



Irene Poza Casado

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General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

- Índice h (WOS) = 7
- Doctorado con calificación CUM LAUDE y mención internacional.
- Autora de 12 artículos publicados en revistas científicas de alto impacto indexadas en Web of Science JCR (5 Q1's, 3 Q2's, 3 Q3, 1 Q4).
- Co-autora de un libro científico.
- Autora de 8 comunicaciones a congresos internacionales y 3 nacionales.
- Número de citas: 170
- Participación en 5 proyectos de I+D+i competitivos: 2 proyectos nacionales y 3 de carácter regional.
- Diversas estancias cortas de formación en centros de reconocido prestigio internacional.
- Estancia de investigación predoctoral en la Faculdade de Engenharia of the Universidade do Porto (4 meses).
- Estancia de investigación postdoctoral en el Lawrence Berkeley National Laboratory (USA).
- Miembro asociado del GIR Arquitectura & Energía de la Universidad de Valladolid desde diciembre 2016.
- Evaluación positiva de la actividad investigadora (2016-2021) por ANECA.

Irene Poza Casado

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Name: **Irene**
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ScopusID: **57204725554**
ResearcherID: **D-2061-2016**
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Current professional situation

Employing entity: Universidad de Valladolid

Department: Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de los Medios Continuos y Teoría de Estructuras, Escuela Técnica Superior de Arquitectura

Professional category: Assistant Professor

Start date: 01/09/2022

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 330500 - Construction technology

Identify key words: Building of houses; Air conditioning; Ventilation; Constructive systems; Facades

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Valladolid	Postdoctoral Researcher	16/12/2021
2	Universidad de Valladolid	Predoctoral Researcher	01/01/2019
3	Universidad de Valladolid	Researcher in training	19/12/2017
4	Universidad de Valladolid	Researcher in training	15/12/2015
5	Universidad de Valladolid	Researcher in training	01/09/2014
6	Universidad de Valladolid	Researcher in training	01/11/2013

1 **Employing entity:** Universidad de Valladolid **Type of entity:** University

Department: Departamento de Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de Medios Continuos y Teoría de Estructuras, Universidad de Valladolid

City employing entity: Valladolid, Castile and León, Spain

Professional category: Postdoctoral Researcher

Start-End date: 16/12/2021 - 31/08/2022

Duration: 8 months - 14 days

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

Primary (UNESCO code): 330000 - Technological Science.

Field of management activity: University

- 2** **Employing entity:** Universidad de Valladolid **Type of entity:** University
Department: Departamento de Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de Medios Continuos y Teoría de Estructuras, Universidad de Valladolid
City employing entity: Valladolid, Castile and León, Spain
Professional category: Predoctoral Researcher
Start-End date: 01/01/2019 - 15/12/2021 **Duration:** 3 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time
Primary (UNESCO code): 330000 - Technological Science.
Field of management activity: University
- 3** **Employing entity:** Universidad de Valladolid **Type of entity:** University
Department: Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de los Medios Continuos y Teoría de Estructuras, Escuela Técnica Superior de Arquitectura
Professional category: Researcher in training **Educational Management (Yes/No):** No
Start-End date: 19/12/2017 - 31/12/2018 **Duration:** 1 year - 13 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 330500 - Construction technology
Performed tasks: Colaboración en el proyecto de investigación "infiles: Repercusión energética de la permeabilidad al aire de los edificios residenciales en España: estudio y caracterización de sus infiltraciones" (BIA2015-64321-R), financiado por el Ministerio de Economía y Competitividad. Investigador principal: Jesús Feijó Muñoz.
Identify key words: Building of houses; Air conditioning; Ventilation; Constructive systems; Facades
Field of management activity: University
- 4** **Employing entity:** Universidad de Valladolid **Type of entity:** University
Department: Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de los Medios Continuos y Teoría de Estructuras, Escuela Técnica Superior de Arquitectura
Professional category: Researcher in training **Educational Management (Yes/No):** No
Start-End date: 15/12/2015 - 14/12/2017 **Duration:** 2 years
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 330500 - Construction technology
Performed tasks: Beneficiario de la ayuda PEJ-2014-P-00340: Análisis del impacto de las infiltraciones incontroladas sobre la eficiencia energética de los edificios en Castilla y León, para la promoción del empleo joven e implantación de la Garantía Juvenil en I+D+i en el Subprograma Estatal de Incorporación, del Programa Estatal de Promoción del Talento y su Empleabilidad. Secretaría de Estado de Investigación, Desarrollo e Innovación, financiado por el Fondo Social Europeo y la Iniciativa de Empleo Juvenil.
Identify key words: Building of houses; Air conditioning; Ventilation; Constructive systems; Facades
Field of management activity: University
- 5** **Employing entity:** Universidad de Valladolid **Type of entity:** University
Department: Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de los Medios Continuos y Teoría de Estructuras, Escuela Técnica Superior de Arquitectura
Professional category: Researcher in training **Educational Management (Yes/No):** No
Start-End date: 01/09/2014 - 30/09/2014 **Duration:** 1 month
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Part time
Primary (UNESCO code): 330500 - Construction technology

Performed tasks: Beca de Colaboración en en proyectos de investigación FUNGE (UVa). Colaboración en el proyecto de investigación "Dirección de obras de restauración de bóvedas y cubiertas de la Iglesia de Santa María en Villamuriel" (061-134151), financiado por la Fundación General Universidad de Valladolid. Investigadora principal: María Soledad Camino Olea.

