




## PANAGIOTA BIKA


Date of birth: 21 Sep 1992

Nationality: Greek

Gender: Female

### CONTACT

 Omirou 6 Paleo Faliro,  
17564 Athens, Greece

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 (+30) 6984185303

### 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 | [https://  
www.chemeng.upatras.gr/en?language=en](https://www.chemeng.upatras.gr/en?language=en)

**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 | <http://physique-ingenierie.unistra.fr/>

**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 | [http://  
www.chem.uoa.gr/?lang=en](http://www.chem.uoa.gr/?lang=en)

### 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/CeO<sub>2</sub> 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	<b>Spoken production</b> C2	<b>Spoken interaction</b> C2	<b>Writing</b> C2
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French

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