 8, 478	3.6	16
4	The Effect of Water Injection on the Control of In-Cylinder Pressure and Enhanced Power Output in a Four-Stroke Spark-Ignition Engine. <i>Sustainability</i> , <b>2016</b> , 8, 993	3.6	6
3	Artificial neural network applications in the calibration of spark-ignition engines: An overview <b>2016</b> , 19, 1346-1359		31
2	Improving the tribological characteristics of piston ring assembly in automotive engines using Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> nanomaterials as nano-lubricant additives. <i>Tribology International</i> , <b>2016</b> , 103, 540-554	4.9	200
1	Scenario of the emerging shift from gasoline to LPG fuelled cars in Ghana: A case study in Ho Municipality, Volta Region. <i>Energy Policy</i> , <b>2012</b> , 44, 354-361	7.2	7