

# Damian Sergio Vilchis Rodriguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8167826/publications.pdf>

Version: 2024-02-01

12  
papers

173  
citations

1478505

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1372567

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g-index

12  
all docs

12  
docs citations

12  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	HVDC Circuit Breakersâ€“A Review. IEEE Access, 2020, 8, 211829-211848.	4.2	61
2	Design, Construction, and Test of a Lightweight Thomson Coil Actuator for Medium-Voltage Vacuum Switch Operation. IEEE Transactions on Energy Conversion, 2019, 34, 1542-1552.	5.2	10
3	Performance of highâ€“power thomson coil actuator excited by a current pulse train. Journal of Engineering, 2019, 2019, 3937-3941.	1.1	6
4	Comparison of damping techniques for the softâ€“stop of ultraâ€“fast linear actuators for HVDC breaker applications. Journal of Engineering, 2019, 2019, 4466-4470.	1.1	3
5	Fast Operating Moving Coil Actuator for a Vacuum Interrupter. IEEE Transactions on Energy Conversion, 2017, 32, 931-940.	5.2	23
6	Modelling Thomson Coils With Axis-Symmetric Problems: Practical Accuracy Considerations. IEEE Transactions on Energy Conversion, 2017, 32, 629-639.	5.2	19
7	Modelling of induction machine time and space harmonic effects in the SIMULINK environment. , 2015, , .		3
8	Investigation of wound rotor induction machine vibration signal under stator electrical fault conditions. Journal of Engineering, 2014, 2014, 248-258.	1.1	23
9	Wide band fiber Bragg grating accelerometer for rotating AC machinery condition monitoring. Proceedings of SPIE, 2014, , .	0.8	2
10	Wound rotor induction generator bearing fault modelling and detection using stator current analysis. IET Renewable Power Generation, 2013, 7, 330-340.	3.1	19
11	Sensitivity Assessment of Wound Rotor Induction Generator Bearing Fault Detection Using Machine Electrical Quantities. , 2013, , .		0
12	Nodal Reduced Induction Machine Modeling for EMTP-Type Simulations. IEEE Transactions on Power Systems, 2012, 27, 1158-1169.	6.5	4