Identify key words: Constructive systems; Bricks; Facades

Field of management activity: University

- 6** **Employing entity:** Universidad de Valladolid **Type of entity:** University
Department: Construcciones Arquitectónicas, Ingeniería del Terreno y Mecánica de los Medios Continuos y Teoría de Estructuras, Escuela Técnica Superior de Arquitectura
Professional category: Researcher in training **Educational Management (Yes/No):** No
Start-End date: 01/11/2013 - 30/06/2014 **Duration:** 8 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Part time
Primary (UNESCO code): 330500 - Construction technology
Performed tasks: Beca de Colaboración en departamentos universitarios MEC. Colaboración en el proyecto de investigación "Protección frente a la humedad de las fachadas antiguas de ladrillo al descubierto. Estudio del empleo de hidrofugantes en su restauración" (BIA 2010-19245), financiado por el Ministerio de Economía y Competitividad. Investigadora principal: María Soledad Camino Olea.
Identify key words: Constructive systems; Bricks; Facades
Field of management activity: University



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Master's Degree in Compulsory Secondary Education and High School, Vocational Training and Language Teaching
Degree awarding entity: Universidad de Salamanca **Type of entity:** University
Date of qualification: 15/07/2015
- 2 University degree:** Higher degree
Name of qualification: Architect
Degree awarding entity: Universidad de Valladolid **Type of entity:** University
Date of qualification: 01/04/2014

Doctorates

Doctorate programme: Architecture
Degree awarding entity: Universidad de Valladolid **Type of entity:** University
Date of degree: 15/12/2021
European doctorate: Yes **Date of certificate:** 15/12/2021
Thesis title: Airtightness performance of the building envelope of dwellings in Spain. Characterisation and energy impact of air infiltration
Thesis co-director: Jesús Feijó Muñoz; Alberto Meiss; Miguel Ángel Padilla Marcos
Obtained qualification: CUM LAUDE

Teaching experience

General teaching experience

- 1 Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones II: Acústica y Calefacción
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2022 **End date:** 31/07/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 10
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid



- 2** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones IV: Climatización y Ventilación
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2022 **End date:** 31/07/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 10
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 3** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones I: Fontanería, Saneamiento e Incendios
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/09/2021 **End date:** 31/01/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 4** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones III: Electricidad e Iluminación
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/09/2021 **End date:** 31/01/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 5** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones IV: Climatización y Ventilación
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2021 **End date:** 31/07/2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 6** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones III: Electricidad e Iluminación
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/09/2020 **End date:** 31/01/2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 40
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid



- 7** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones II: Acústica y Calefacción
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2020 **End date:** 31/07/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 8** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones IV: Climatización y Ventilación
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2020 **End date:** 31/07/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 10
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 9** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones V: Energías Renovables e Instalaciones Especiales
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/02/2020 **End date:** 31/07/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 10
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 10** **Type of teaching:** Official teaching
Name of the course: Acondicionamiento e Instalaciones I: Fontanería, Saneamiento e Incendios
Type of programme: Bachelor's degree
University degree: Grado en Fundamentos de Arquitectura
Start date: 01/09/2019 **End date:** 31/01/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid
- 11** **Type of teaching:** Official teaching
Name of the course: Eficiencia energética del edificio y su entorno urbano II
Type of programme: Master's degree
University degree: Máster en Arquitectura
Start date: 01/10/2019 **End date:** 12/12/2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 4
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid



12 **Type of teaching:** Official teaching
Name of the course: M-3.3 Proyectos de investigación y difusión de resultados
Type of programme: Master's degree
University degree: Máster en Investigación e Innovación en Arquitectura
Start date: 04/12/2019 **End date:** 04/12/2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 5
Entity: Universidad de Valladolid **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura de Valladolid

Participation in innovative teaching projects

Project title: Espacios de ingenio. Creatividad, tecnología y sostenibilidad
Type of participation: Team member
Name of the main researcher: Gamma Ramón Cueto
Funding entity: Universidad de Valladolid **Type of entity:** University
Start-End date: 01/09/2018 - 31/07/2019

Scientific and technological experience

Research and development groups/teams

Name of the group: Recognized Research Group Architecture & Energy
Affiliation entity: Universidad de Valladolid **Type of entity:** University
Start date: 01/12/2016

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Metodologías de estudio y estrategias de mejora de eficiencia energética, confort y salubridad de Centros Educativos en Castilla y León. Investigación básica
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Universidad de Valladolid **Type of entity:** University
City of entity: Valladolid, Castile and León, Spain
Name principal investigator (PI, Co-PI....): Jesús Feijó Muñoz
Nº of researchers: 8
Funding entity or bodies: Junta de Castilla y León **Type of entity:** Consejería de Educación
City funding entity: Valladolid, Castile and León, Spain
Type of participation: Team member
Name of the programme: Subvenciones destinadas al apoyo de los grupos de investigación reconocidos de universidades públicas de Castilla y León a iniciar en el 2019
Code according to the funding entity: VA026G19



