

## CV of the researcher

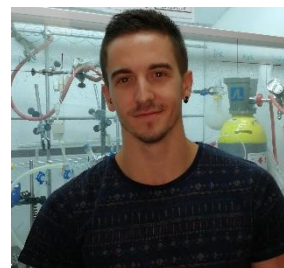
- **Personal Information**

**Pablo Hermosilla Fernandez**

PhD in Inorganic Chemistry, ISQCH (Institute of Chemical Synthesis and Homogeneous Catalysis), Department of Inorganic Chemistry, Zaragoza University, Pedro Cerbuna, 12, 50009 Zaragoza, España.

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**Date of Birth: 26/09/1992**

**Home Address: Sancho Ramírez Street, 50410, Cuarte de Huerva, Zaragoza, España.**

- **Previous Professional Scientific Experience**

Position	Institution	Duration
Predoctoral Researcher	University of Zaragoza (ISQCH)	06/2014 to 08/2014
Predoctoral Researcher	Advanced Microscopy Laboratory (INMA)	06/2016 to 12/2016
Predoctoral Researcher (FPI Fellowship)	University of Zaragoza (ISQCH)	05/2017 to 09/2021
Predoctoral Researcher	University of Zaragoza (ISQCH)	11/2021 to 10/2022
Postdoctoral Researcher	Chalmers	05/2023 to today

- **Academics**

Degree	College/Institution	Duration	Subject	Academic Program Average Mark
<b>PhD</b>	Institute of Chemical Synthesis and Homogeneous Catalysis, University of Zaragoza	2017-2022	Inorganic Chemistry	Cum Laude
<b>Master</b>	Nanoscience Institute of Aragon (Advance Microscopy Laboratories)	2015-2016	Nanostructured Materials for nanotechnology Applications	8.1/10
<b>Bachelor</b>	University of Zaragoza	2011-2015	Chemistry	7.6/10

- **Participation in Scientific Development Projects**

**Fellow Researcher** in “Activation of NH<sub>3</sub> and CO<sub>2</sub> by rhodium and iridium complexes and their application in the development of catalytic processes for the synthesis of high added value compounds” CTQ2015-67366-P/NH3CO2ACTFUN.

- **Research Map of Published Work**

**Total Number of Publications: 8**

Publishing Journal	Number	Total Citations	h-index
<i>Nat. Chem Biology.</i>	1	155	6
<i>ACS Nano</i>	1		
<i>Inorg. Chem. Front</i>	1		
<i>Polymer Chemistry</i>	1		
<i>Inorg. Chemistry</i>	1		
<i>European Polymer Journal</i>	1		
<i>Organometallics</i>	2		
<i>Journal of Catalysis</i>	1		

**ORCID ID:** <https://orcid.org/0000-0003-2249-6054>

**ResearchGate:** <https://www.researchgate.net/profile/Pablo-Hermosilla-3>

- **Conferences and Symposia**

1. **Title:** DFT Study of Ir(I) Complexes for CO<sub>2</sub> and NH<sub>3</sub> Activation

Type of participation: Poster

Event: XXXVI Biennial Meeting of Royal Spanish Society of Chemistry

Place: Sitges (Spain)

Date: 25-29<sup>th</sup> June 2017.

2. **Title:** Ir Complexes Based on a PNP Pincer Ligand: Reactivity and Catalysis

Type of participation: Poster

Event: Escuela International School of Organometallic Chemistry MMM

Place: Oviedo (Spain)

Date: 6-8<sup>th</sup> June 2018

3. **Title:** Alkyne Insertion into a C(sp<sup>2</sup>)-H Bond of a Rh CNC Dearomatized Complex through Metal-Ligand Cooperation.

Type of participation: Poster

Event: XXXVII Biennial Meeting of Royal Spanish Society of Chemistry

Place: San Sebastián (Spain)

Date: 26-30<sup>th</sup> May 2019

4. **Title:** Formic Acid Dehydrogenation Catalyzed by Rh-NHC Pincer Complexes: Catalytic Optimization and Study of the Reaction Mechanism

Type of participation: Flash Communication

Event: Conference of Young Researchers of Chemistry and Physics of Aragón

Place: Zaragoza(Spain)

Date: 16th December 2021

5. **Title:** Catalytic dehydrogenation of neat formic acid in the absence of solvent catalyzed by Rh-NHC pincer complexes

Type of participation: Oral Communication (Third Prize)

Event: I Symposium of Molecular Chemistry and Catalysis

Place: Zaragoza (Spain)

Date: 16<sup>th</sup> December 2021

6. **Title:** Ir Complexes Based on a PNP Pincer Ligand: Reactivity and Catalysis

Type of participation: Oral Communication

Event: VII PhD Conferences G-9

Place: Logroño (Spain)

Date: 10-12<sup>th</sup> April 2019