

## Curriculum vitae

Family name, First Name: **STERGIOPOULOS THOMAS**

Date of birth: **November 18, 1975**. Nationality: **GREEK**

Research ID: H-9098-2016,

ORCID: <https://orcid.org/0000-0002-6701-9975>



### • CURRENT POSITIONS

2022 – today Senior Researcher  
NCSR "Demokritos", Institute of Nanoscience and Nanotechnology, Athens (Greece)

### • EDUCATION

2006 PhD in Physics (Thesis title: *Spectroscopical characterization of dye solar cells*)  
University of Patras, School of Engineering, Patras, Greece  
1999 Bachelor in Chemistry  
University of Ioannina, Chemistry Department, Ioannina, Greece.

### • PREVIOUS EMPLOYMENT

2017 – 2022 Assistant Professor (tenure-track) in Physical Chemistry & Electrochemistry  
Chemistry Department, Aristotle University of Thessaloniki, Thessaloniki (Greece)  
2015 – 2017 Lecturer in Physical Chemistry & Electrochemistry  
Chemistry Department, Aristotle University of Thessaloniki, Thessaloniki (Greece)  
2014 – 2016 Marie-Curie Fellow  
University of Oxford, Department of Physics, Clarendon Laboratory, Oxford (UK)  
2006 – 2013 Post-doc Research Assistant  
NCSR "Demokritos", Institute of Physical Chemistry, Athens (Greece)  
2000 – 2005 Research Associate (working in National Research Programmes)  
NCSR "Demokritos", Institute of Physical Chemistry, Athens (Greece)

### • FELLOWSHIPS

2007 Greek State Scholarships Foundation ("Raman characterization of dye solar cells")  
2001 Centre International des Etudiants et Stagiaires, CIES (France)  
2000 French Government (Service Culturel de l'Ambassade de France)

### • INSTITUTIONAL RESPONSIBILITIES

2018 Member of the Committee for Scientific Equipment, Aristotle University of Thessaloniki  
2017 Member of the Chemistry Department Board, Aristotle University of Thessaloniki

### • EVALUATOR ACTIVITIES

In all cases, I was asked for peer reviews due to my internationally recognized expertise on perovskites:

2018 External expert for a Professor position at Linköping University.  
2017 Expert evaluator, Horizon 2020, Marie Skłodowska-Curie RISE  
2017 Review panel member, Proposals Evaluation, Greek Ministry of Education  
2016 Proposal Evaluator, Research Foundation - Flanders (FWO)  
2016 Proposal Evaluator, Israeli Ministry of Science, Technology and Space  
2015 Proposal Evaluator, Netherlands Foundation for Fundamental Research on Matter, FOM

### • EDITORIAL ACTIVITIES

2015 Guest Editor, Journal of Nanomaterials, Special Issue title: "Wide bandgap Semiconductors: Nanostructures, Defects, and Applications"  
2014 – today Review Editor, Frontiers in Chemistry (Physical Chemistry and Chemical Physics)

### • REFEREE ACTIVITIES

I have been selected as a peer reviewer for more than 35 journals in prestigious publishers (Wiley Interscience, American Chemical Society, Springer Nature, Elsevier), including leading journals such as

Advanced Materials, Angewandte Chemie and JACS.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2016 – today Member, Marie Curie Alumni Association  
2012 – today Member, American Nano Society  
1999 – today Member, Association of Greek Chemists

- **PRIZES / AWARDS**

2014 Academy of Athens (award for best published paper)  
2013 Latsis Public Benefit Foundation (Funding for Research Project)  
1991 Award from Greek Mathematical Society

- **FUNDING TRACK RECORD**

Independent application for funding and coordination of the following research programmes:

2019 – 2024 European Research Council / Consolidator Grant (2.700.000 euros)  
2020 – 2023 ELIDEK (200.000 euros)  
2016 – 2017 Aristotle University of Thessaloniki Research Committee, Project title: Electrical characterization of highly-efficient perovskite solar cells (total budget: 5.000 euros)  
2016 – 2017 Greek State Scholarships Foundation, Project title: Green Solvents for highly-efficient perovskite solar cells (total budget: 20.000 euros funding for PDRA)  
2015 – 2017 Greek State Scholarships Foundation, Project title: Advanced materials for highly-efficient and durable perovskite solar cells (total budget: 50.000 euros, funding for PhD student)  
2014 – 2016 Intra European Marie-Curie Fellowship, Project title: Novel MESO-SUPERstructured solar CELLS with enhanced performance and stability (total budget: 300.000 Euros)

- **INVITED PRESENTATIONS**

2017 MSc Organic Electronics & Applications –OREA (TEI of Crete, Herakleion, Greece)  
2017 3<sup>rd</sup> Training Workshop on Materials for Future Energy Sources (Athens, Greece)  
2016 4th Hellenic Forum of Science and Technology (NCSR Demokritos, Athens, Greece)  
2015 12th International Conference on Nanosciences & Nanotechnologies (Thessaloniki, Greece)

- **SCIENTIFIC TRACK-RECORD**

**80** Publications in International Peer Reviewed Journals:

**15** as first author, **17** as corresponding author, **5** invited (**3** invited review papers)

**5675** citations, h index = **37**, Source: Scopus

**3272** total citing articles without self-citations of all authors, ~**49** citations/article, Source: Scopus

**4** highly cited papers in the field (Source: ISI Web of Knowledge)

**2** papers in Nature family: **Nature Communications** (as co-author)

**1** paper with impact factor >**25**: **Energy and Environmental Science** (as co-author)

**3** papers with impact factor >**15**: **Advanced Energy Materials** (1 as first author, 1 as corresponding author)

**6** papers with impact factor >**10**: **Angewandte Chemie, Nanoletters** (first author, ranked 8th in Chemistry, Scopus), Coordination Chemistry Reviews (1 as first author)

**10** papers with impact factor >**8**: 3X **Journal of Physical Chemistry Letters**, 4X **Journal of Materials Chemistry A** (3 as corresponding author), Chemistry of Materials (ranked 5th in Materials Chemistry, Scopus), Small, Applied Catalysis B: Environmental

**16** papers with impact factor >**4**: Solar Energy Materials and Solar Cells, 4X **Electrochimica Acta** (ranked 3<sup>rd</sup> in Electrochemistry, Scopus), 5X **Journal of Physical Chemistry C**, Dalton Transactions, Chemical Engineering Journal, Journal of Power Sources (ranked 7<sup>th</sup> in Physical and Theoretical Chemistry, Scopus), Electrochemistry Communications, Chemistry-An Asian Journal, Journal of Catalysis, PCCP

**Additional:**

2 book chapters: Springer 2015, Wiley 2021

4 publications in international peer-reviewed conference proceedings

3 contributed talks in national or international conferences/symposia

Updated: 15/05/2022