Start-End date: 05/07/2019 - 30/09/2021

Total amount: 12.000 €

Dedication regime: Full time

- 2 Name of the project:** Desarrollo inicial de la aplicación informática para la gestión de datos de permeabilidad al aire (Fase I)

Entity where project took place: Universidad de Valladolid **Type of entity:** University

City of entity: Valladolid, Castile and León, Spain

Name principal investigator (PI, Co-PI....): Irene Poza Casado

Nº of researchers: 3

Funding entity or bodies:

Junta de Castilla y León

Type of entity: Administration

Type of participation: Principal investigator

Name of the programme: Plan TCUE 2018-2020

Code according to the funding entity: 067/218871

Start-End date: 16/06/2021 - 15/09/2021

Total amount: 2.500 €

- 3 Name of the project:** Recuperación de energía en la ventilación de los espacios docentes universitarios. REVEDUVa

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): Miguel Ángel Padilla Marcos

Nº of researchers: 8

Funding entity or bodies:

UTE formada por ARCOR S.L. y Hermanos Rubio grupo constructor HERCE S.L.U.

Universidad de Valladolid

Type of entity: University

Type of participation: Team member

Name of the programme: Ayudas para la realización de proyectos de I+D+i sobre medidas de eficiencia energética y de aplicación de energías renovables en la explotación de los edificios universitarios de la Universidad de Valladolid

Start-End date: 01/09/2019 - 30/06/2021

Total amount: 30.000 €

- 4 Name of the project:** INFILES: Repercusión energética de la permeabilidad al aire de los edificios residenciales en España: estudio y caracterización de sus infiltraciones

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): Jesús Feijó Muñoz

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of entity: State agency

City funding entity: Spain

Type of participation: Working team

Name of the programme: Ayudas correspondientes al programa estatal de investigación, desarrollo e innovación orientada a los retos de la sociedad, convocatoria 2015, modalidad 1: "Proyectos I+D+i", en el marco del plan estatal de investigación científica y técnica y de innovación 2013-2016

Code according to the funding entity: BIA2015-64321-R

**Start-End date:** 01/01/2016 - 31/12/2018**Duration:** 3 years**Total amount:** 181.500 €**Dedication regime:** Full time

- 5** **Name of the project:** Protección frente a la humedad de las fachadas antiguas de ladrillo al descubierto. Estudio del empleo de hidrofugantes en su restauración

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): María Soledad Camino Olea

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of entity: State agency

City funding entity: Spain

Type of participation: Working team

Name of the programme: Ayudas correspondientes al programa estatal de investigación, desarrollo e innovación orientada a los retos de la sociedad, convocatoria 2010, modalidad 1: "Proyectos I+D+i", en el marco del plan estatal de investigación científica y técnica y de innovación

Code according to the funding entity: BIA 2010-19245

Start-End date: 01/11/2013 - 01/07/2014

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

- 1** **Name of the project:** Desarrollo de dispositivo de purificación de aire mediante plasma no térmico

Entity where project took place: Universidad de Valladolid

Degree of contribution: Researcher

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): Alberto Meiss; Miguel Ángel Padilla-Marcos; Diego Tamayo Alonso; Irene Poza-Casado

Nº of researchers: 4

Funding entity or bodies:

Plasma Novus Clean Air Solutions S.L.

Type of entity: R&D Centre

City funding entity: Valladolid, Spain

Start date: 31/03/2022

Duration: 1 year - 9 months

Total amount: 1.500 €

- 2** **Name of the project:** Technical translation of the reference guide Minneapolis BlowerDoor Standard Model 4.1 updated for pressure gauge DG-1000 and Tectite Express Version 5.1

Entity where project took place: Universidad de Valladolid

Degree of contribution: Researcher

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): Alberto Meiss; Miguel Ángel Padilla-Marcos; Irene Poza-Casado

Nº of researchers: 3

Funding entity or bodies:

BlowerDoor GmH

Type of entity: Business

City funding entity: Springe, Germany

Start date: 10/06/2020

Duration: 3 months - 20 days

Total amount: 1.500 €



3 **Name of the project:** Dirección de obras de restauración de bóvedas y cubiertas de la Iglesia de Santa María en Villamuriel

Entity where project took place: Universidad de Valladolid

Degree of contribution: Current university student

Entity where project took place: Universidad de Valladolid **Type of entity:** University

Name principal investigator (PI, Co-PI....): María Soledad Camino Olea

Funding entity or bodies:

FUNDACION GENERAL DE LA UNIVERSIDAD DE VALLADOLID

Code according to the funding entity: 061-134151

Start date: 01/09/2014

Duration: 1 month

Scientific and technological activities

Scientific production

1 **H index:** 7

Date of application: 15/05/2023

Fuente de Índice H: WOS

2 **H index:** 7

Date of application: 15/05/2023

Fuente de Índice H: GOOGLE SCHOLAR

3 **H index:** 7

Date of application: 15/05/2023

Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

1 Irene Poza Casado; Pilar Rodríguez del Tío; Miguel Fernández Temprano; Miguel Ángel Padilla Marcos; Alberto Meiss. An envelope airtightness predictive model for residential buildings in Spain. Building and Environment. 223 - 109435, ELSEVIER, 01/09/2022. ISSN 0360-1323

