

# Amine Jaafar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4390328/publications.pdf>

Version: 2024-02-01

9  
papers

201  
citations

1478505

6  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sizing and Energy Management of a Hybrid Locomotive Based on Flywheel and Accumulators. IEEE Transactions on Vehicular Technology, 2009, 58, 3947-3958.	6.3	115
2	A Systemic Approach Integrating Driving Cycles for the Design of Hybrid Locomotives. IEEE Transactions on Vehicular Technology, 2013, 62, 3541-3550.	6.3	22
3	Design methodologies for sizing a battery bank devoted to a stand-alone and electronically passive wind turbine system. Renewable and Sustainable Energy Reviews, 2016, 60, 144-154.	16.4	16
4	Sizing of a hybrid locomotive based on accumulators and ultracapacitors. , 2010, , .		14
5	Contribution to the modelling of a low temperature PEM fuel cell in aeronautical conditions by design of experiments. Mathematics and Computers in Simulation, 2019, 158, 179-198.	4.4	12
6	Clustering analysis of railway driving missions with niching. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 31, 920-931.	0.9	9
7	Modeling and Sizing of a Fuel Cell-Lithium-Ion Battery Direct Hybridization System for Aeronautical Application. Energies, 2021, 14, 7655.	3.1	8
8	Synthesis of a compact wind profile using evolutionary algorithms for wind turbine system with storage. , 2012, , .		5
9	Synthesis of compact wind profiles using evolutionary algorithms. Inverse Problems in Science and Engineering, 2014, 22, 746-764.	1.2	0