

# Nor Farida Harun

## List of Publications by Year in descending order

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16  
papers

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citations

1163117

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1281871

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209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid load transition for integrated solid oxide fuel cell “ Gas turbine (SOFC-GT) energy systems: A demonstration of the potential for grid response. Energy Conversion and Management, 2022, 258, 115544.	9.2	27
2	Design and eco-technoeconomic analyses of SOFC/GT hybrid systems accounting for long-term degradation effects. International Journal of Hydrogen Energy, 2021, 46, 5612-5629.	7.1	28
3	Coupling effects of fuel reforming process and fuel utilization on the system performance of a natural gas solid oxide fuel cell/gas turbine hybrid system. International Journal of Energy Research, 2021, 45, 17664-17690.	4.5	7
4	Design and Eco-techno-economic Analyses of SOFC/Gas Turbine Hybrid Systems Accounting for Long-Term Degradation. Computer Aided Chemical Engineering, 2020, , 415-420.	0.5	5
5	High efficiencies with low fuel utilization and thermally integrated fuel reforming in a hybrid solid oxide fuel cell gas turbine system. Applied Energy, 2020, 272, 115160.	10.1	21
6	Performance Comparison of Internal and External Reforming for Hybrid SOFC-GT Applications by Using 1D Real-Time Fuel Cell Mode. , 2019, , .		3
7	Fuel utilization effects on system efficiency in solid oxide fuel cell gas turbine hybrid systems. Applied Energy, 2018, 228, 1953-1965.	10.1	73
8	Technical challenges in operating an SOFC in fuel flexible gas turbine hybrid systems: Coupling effects of cathode air mass flow. Applied Energy, 2017, 190, 852-867.	10.1	37
9	Fuel Utilization Effects on System Efficiency and Solid Oxide Fuel Cell Performance in Gas Turbine Hybrid Systems. , 2017, , .		3
10	Real-Time Model of a Fuel Manifold in a Solid Oxide Fuel Cell Stack for Fuel Flexibility Studies. , 2016, , .		2
11	Impact of fuel composition transients on SOFC performance in gas turbine hybrid systems. Applied Energy, 2016, 164, 446-461.	10.1	36
12	Accelerated Degradation for Hardware in the Loop Simulation of Fuel Cell-Gas Turbine Hybrid System. Journal of Fuel Cell Science and Technology, 2015, 12, .	0.8	10
13	Open Loop and Closed Loop Performance of Solid Oxide Fuel Cell Turbine Hybrid Systems During Fuel Composition Changes. , 2015, , .		1
14	SOFC Lifetime Assessment in Gas Turbine Hybrid Power Systems. Journal of Fuel Cell Science and Technology, 2014, 11, .	0.8	22
15	Fuel Composition Transients in Fuel Cell Turbine Hybrid for Polygeneration Applications. Journal of Fuel Cell Science and Technology, 2014, 11, .	0.8	6
16	Fuel Composition Transients in Fuel Cell Turbine Hybrid for Polygeneration Applications. , 2014, , .		3