DOI: 10.1016/j.buildenv.2022.109435

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 5

Corresponding author: No

Impact source: ISI

Category: Science Edition - ENGINEERING, CIVIL

Impact index in year of publication: 7.093

Journal in the top 25%: Yes

Position of publication: 10

No. of journals in the cat.: 138

2 Alberto Meiss; Irene Poza Casado; Alfredo Llorente Álvarez; Héctor Jimeno Merino; Miguel Ángel Padilla Marcos. Implementation of a Ventilation Protocol for SARS-CoV-2 in a Higher Educational Centre. Energies. 14 - 19, pp. 6172. MDPI, 27/09/2021. Available on-line at: <<https://doi.org/10.3390/en14196172>>. ISSN 1996-1073

DOI: 10.3390/en14196172

Type of production: Scientific paper

Format: Journal

Position of signature: 2

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.004**Position of publication:** 70**Corresponding author:** Yes**Category:** Energy & fuels**Journal in the top 25%:** No**No. of journals in the cat.:** 114

- 3** Alberto Meiss; Héctor Jimeno Merino; Irene Poza Casado; Alfredo Llorente Álvarez; Miguel Ángel Padilla Marcos. Indoor Air Quality in Naturally Ventilated Classrooms. Lessons Learned from a Case Study in a COVID-19 Scenario. Sustainability. 13 - 15, MDPI, 28/07/2021. Available on-line at: <<https://doi.org/10.3390/su13158446>>. ISSN 2071-1050

DOI: 10.3390/su13158446**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 265**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.576**Position of publication:** 120**Impact source:** ISI**Impact index in year of publication:** 2.576**Position of publication:** 26**Category:** GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 41**Relevant publication:** No

- 4** Irene Poza Casado; Raquel Gil Valverde; Alberto Meiss; Miguel Ángel Padilla Marcos. Impact of Air Infiltration on IAQ and Ventilation Efficiency in Higher Educational Classrooms in Spain. Sustainability. 13 - 12, MDPI, 18/06/2021. Available on-line at: <<https://doi.org/10.3390/su13126875>>. ISSN 2071-1050

DOI: 10.3390/su13126875**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 265**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 2.576**Position of publication:** 120**Impact source:** ISI**Impact index in year of publication:** 2.576**Position of publication:** 26**Category:** GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 41**Relevant publication:** No

- 5** Raquel Gil-Valverde; Diego Tamayo-Alonso; Andrés Royuela-del-Val; Irene Poza-Casado; Alberto Meiss; Miguel Ángel Padilla-Marcos. Three-dimensional characterization of air infiltration using infrared thermography. Energy and Buildings. 110656, ELSEVIER, 08/12/2020. Available on-line at: <<https://doi.org/10.1016/j.enbuild.2020.110656>>. ISSN 0378-7788

DOI: 10.1016/j.enbuild.2020.110656**Type of production:** Scientific paper**Position of signature:** 4**Format:** Journal

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 4,457**Position of publication:** 3**Impact source:** ISI**Impact index in year of publication:** 4,457**Position of publication:** 3**Corresponding author:** No**Category:** Civil and Structural Engineering**Journal in the top 25%:** Yes**No. of journals in the cat.:** 128**Category:** Civil and Structural Engineering**Journal in the top 25%:** Yes**No. of journals in the cat.:** 128

- 6** Irene Poza Casado; Vitor E. M. Cardoso; Ricardo M. S. F. Almeida; Alberto Meiss; Nuno M. M. Ramos; Miguel Ángel Padilla Marcos. Residential buildings airtightness frameworks: A review on the main databases and setups in Europe and North America. Building and Environment. ELSEVIER, 25/08/2020. ISSN 0360-1323

DOI: <https://doi.org/10.1016/j.buildenv.2020.107221>**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 4.971**Position of publication:** 4**Format:** Journal**Corresponding author:** No**Category:** Science Edition - ENGINEERING, CIVIL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 134

- 7** Irene Poza Casado; Miguel Ángel Padilla Marcos; Alberto Meiss; Jesús Feijó Muñoz. Airtightness and energy impact of air infiltration in residential buildings in Spain. International Journal of Ventilation. Taylor & Francis, 30/06/2020. ISSN 1473-3315

DOI: <https://doi.org/10.1080/14733315.2020.1777029>**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 0.732**Position of publication:** 54**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - CONSTRUCTION & BUILDING TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 63

- 8** Alberto Meiss; Miguel Ángel Padilla Marcos; Irene Poza Casado; Antonio Álvaro Tordesillas. A Graphical Tool to Estimate the Air Change Efficiency in Rooms with Heat Recovery Systems. Sustainability. 12 - 3, pp. 1031. mdpi, 31/01/2020.

DOI: <https://doi.org/10.3390/su12031031>**Type of production:** Scientific paper**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 2.592**Position of publication:** 44**Format:** Journal**Category:** Social Sciences Edition - ENVIRONMENTAL STUDIES**Journal in the top 25%:** No**No. of journals in the cat.:** 116

- 9** Antonio Álvaro Tordesillas; Marta Alonso Rodríguez; Irene Poza Casado; Noelia Galván Desvaux. Gamification experience in the subject of descriptive geometry for architecture. Educación XX1. 23 - 1, pp. 373 - 408. Facultad de Educación de la Universidad Nacional de Educación a Distancia, 10/07/2019. ISSN 2174-5374

DOI: 10.5944/educXX1.23591**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 4**Format:** Journal**Corresponding author:** Yes

**Impact source:** ISI**Impact index in year of publication:** 3.265**Position of publication:** 158**Category:** Social Sciences Edition - EDUCATION & EDUCATIONAL RESEARCH**Journal in the top 25%:** Yes**No. of journals in the cat.:** 723

- 10** Jesús Feijó Muñoz; Cristina Pardal; Víctor Echarri; Jesica Fernández Agüera; Rafael Assiego de Larriva; Manuel Montesdeoca Calderín; Irene Poza Casado; Miguel Ángel Padilla Marcos; Alberto Meiss. Energy impact of the air infiltration in residential buildings in the Mediterranean area of Spain and the Canary Islands. *Energy & Buildings*. 148, pp. 299 - 308. ELSEVIER, 18/02/2019. ISSN 0378-7788

DOI: <https://doi.org/10.1016/j.enbuild.2019.02.023>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Total no. authors:** 9**Corresponding author:** Yes**Impact source:** ISI**Category:** Civil and Structural Engineering**Impact index in year of publication:** 4,457**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 128

- 11** Jesús Feijó Muñoz; Roberto Alonso González Lezcano; Irene Poza Casado; Miguel Ángel Padilla Marcos; Alberto Meiss. Airtightness of residential buildings in the Continental area of Spain. *Building and Environment*. 148, pp. 299 - 308. ELSEVIER, 15/01/2019. ISSN 0360-1323

DOI: <https://doi.org/10.1016/j.buildenv.2018.11.010>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 5**Corresponding author:** Yes**Impact source:** ISI**Category:** Civil and Structural Engineering**Impact index in year of publication:** 4,539**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 128

- 12** Jesús Feijó Muñoz; Irene Poza Casado; Roberto Alonso González Lezcano; Cristina Pardal; Víctor Echarri; Rafael Assiego de Larriva; Jesica Fernández Agüera; María Jesús Dios Viéitez; Víctor José del Campo Díaz; Manuel Montesdeoca Calderín; Miguel Ángel Padilla Marcos; Alberto Meiss. Methodology for the Study of the Envelope Airtightness of Residential Buildings in Spain: A Case Study. *Energies*. 11 - 4, pp. 704. MDPI, 21/03/2018. ISSN 1996-1073

DOI: <https://doi.org/10.3390/en11040704>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 12**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - ENERGY & FUELS**Impact index in year of publication:** 2,676**Journal in the top 25%:** No**Position of publication:** 48**No. of journals in the cat.:** 97

- 13** Timo Hoek; Irene Poza Casado; Sergio Melgosa. VIP 45.2: Trends in building and ductwork airtightness in Spain. *AIVC's Ventilation Information Paper*. 45 - 2, 12/09/2022. Available on-line at: <<https://www.aivc.org/resource/vip-452-trends-building-and-ductwork-airtightness-spain>>.

Type of production: Popular science article**Format:** Journal**Position of signature:** 2**Total no. authors:** 3

- 14** Irene Poza Casado. First results of a new database on airtightness in Spain. TightVent Europe Newsletter. 15, pp. 2 - 3. 01/11/2018.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 15** Alberto Meiss; Irene Poza Casado. Repercusión energética debida a la infiltración de aire. Permeabilidad al aire de los edificios residenciales en España. Estudio y caracterización de sus infiltraciones. Ediciones Asimétricas SL, 29/03/2019. ISBN 978-84-949522-5-8
Legal deposit: M-38880-2018
Type of production: Book chapter **Format:** Book
Corresponding author: No
- 16** Irene Poza Casado. Resultados. Permeabilidad al aire de los edificios residenciales en España. Estudio y caracterización de sus infiltraciones. Ediciones Asimétricas SL, 29/03/2019. ISBN 978-84-949522-5-8
Legal deposit: M-38880-2018
Type of production: Book chapter **Format:** Book
Corresponding author: No
- 17** Irene Poza Casado. Selección de la muestra. Permeabilidad al aire de los edificios residenciales en España. Estudio y caracterización de sus infiltraciones. Ediciones Asimétricas SL, 29/03/2019. ISBN 978-84-949522-5-8
Legal deposit: M-38880-2018
Type of production: Book chapter **Format:** Book
Corresponding author: No

