

# Carlos Borrás Pinilla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2880757/publications.pdf>

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9  
papers

23  
citations

2258059

3  
h-index

2272923

4  
g-index

9  
all docs

9  
docs citations

9  
times ranked

23  
citing authors

#	ARTICLE	IF	CITATIONS
1	A methodology for detection of wear in hydraulic axial piston pumps. International Journal on Interactive Design and Manufacturing, 2020, 14, 1103-1119.	2.2	9
2	Capacitance Modeling of Complex Topographical Silicon Quantum Dot Structures. IEEE Nanotechnology Magazine, 2011, 10, 855-864.	2.0	4
3	Detection and Classification of Wear Fault in Axial Piston Pumps. Advances in Computer and Electrical Engineering Book Series, 2020, , 286-316.	0.3	3
4	Modelling, System Identification and Position Control Based on LQR Formulation for an Electro-Hydraulic Servo System. , 2019, , .		3
5	Modelling, design and analysis of three controllers based on LQR formulation for a non-linear hydraulic uniaxial seismic shake table. E3S Web of Conferences, 2019, 95, 03004.	0.5	2
6	Neural Network Based Fault Tolerant Control for a Semi-Active Suspension. , 2019, , .		2
7	Dynamic Model and Control Design for a Nonlinear Hydraulic Actuator. , 2018, , .		0
8	Dynamic Analysis And Simulation Of Computed Torque Control Of A Parallel Robot 3sps-lu. , 2019, , .		0
9	Modeling and simulation of a braking energy regeneration system in hydraulic hybrid vehicles in the Colombian topography. Periodicals of Engineering and Natural Sciences, 2021, 9, 755.	0.5	0