

# Nizar B. Alsharif

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## Education

### Chemistry, PhD

Jan 2019 – Jan 2023

MTA-SZTE "Lendület" Biocolloids Research Group

University of Szeged, Hungary

### Chemistry, MS

Sep 2016 – Jun 2018

**GPA:** 4.74/5.00 | Excellent

University of Szeged, Hungary

### Chemistry, BS

Sep 2009 – Jul 2013

**GPA:** 90.47/100 | *Excellent With First Honor Degree*

Hebron University, Palestine

## Work Experience

### Research Assistant

Feb 2017 – Aug 2017

University of Szeged, Hungary

- Layer-by-layer assembly of multilayered and water purification-effective graphene oxide/polyelectrolyte thin films of stable, highly uniform, and pH-unaffected structure as evidenced by spectrophotometry

### Private Tutor

Aug 2013 – Jun 2016

Hebron, Palestine

- Individual/group tutoring of high school students and college freshmen. Development of lecture notes and tutoring materials.

### Summer Internship

Jun 2011 – Aug 2011

King Abdullah University of Science & Technology (KAUST), Saudi Arabia

- Acquiring decent background in nanomaterials for energy storage devices resulting in fabrication and electrochemical testing of supercapacitor devices of outstanding performance

## Awards

- 2<sup>nd</sup> place (shared) for best MS thesis work, *Scientific Students Association* (TDK) competition, University of Szeged, 2018
- *Stipendium Hungaricum* scholarship for MS studies in Hungary
- Undergraduate tuition waiver award (7 semesters)

## Academic Skills

Communication skills

Teamwork/Independence

Organization skills

Adaptability

English (Advanced)	OriginLab
Arabic (Native)	Igor
German (elementary)	ChemDraw

## *Conference contributions*

- Nizar Alsharif, Tamás Szabó, István Szilágyi, Erzsébet Illés; Heterocoagulation- & Heteronucleation-Synthesized Iron Oxide/Graphene Oxide Nanocomposites for High-Performance Magnetic Hyperthermia; 33rd Conference of the European Colloid and Interface Society (ECIS), Leuven, Belgium, 8-13 September 2019.
- Áron Dernovics, Nizar B. Alsharif, and Tamás Szabó; graphene oxide/polycation layer-by-layer structures assembled from acidic, basic, and neutral solutions; 32nd Conference of the European Colloid and Interface Society, Ljubljana, Slovenia, 2-7 September, 2018.
- Nizar B. Alsharif, Áron Dernovics, and Tamás Szabó; graphene oxide/polycation layer-by-layer structures assembled from acidic, basic, and neutral solutions; 11th Conference on Colloid Chemistry, Eger, Hungary, 28-30 May, 2018.
- Erzsébet Illés, Lilla Nánai, Nizar Alsharif, Dániel Nesztor, Ondřej Malina, Etelka Tombácz, Tamás Szabó; One-pot Scalable Synthesis of Magnetite/Graphene Oxide Nanocomposites under Mild Conditions, 11th Conference on Colloid Chemistry, May 28-30, 2018 Eger, Hungary.
- Etelka Tombácz, Nizar Alsharif, Lilla Nánai, Ondřej Malina, Erzsébet Illés, and Tamás Szabó; preparation of graphene oxide/magnetite nanocomposites: mild electrostatic vs. harsh chemical routes; 12th International Conference on the Scientific & Clinical Applications of Magnetic Carriers, Copenhagen, Denmark, 22-26 May, 2018.
- Tamás Szabó, Lilla Nánai, Erzsébet Illés, Nizar Alsharif, Etelka Tombácz; scalable and mild synthesis of magnetic graphene oxide nanocomposites; COST–RADIOMAG Annual Action Progress Conference & MC meeting, Timisoara, Romania, 22-23 March, 2018.
- Nizar B. Alsharif, Alexandr Talyzin, and Tamás Szabó; stability of graphene oxide-based self-assembled multilayers in aqueous solutions; Carbonhagen 2017, Copenhagen, Denmark, 16-17 August, 2017.

## *Hobbies*

- Swimming
- Reading (a fan of Dale Carnegie and Tony Robbins writings)
- Music (Greek, Jazz, country, piano, guitar)