Works submitted to national or international conferences

- 1** **Title of the work:** IAQ Assessment in Higher Education Classrooms with Natural Ventilation during the Cold Season
Name of the conference: 41st AIVC - ASHRAE IAQ joint conference. IAQ 2020: Indoor Environmental Quality Performance Approaches Transitioning from IAQ to IEQ
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Athens, Greece
Date of event: 04/05/2022
End date: 05/05/2022
Organising entity: ASHRAE and AIVC **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Héctor Jimeno Merino; Irene Poza Casado; Raquel Gil Valverde; Diego Tamayo Alonso; Andrés Royuela del Val; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. En: IAQ 2020: Indoor Environmental Quality Performance Approaches Transitioning from IAQ to IEQ. pp. 1 - 8. Available on-line at: <<https://www.proquest.com/conference-papers-proceedings/iaq-assessment-higher-education-classrooms-with/docview/2630328633/se-2?accountid=14496>>. ISSN 2378-2137, ISBN 978-1-955516-01-3
- 2** **Title of the work:** Three-Dimensional Characterization Of The Air Infiltration Path Using Infrared Technology
Name of the conference: 41st AIVC - ASHRAE IAQ joint conference. IAQ 2020: Indoor Environmental Quality Performance Approaches Transitioning from IAQ to IEQ
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication



Corresponding author: Yes

City of event: Athens, Greece

Date of event: 04/05/2022

End date: 05/05/2022

Organising entity: ASHRAE and AIVC

Type of entity: Associations and Groups

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Raquel Gil Valverde; Diego Tamayo Alonso; Andrés Royuela del Val; Irene Poza Casado; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. En: IAQ 2020: Indoor Environmental Quality Performance Approaches Transitioning from IAQ to IEQ. pp. 1 - 8. Available on-line at: <<https://www.proquest.com/docview/2630328590?pq-origsite=gscholar&fromopenview=true>>. ISSN 2378-2137, ISBN 978-1-955516-01-3

3 Title of the work: Permeabilidad al aire y tasa de infiltración en dos aulas universitarias

Name of the conference: VII Jornadas de Investigadoras de Castilla y León

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Valladolid, Castile and León, Spain

Date of event: 15/04/2021

End date: 16/04/2021

Organising entity: Universidad de Valladolid,
Universidad de Burgos, Universidad de Salamanca,
Universidad de León

Type of entity: University

City organizing entity: Valladolid, Burgos, Salamanca, León, Castile and León, Spain

Irene Poza Casado; Raquel Gil Valverde; Miguel Ángel Padilla Marcos. "Libro de resúmenes". ISBN 978-84-122927-6-3

4 Title of the work: Residential buildings airtightness frameworks: A review on the main databases and setups in Europe and North America

Name of the conference: AIVC - TightVent Webinar "Better Quantifying and Locating Building Leakages"

Type of event: Seminar

Geographical area: European Union

Type of participation: Participatory - invited/keynote talk

Reasons for participation: Upon invitation

Corresponding author: Yes

Date of event: 19/01/2021

End date: 19/01/2021

Organising entity: AIVC - TightVent

Type of entity: Associations and Groups

Type of contribution: Bibliographic review

Irene Poza Casado.

5 Title of the work: Airtightness and energy impact of air infiltration in residential buildings in Spain

Name of the conference: 40th AIVC - 8th TightVent & 6th venticool Conference. From energy crisis to sustainable indoor climate - 40 years of AIVC

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Ghent, Belgium

Date of event: 15/10/2019

End date: 16/10/2019

Organising entity: Air Infiltration and Ventilation Centre, Ghent University, TightVent Europe, Venticool, INIVE

With external admission assessment committee: Yes

**Type of contribution:** Scientific paper

Irene Poza Casado; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. En: From energy crisis to sustainable indoor climate - 40 years of AIVC (Book of Proceedings). pp. 394 - 401. Available on-line at: <https://www.aivc.org/resources/collection-publications/aivc-conference-proceedings-presentations>. ISBN 9782930471563

- 6** **Title of the work:** Alternative solution proposal to improve the air change in light shafts based on flaps
Name of the conference: 40th AIVC - 8th TightVent & 6th venticool Conference. From energy crisis to sustainable indoor climate - 40 years of AIVC
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Ghent, Belgium
Date of event: 15/10/2019
End date: 16/10/2019
Organising entity: Air Infiltration and Ventilation Centre, Ghent University, TightVent Europe, Venticool, INIVE
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Miguel Ángel Padilla Marcos; Alberto Meiss; Raquel Gil Valverde; Irene Poza Casado; Jesús Feijó Muñoz. En: From energy crisis to sustainable indoor climate - 40 years of AIVC (Book of Proceedings). pp. 394 - 401. Available on-line at: <https://www.aivc.org/resources/collection-publications/aivc-conference-proceedings-presentations>. ISBN 9782930471563
- 7** **Title of the work:** Reports from various countries on the status of national annexes of ISO 9972. The case of Spain
Name of the conference: 11th International BUILDAIR Symposium
Type of participation: Participatory - invited/keynote talk
Corresponding author: Yes
City of event: Hanover, Hannover, Germany
Date of event: 24/05/2019
End date: 25/05/2019
Organising entity: Energie- und Umweltzentrum am Deister **Type of entity:** Associations and Groups
Irene Poza Casado.
- 8** **Title of the work:** Repercusión energética de las infiltraciones de aire a través de la envolvente de los edificios residenciales en España
Name of the conference: V Congreso Edificios Energía Casi Nula
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 28/11/2018
End date: 28/11/2018
Organising entity: Ministerio de Fomento, Grupo Tecmared
Type of contribution: Scientific paper
Irene Poza Casado; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. Available on-line at: <https://www.construible.es/comunicaciones/comunicacion-repercusion-energetica-infiltraciones-aire-traves-envolvente-edificios-residenciales-espana#.XEoGrI8RBdA.twitter>. ISBN 9781728821719



