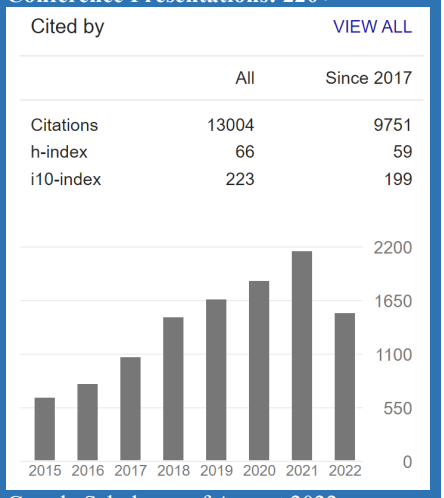
## C V - S U M M A R Y

**Publishing Track Record:**

**Peer-reviewed publications: 250+**
**Patent: 1** (USA, WO)
**Books: 1** Book, **12** Chapters
**Conference Presentations: 220+**




Google Scholar as of August 2022
https://scholar.google.com.tr/citations?user=pKzhjEQAAAAJ&hl=en

**Awards/Fellowships:**

- **FRSC - Fellow of the Royal Society of Chemistry**
- **2016 International Cyclodextrin Jozsef Szejtli Award** (given bi-annually, presented to Young Scientist recognizing outstanding achievements in Cyclodextrin research)
- **2014 TÜBİTAK Incentive Award** (the most prestigious award in Turkey, given by TUBITAK-Scientific & Technical Research Council of Turkey) (given only under 40 years of age)
- **2012 Fiber Society Distinguished Achievement Award** (given only under 40)
- **2012 Turkish Academy of Sciences Outstanding Young Scientists Award (TÜBA-GEBİP)** (the second most prestigious award in Turkey, given by TUBA, given under 40)
- **2010 METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award** (given only under 40)
- **2009 FABED Outstanding Young Scientist Award** (given only under 40 years of age)

**Research Interests:**

Functional Nanofibers and Nanomaterials;

- **Textiles** (nanotextiles, medical textiles, protective textiles)
- **Health Care** (fast-dissolving drug delivery, controlled/sustained drug release, wound dressing, biomedical, etc.)
- **Environmental/Filtration** (molecular filters, wastewater treatment, VOCs removal, photocatalysis)
- **Sensors** (nanofibrous sensors/biosensors)
- **Food, Food Packaging, Agriculture** (delivery and stabilization of food additives; essential oils, antioxidants, antibacterials, nanofood, nanofibrous food packaging, controlled delivery of pesticides, nanofertilizer)

## B I O G R A P H Y

### A s s o c . P r o f . T A M E R U Y A R

Dr. Uyar obtained his Ph.D. degree from North Carolina State University (Raleigh, NC, USA), College of Textiles, Fiber & Polymer Science in September 2005. Currently, Dr. Uyar is an Associate Professor at Fiber Science Program, Department of Human Centered Design at Cornell University (Ithaca, NY, USA). Before joining to Cornell in Jan 2019, Dr. Uyar was appointed as an Associate Professor (2014-2018) and Assistant Professor (2009-2014) at UNAM- Institute of Materials Science & Nanotechnology at Bilkent University (Ankara, Turkey). Previously, Dr. Uyar was an Assistant Professor at Interdisciplinary Nanoscience Center (iNANO) at Aarhus University (Denmark) (2007-2008). Dr. Uyar was a postdoctoral researcher at iNANO (2006-2007) and Macromolecular Sci. & Eng., Case Western Reserve University (Cleveland, OH, USA) (2005-2006). Dr. Uyar has also worked as a PhD summer intern (summer of 2002, 2003 and 2004) at Baby Care R&D at Procter & Gamble (P&G) Company (Cincinnati, OH, USA). He has completed two MS programs; one from Materials Sci & Eng at University of Cincinnati (OH, USA) (2002) and the other is from Chemistry at Middle East Technical Univ (METU) (2000), Turkey. He received his B.S. degrees in Chemistry Education double major with Chemistry at METU (1998), graduated with honors.

Currently, Prof. Uyar is leading NanoFibers & NanoTextiles Laboratory at Fiber Science program at Department of Human Centered Design at Cornell University. His main focus is nanofibers and nanomaterials with novel functionalities for applications in Textiles, HealthCare, Environmental, Filtration, Catalysis, Sensors, Food & Food Packaging, and Agriculture.

Prof. Uyar is the editor of 1 Book, author of 12 Book Chapters and 250+ peer-reviewed journal papers having 12000+ citations with h-index=65. He holds 1 issued US/World patent. Dr. Uyar and his research group members have given 220+ presentations in International/National conferences.

Prof. Uyar is a FRSC-Fellow of the Royal Society of Chemistry since 2021. He serves as Editorial Board Member for Scientific Reports (2017-present, by Springer Nature) Editorial Board of Journal of Nanomaterials (2014-2022 by Hindawi) and Editorial Advisory Board of *e-Polymers* (2014-present, by De Gruyter). He served as the Vice-Chair of COST Action MP1206 - Electrospun Nano-fibres for bio inspired composite materials and innovative industrial applications (2013-2017). He served in Scientific Committees in many international conferences/workshops Dr. Uyar regularly review papers for journals (Nature Group, ACS, RSC, Elsevier, Wiley, Springer, etc).

Prof. Uyar is the recipient of several prestigious awards, given only under 40 years of age, including • 2016 International Cyclodextrin Jozsef Szejtli Award • 2014 TÜBİTAK Incentive Award • 2012 Fiber Society Distinguished Achievement Award • 2012 Turkish Academy of Sciences Outstanding Young Scientists Award (TÜBA-GEBİP) • 2010 METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award • 2010 EU, FP7, Marie Curie International Reintegration Grant (IRG) Fellowship • 2009 Outstanding Young Scientist Award by Feyzi Akkaya Science Foundation (FABED).