

# Eduardo Hernández-Márquez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5549338/publications.pdf>

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14  
papers

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1307594

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154  
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#	ARTICLE	IF	CITATIONS
1	Sensorless Tracking Control for a "Full-Bridge Buck Inverter" DC Motor System: Passivity and Flatness-Based Design. IEEE Access, 2021, 9, 132191-132204.	4.2	48
2	A DC/DC Buck-Boost Converter "Inverter" DC Motor System: Sensorless Passivity-Based Control. IEEE Access, 2018, 6, 31486-31492.	4.2	29
3	DC/DC Boost Converter "Inverter as Driver for a DC Motor: Modeling and Experimental Verification. Energies, 2018, 11, 2044.	3.1	22
4	A Robust Differential Flatness-Based Tracking Control for the "MIMO DC/DC Boost Converter" "Inverter" DC Motor System: Experimental Results. IEEE Access, 2019, 7, 84497-84505.	4.2	21
5	Bidirectional Tracking Robust Controls for a DC/DC Buck Converter-DC Motor System. Complexity, 2018, 2018, 1-10.	1.6	16
6	Robust Tracking Controller for a DC/DC Buck-Boost Converter "Inverter" DC Motor System. Energies, 2018, 11, 2500.	3.1	16
7	New "Full-Bridge Buck Inverter" DC Motor System: Steady-State and Dynamic Analysis and Experimental Validation. Electronics (Switzerland), 2019, 8, 1216.	3.1	10
8	A DC Motor Driven by a DC/DC Boost Converter-Inverter: Modeling and Simulation. , 2016, , .		6
9	A New DC/DC Buck-Boost Converter-DC Motor System: Modeling and Simulation. , 2016, , .		4
10	Modeling and Simulation of a DC Motor Fed by a Full-Bridge Buck Inverter. , 2017, , .		3
11	Robust Flatness Tracking Control for the "DC/DC Buck Converter-DC Motor" System: Renewable Energy-Based Power Supply. Complexity, 2021, 2021, 1-18.	1.6	3
12	Alternative Mathematical Models for the DC/DC Buck-Boost Converter. , 2017, , .		2
13	Regulation of the DC/DC Buck-Boost Converter-Inverter-DC Motor System: Sensorless Passivity Based Control. , 2017, , .		0
14	Passivity Based Control for the "Boost Converter-Inverter-DC Motor" System. , 2017, , .		0