# SABA REISI

Email: saba.reisi@ut.ac.ir , saba.reisi96@gmail.com
My Profile on: Google Scholar, LinkedIn, Researchgate

## EDUCATION

- ***M.Sc. in Environmental Engineering, Tehran University (2020-2023) , GPA: 18.42/20 (Ranked 1st)***
- Advisor(s): Dr. Majid Baghdadi – Dr. Mohammad Ali Abdoli
- Thesis**:** Immobilization of polypyrrole on waste face masks using a novel in-situ-surface polymerization method: removal of Cr(VI) from electroplating wastewater

***B.Sc. in Civil Engineering, Shahrekord University (2014-2019)***

- Advisor(s): Dr. Ali Heydari

## PUBLICATIONS

[1] **Reisi S**, Farimaniraad H, Baghdadi M, Abdoli MA. Immobilization of polypyrrole on waste face masks using a novel in-situ-surface polymerization method: removal of Cr (VI) from electroplating wastewater. Environmental Technology. 2023 May 16:1-2, https://doi.org/10.1080/09593330.2023.2210771.

[2] Reisi S, Farimaniraad H, Yavari MA, Baghdadi M. Preparation of waste face masks modified with MnO2/poly (m-phenylenediamine) as a novel adsorbent for hexavalent chromium removal: Comprehensive batch and column study. Journal of Molecular Structure. 2023 Jul 15:136218, https://doi.org/10.1016/j.molstruc.2023.136218.

[3] Negarestani M, Tavassoli S, **Reisi S**, Beigi N, Mollahosseini A, Hosseinzadeh M, Kheradmand A. Preparation of sisal fiber/polyaniline/bio-surfactant rhamnolipid-layered double hydroxide nanocomposite for water decolorization: kinetic, equilibrium, and thermodynamic studies. Scientific Reports. 2023 Jul, https://doi.org/10.1038/s41598-023-38511-0.

[4] Negarestani M, **Reisi S**, Sohrabi M, Shayesteh H, Farimaniraad H, Mollahosseini A, Hosseinzadeh M, Tavassoli S. In-situ growth of Al/Ni layered double hydroxide onto polyaniline-wrapped sisal fibers for highly efficient removal of pharmaceutical contaminants: Batch and fixed-bed column studies. Journal of Water Process Engineering. https://doi.org/10.1016/j.jwpe.2023.104657 .

[5] Negarestani M, Shayesteh H, **Reisi S**, Tavassoli S, Farimaniraad H , Mollahosseini A, Kheradmand A. Natural and environmentally friendly rhamnolipid functionalized luffa fibers for adsorptive removal of pharmaceutical contaminant: Batch and fixed-bed column studies. Journal of Chemical Engineering Science. https://doi.org/10.1016/j.ces.2024.120552 .

[6] **Reisi S**, Farimaniraad H, Baghdadi M. Photocatalytic degradation of bisphenol A using a novel expanded graphite modified with boric acid and m-phenylenediamine (In preparation).

[7] **Reisi S**, Farimaniraad H, Baghdadi M. Preparation of expanded graphite modified with boric acid and m-phenylenediamine and its application for Cr(VI) removal from aqueous solutions (In preparation).

## SKILLS

- **Language***: Persian (Native), English (Advanced), French (Beginner)*
- **Microsoft Office Package***:(Word, PowerPoint, Excel, Publisher) at a professional level*
- **Other softwares**: *Design Expert (Used professionally in my thesis), AutoCAD, Sima Pro, Help, SPSS*

## EXPERIENCES

- Laboratory ***Research Assistant*** of Water and Wastewater Laboratory **(2021 – 2023)**
- ***Member of the executive committee*** of 17th Iranian Hydraulics Conference, Shahrekord, Iran.
- ***Teaching Assistant*** Experience at the University of Tehran: Advanced Chemical Treatment of Water and Wastewater

## REFERENCES

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| Dr. Majid Baghdadi | Associate Professor | **Email:** m.baghdadi@ut.ac.ir |
| Dr. Mohammad Ali Abdoli | Professor | **Email:** mabdoli@ut.ac.ir |
| Dr. Maryam Pazoki | Assistant Professor | **Email:** mpazoki@ut.ac.ir |
| Dr. