

# Cristina Nuevo-Gallardo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2277903/publications.pdf>

Version: 2024-02-01

12  
papers

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2258059

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1872680

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14  
docs citations

14  
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75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purcell's three-link microswimmer based on IPMC: Simulations in COMSOL Multiphysics. IEEE Latin America Transactions, 2022, 20, 474-480.	1.6	0
2	Cardiovascular Circulatory System and Left Carotid Model: A Fractional Approach to Disease Modeling. Fractal and Fractional, 2022, 6, 64.	3.3	9
3	Modeling and Control of IPMC-Based Artificial Eukaryotic Flagellum Swimming Robot: Distributed Actuation. Algorithms, 2022, 15, 181.	2.1	5
4	CART-PENDULUM PLATFORM IN CONTROL LEARNING IN ENGINEERING: FIRST STEPS TO CREATE ITS DIGITAL TWIN. EDULEARN Proceedings, 2022, , .	0.0	0
5	DESIGN OF AN ESCAPE ROOM TO SUPPORT LEARNING OF INDUSTRIAL PROCESS CONTROL IN ENGINEERING DEGREES. INTED Proceedings, 2021, , .	0.0	2
6	TEACHING AUTOMATIC CONTROL IN ENGINEERING DEGREES IN THE COVID-19 ERA: SIMULATORS BASED ON PHYSICAL MODELING TOOLS AS ALTERNATIVE. , 2021, , .		0
7	Performance study of propulsion of N-link artificial Eukaryotic flagellum swimming microrobot within a fractional order approach: From simulations to hardware-in-the-loop experiments. European Journal of Control, 2021, 58, 340-356.	2.6	3
8	Purcell's Three-Link Swimmer: Assessment of Geometry and Gaits for Optimal Displacement and Efficiency. Mathematics, 2021, 9, 1088.	2.2	1
9	Evaluating an AEF Swimming Microrobot Using a Hardware-in-the-loop Testbed. Advances in Intelligent Systems and Computing, 2020, , 524-536.	0.6	0
10	Back to Basics: Meaning of the Parameters of Fractional Order PID Controllers. Mathematics, 2019, 7, 530.	2.2	46
11	Improved Locomotion of an AEF Swimming Robot Using Fractional Order Control. , 2019, , .		4
12	Modeling Mechanical Impedance of Environment in Flexible Robotics Applications. , 2019, , .		0