- 9** **Title of the work:** Preliminary analysis results of Spanish residential air leakage database
Name of the conference: 39th AIVC – 7th TightVent – 5th venticool Conference. Smart ventilation for buildings
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Antibes Juan-les-Pins, France
Date of event: 18/09/2018
End date: 19/09/2018
Organising entity: CETIAT, Air Infiltration and Ventilation Centre, TightVent Europe, Venticool, ADEME, INIVE
Type of contribution: Scientific paper
Irene Poza Casado; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. "Smart ventilation for buildings (Book of Proceedings)". Available on-line at: <<https://www.aivc.org/resources/collection-publications/aivc-conference-proceedings-presentations>>. ISBN 9782930471532
- 10** **Title of the work:** Infiltrations in residential buildings in Spain. Main factors that have an impact on airtightness
Name of the conference: 18th edition of the FEA Research Symposium
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Ghent, Belgium
Date of event: 06/02/2018
End date: 06/02/2018
Organising entity: University of Ghent
Irene Poza Casado.
- 11** **Title of the work:** Methodology for the characterization of the envelope airtightness of the existing housing stock in Spain
Name of the conference: 38th AIVC – 6th TightVent & 4th Venticool Conference. Ventilating healthy low-energy buildings
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Nottingham, United Kingdom
Date of event: 13/09/2017
End date: 14/09/2017
Organising entity: University of Nottingham, Air Infiltration and Ventilation Centre, TightVent Europe, Venticool, Brunel University London
Type of contribution: Scientific paper
Irene Poza Casado; Alberto Meiss; Miguel Ángel Padilla Marcos; Jesús Feijó Muñoz. "Ventilating healthy low-energy buildings (Book of Proceedings)". Available on-line at: <<https://www.aivc.org/resource/methodology-characterization-envelope-airtightness-existing-housing-stock-spain?volume=37270>>. ISBN 978-2-930471-51-8
- 12** **Title of the work:** Elaboración artesanal de adobes y ladrillos de tejar en la cerámica Nietos de Eulogio Bernardos Artesanos, en Arévalo
Name of the conference: XI CIATTI 2014. Congreso Internacional de Arquitectura en Tierra
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication



Corresponding author: No

City of event: Cuenca de Campos, Spain

Date of event: 27/09/2014

End date: 29/09/2014

Organising entity: Grupo Tierra. Universidad de Valladolid

Type of contribution: Scientific paper

José María Olivar Parra; Alfredo Llorente Álvarez; María Soledad Camino Olea; Irene Poza Casado. "Construcción con Tierra. Investigación y documentación". Available on-line at: <http://www5.uva.es/grupotierra/publicaciones2015.html>. ISBN 978-84-606-9543-1

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1 **Committee title:** Technical Standardisation Committee CEN: CTN 092 "Thermal insulation"
Affiliation entity: AENOR **Type of entity:** State agency
Start date: 24/06/2020
- 2 **Committee title:** Scientific Committee of the 41st AIVC - ASHRAE IAQ joint conference. IAQ 2020: Indoor Environmental Quality Performance Approaches Transitioning from IAQ to IEQ
Geographical area: Non EU International
Affiliation entity: ASHRAE and AIVC
- 3 **Committee title:** TightVent Airtightness Associations Committee – TAAC
Primary (UNESCO code): 330500 - Construction technology
Affiliation entity: TightVent Europe

Other achievements

Stays in public or private R&D centres

- 1 **Entity:** Lawrence Berkeley National Laboratory (LBNL) **Type of entity:** Public Research Body
City of entity: Berkeley, United States of America
Start-End date: 01/05/2022 - 31/07/2022 **Duration:** 3 months
Goals of the stay: Post-doctoral
- 2 **Entity:** Université Catholique de Louvain
City of entity: Louvain-La-Neuve, Belgium
Start-End date: 02/09/2019 - 06/09/2019 **Duration:** 5 days
Funding entity: Universidad de Valladolid **Type of entity:** University
Name of programme: Plan de Movilidad Docente a Instituciones de Enseñanza Superior y Empresas con fines de Formación dentro del marco del Programa ERASMUS+
Goals of the stay: Guest
- 3 **Entity:** Universidade do Porto **Type of entity:** University
Faculty, institute or centre: Faculdade de Engenharia
City of entity: Porto, Portugal



Start-End date: 01/02/2019 - 31/05/2019 **Duration:** 4 months
Funding entity: BANCO SANTANDER, S.A.
Name of programme: Beca UVA-Santander Investigación
Goals of the stay: Doctorate

