CURRÍCULUM VÍTAE NORMALIZADO

Paloma Rodríguez Díaz

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Paloma Rodríguez Díaz

Surname(s):	**Rodríguez Díaz**
Name:	**Paloma**
DNI:	**76051630Z**
ORCID:	**0000-0001-7710-245X**
Date of birth:	**20/09/1993**
Gender:	**Female**
Email:	**palomarodriguez20@gmail.com**
Mobile phone:	**669210122**

Current professional situation

Employing entity: Universidad de Extremadura
Department: INGENIERÍA MECÁNICA, ENERGÉTICA Y DE LOS MATERIALES, Escuela de Ingenierías Industrial e Informática
Professional category: Técnico de apoyo a la investigación
Start date: 15/07/2022
Type of contract: Temporary **Dedication regime:** Full time

Employing entity: Universidad de Extremadura **Type of entity:** University
Department: Ingeniería Eléctrica, Electrónica y Automática, Escuela de Ingenierías Industriales
Professional category: Personal Científico Investigador **Educational Management (Yes/No):** No
Start date: 18/08/2020
Type of contract: Temporary employment contract **Dedication regime:** Full time
Primary (UNESCO code): 120702 - Control systems

Employing entity: Universidad de Extremadura **Type of entity:** University Department
Department: Departamento Ingeniería Mecánica, Energética y de los Materiales, Escuela de Ingenierías Industriales
Professional category: Técnico de Apoyo a la Investigación **Educational Management (Yes/No):** No
City employing entity: Badajoz, Extremadura, Spain
Phone: (+34) 924289300 - 86644 **Email:** palomard@unex.es
Start date: 01/05/2019
Type of contract: Temporary employment contract **Dedication regime:** Full time
Primary (UNESCO code): 210601 - Solar energy

Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 **University degree:** Higher degree
Name of qualification: Máster Universitario en Ingeniería Industrial
City degree awarding entity: Badajoz, Extremadura, Spain
Degree awarding entity: Universidad de Extremadura **Type of entity:** University
Date of qualification: 18/02/2021
Average mark: Good

2 **University degree:** Middle degree
Name of qualification: Grado en Ingeniería Electrónica y Automática (Rama Industrial)
City degree awarding entity: Badajoz, Extremadura, Spain

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C2	C2	C2	C2	C2

Scientific and technological experience

Scientific or technological activities

R&D non-competitive contracts, agreements or projects with public or private entities

Name of the project: MODELADO Y CONTROL DE MICRORROBOTS NADADORES BIOMIMÉTICOS PARA NAVEGACIÓN EN LÚMENES
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Inés Tejado Balsera
Nº of researchers: 9
Participating entity/entities: CONSEJ. ECONOMÍA, CIENCIA Y AG. DIG.
Start date: 09/02/2019 **Duration:** 2 years - 6 months - 17 days
Total amount: 149.672 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Modeling and Control of IPMC-Based Artificial Eukaryotic Flagellum Swimming Robot: Distributed Actuation. 2022.
Type of production: Scientific paper

2 Analysis of Potential Use of Linear Fresnel Collector for Direct Steam Generation in Industries of the Southwest of Europe. Energies. 12, MDPI, 24/10/2019. Available on-line at: <https://www.mdpi.com/1996-1073/12/21/4049/htm>.
Type of production: Scientific paper
Format: Journal
Position of signature: 7,07
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Impact source: ISI
Category: Energy (miscellaneous)
Impact index in year of publication: 3.085
Journal in the top 25%: No
Position of publication: 70
No. of journals in the cat.: 114

Works submitted to national or international conferences

Title of the work: Finite Element Model of a Helical Swimming Robot in COMSOL Multiphysics
Name of the conference: COMSOL Conference 2020 Europe
Type of event: Conference
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Badajoz, Extremadura, Spain
Date of event: 14/10/2020
End date: 15/10/2020
Organising entity: COMSOL
Type of entity: Business
City organizing entity: United States of America
Publication in conference proceedings: Yes
Type of contribution: Scientific paper
Miguel López; José Emilio Tráver; Cristina Nuevo-Gallardo; Paloma Rodríguez; Inés Tejado; Blas M. Vinagre. "Finite Element Model of a Helical Swimming Robot in COMSOL Multiphysics".