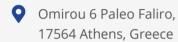


# PANAGIOTA BIKA

Date of birth: 21 Sep 1992

Nationality: Greek
Gender: Female

# **CONTACT**







#### **EDUCATION AND TRAINING**

**SEP 2010 – JUL 2017** – Caratheodory 1, University Campus, Patras, Greece

Diploma (BSc & MSc) in Chemical Engineering

Department of Chemical engineering, University of Patras, Greece

CO oxidation on Pd-supported catalysts at low temperatures | <a href="https://www.chemeng.upatras.gr/en?language=en">https://www.chemeng.upatras.gr/en?language=en</a>

**SEP 2017 – JUN 2018** – 3-5 rue de l'Université , Strasbourg, France

MSc in Engineering of Materials and Nanosciences

Faculty of Physics and Engineering, University of Strasbourg, France

Preparation and characterization of metal-polymer hybrid systems for biomedical applications | <a href="http://physique-ingenierie.unistra.fr/">http://physique-ingenierie.unistra.fr/</a>

SEP 2019 - CURRENT - Athens, Greece

PhD in Industrial Chemistry

National and Kapodistrian University of Athens, Department of Chemistry

2-D semiconductors based on triazine coupled with plasmonic nanoparticles: optical and photocatalytic properties | <a href="http://www.chem.uoa.gr/?lang=en">http://www.chem.uoa.gr/?lang=en</a>

### **WORK EXPERIENCE**

JAN 2016 - JUN 2016 - Toulouse, France

Undergraduate Researcher (Internship)

Interuniversity Center of Materials Research and Engineering, Toulouse, France

MAY 2019 - FEB 2022 - Athens, Greece

Scientific Associate

Institute of Nanoscience and Nanotechnology, National Scientific Centre of Research-Demokritos

### CONFERENCES AND SEMINARS

**19 NOV 2018 – 23 NOV 2018** > – Matériaux 2018, Strasbourg, France

Titanium coatings with PMMA and PBMA statistical and block copolymers for biomedical applications

**10 MAR 2021 – 14 MAR 2021** > – Athens Conference on Advances in Chemistry, Athens, Greece

• A redox-active triazine framework for photocatalytic applications

**31 MAY 2021 – 4 JUN 2021** > – European Materials Research Society, Spring 2021, Strasbourg, France

A covalent triazine framework of tunable emission for sensor applications

# **PUBLICATIONS**

 Reactive adsorption of CO from low CO concentrations streams on the surface of Pd/CeO2 catalysts

**2019** https://www.sciencedirect.com/science/article/pii/S0926860X19304600

G. Bampos, et al, Applied Catalysis A, General 588 (2019) 117305, 2

 Recent Advances in Covalent Organic Frameworks for Heavy Metal Removal Applications

**2021** https://www.mdpi.com/1996-1073/14/11/3197/htm M-A Gatou et al, Energies 2021 , 14 , 3197

An insight study into the parameters altering the emission of a covalent triazine framework

**2021** https://pubs.rsc.org/en/content/articlelanding/2021/tc/d1tc02985a#!

P. Bika et al, J. Mater. Chem. C, 2021,9, 13770-13781

### LANGUAGE SKILLS

MOTHER TONGUE(S): Greek

**OTHER LANGUAGE(S):** 

**English** 

<b>Listening</b> C2	<b>Reading</b> C2	Spoken production C2	Spoken interaction C2	<b>Writing</b> C2
French Listening C2	<b>Reading</b> C2	Spoken production C2	Spoken interaction C2	Writing C2