4 **Entity:** Ghent University **Type of entity:** University
Faculty, institute or centre: Building Physics, Construction and Climate Control
City of entity: Ghent, Belgium
Start-End date: 05/02/2018 - 09/02/2018 **Duration:** 5 days
Funding entity: Universidad de Valladolid **Type of entity:** University
Name of programme: Plan de Movilidad Docente a Instituciones de Enseñanza Superior y Empresas con fines de Formación dentro del marco del Programa ERASMUS+
Goals of the stay: Guest

5 **Entity:** Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería de Bilbao
City of entity: Bilbao, Spain
Start-End date: 13/11/2017 - 16/11/2017 **Duration:** 4 days
Goals of the stay: Guest

6 **Entity:** Universidad de La Coruña **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura
City of entity: La Coruña, Spain
Start-End date: 03/07/2017 - 07/07/2017 **Duration:** 5 days
Goals of the stay: Guest

7 **Entity:** Aalto University **Type of entity:** University
Faculty, institute or centre: Department of Mechanical Engineering
City of entity: Espoo, Finland
Start-End date: 15/05/2017 - 19/05/2017 **Duration:** 5 days
Funding entity: Universidad de Valladolid **Type of entity:** University
Name of programme: Plan de Movilidad Docente a Instituciones de Enseñanza Superior y Empresas con fines de Formación dentro del marco del Programa ERASMUS+
Goals of the stay: Guest

8 **Entity:** Universitat Politècnica de Catalunya **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura
City of entity: Barcelona, Spain
Start-End date: 27/02/2017 - 03/03/2017 **Duration:** 5 days
Goals of the stay: Guest

9 **Entity:** Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior
City of entity: Alicante, Spain
Start-End date: 15/01/2017 - 19/01/2017 **Duration:** 5 days
Goals of the stay: Guest

10 **Entity:** Universidad de las Palmas de Gran Canaria **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Arquitectura
City of entity: Las Palmas de Gran Canaria, Spain
Start-End date: 08/12/2016 - 21/12/2016 **Duration:** 14 days

**Goals of the stay:** Guest

- | | |
|---|--|
| <p>11 Entity: Centro de Enseñanza Superior CEU-Arquitectura
 City of entity: Madrid, Spain
 Start-End date: 07/11/2016 - 11/11/2016
 Goals of the stay: Guest</p> | <p>Type of entity: University Centres and Structures and Associated Bodies
 Duration: 4 days</p> |
| <p>12 Entity: Universidad de Málaga
 Faculty, institute or centre: Escuela Técnica Superior de Arquitectura
 City of entity: Málaga, Spain
 Start-End date: 16/10/2016 - 21/10/2016
 Goals of the stay: Guest</p> | <p>Type of entity: University
 Duration: 5 days</p> |
| <p>13 Entity: Politecnico di Milano
 Faculty, institute or centre: Scuola di Architettura Urbanistica Ingegneria delle Costruzioni
 City of entity: Milán, Lombardia, Italy
 Start-End date: 15/09/2010 - 15/06/2011
 Goals of the stay: Erasmus estudios</p> | <p>Type of entity: University
 Duration: 9 months</p> |

Obtained grants and scholarships

- | | |
|---|--|
| <p>1 Name of the grant: Postdoctoral Grant Universidad de Valladolid
 Aims: Post-doctoral
 Awarding entity: Universidad de Valladolid
 Conferral date: 16/12/2021
 End date: 14/12/2022
 Entity where activity was carried out: Escuela Técnica Superior de Arquitectura</p> | <p>Type of entity: University
 Duration: 1 year</p> |
| <p>2 Name of the grant: Predoctoral Grant Universidad de Valladolid
 Aims: Pre-doctoral
 Awarding entity: Universidad de Valladolid
 Conferral date: 01/01/2019
 End date: 15/12/2021
 Entity where activity was carried out: Escuela Técnica Superior de Arquitectura</p> | <p>Type of entity: University
 Duration: 2 years - 11 months - 15 days</p> |

Prizes, mentions and distinctions

- | | |
|--|---|
| <p>1 Description: Evaluación POSITIVA de la actividad investigadora (2016-2021)
 Awarding entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
 Conferral date: 28/05/2022</p> | <p>Type of entity: Public Entity</p> |
| <p>2 Description: Evaluación POSITIVA de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de PROFESOR/A AYUDANTE DOCTOR/A
 Awarding entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
 Conferral date: 13/05/2022</p> | <p>Type of entity: Public Entity</p> |



- 3** **Description:** Evaluación POSITIVA de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de PROFESOR/A CONTRATADO/A DOCTOR/A
Awarding entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Type of entity: Public entity
Conferral date: 13/05/2022
- 4** **Description:** Evaluación POSITIVA de la actividad docente e investigadora para la contratación de profesorado universitario en la figura de PROFESOR/A DE UNIVERSIDAD PRIVADA
Awarding entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Type of entity: Public entity
Conferral date: 13/05/2022
- 5** **Description:** 2021 Travel Award
Awarding entity: ENERGIES, MDPI
Conferral date: 01/04/2021
- 6** **Description:** Best Poster Award at the 40th AIVC-8th TightVent & 6th venticool Conference
Awarding entity: AIVC - TightVent - VENTICOOL
Conferral date: 16/10/2019