

Ayadjenou Humphrey Hounsinou



Date & place of birth 23 February 1995 in Ganvie, Benin
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PROFESSIONAL EXPERIENCE

Apr.-Aug. 2023
RWTH Aachen University, Department of Process Metallurgy and Metal Recycling (IME)
Research assistant in the hydrometallurgical laboratory
- developing an experimental plan to synthesize nanoparticles
- conducting and evaluating experiments
- preparation of a new research papers in an international journal

STUDY

Oct. 2022-Oct. 2023
University Felix Houphouet-Boigny, Training and Research Department for Structure Sciences of Matter and Technology (UFR-SSMT), Cote d'Ivoire
MSc in Green Hydrogen Production and Technology (Grade 16.42/20)

Oct. 2021-Oct. 2022
University Abdou Moumouni, Faculty of Sciences and Techniques (FST), Niger
Master 1 in Energy and Green Hydrogen (Grade 16.15/20)

Oct. 2015-Oct. 2018
National University of Agriculture, Crop and Seed Production and Management School (EGPVS), Benin
BSc in Agronomic and Water Sciences (Grade 16.04/20)

Oct. 2010-Jul. 2015
Secondary School of SIRACIDE, Benin
High School Diploma in Biology-Geology (Grade 14.31/20)

FURTHER TRAINING

Jun. 2023
European Metallurgical Conference (EMC 2023), Düsseldorf, Germany

Nov. 2022
Blue Planet Berlin Water Dialogues, Online Conference
Artificial Intelligence: Reshaping the Water Industry

Jun. 2021-Oct 2021
University of Cape Coast, Department of English, Ghana
English Proficiency (Grade B+)

LANGUAGES & SKILLS

French (Mother tongue)
English (fluent in writing, listening, reading, and speaking)
Microsoft Office programs , Matlab, Python

HOBBIES & VOLUNTARY WORK

Travelling, Singing, Running

PUBLICATIONS

Oct. 2023

Transformation of Iron (III) Nitrate from an Aerosol by Ultrasonic Spray Pyrolysis and Hydrogen Reduction, Journal of Metals, DOI: [10.3390/met13101686](https://doi.org/10.3390/met13101686)
Contributors: Srecko Stopic; Ayadjenou Humphrey Hounsinnou; Koffi Aka Stéphane; Tatjana Volkov Husovic; Elif Emil-Kaya; Bernd Friedrich

Ongoing
Received: Nov. 7, 2023

Synthesis of AgCoCuFeNi High Entropy Alloy Nanoparticles by Hydrogen Reduction-Assisted Ultrasonic Spray Pyrolysis, Journal of ChemEngineering, Preprint: [Researchgate](https://www.researchgate.net/publication/368111111)
Contributors: Srecko Stopic; Ayadjenou Humphrey Hounsinnou; Isnaldi Rodrigues Souza Filho; Tatjana Volkov Husovic; Elif Emil-Kaya; Bernd Friedrich

Online Profiles

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SciProfiles: <https://sciprofiles.com/profile/3138413>

LinkedIn: <https://www.linkedin.com/in/humphrey-hounsinnou-3638b81b2/>

Abomey-Calavi, 4.12.2023



Humphrey A. Hounsinnou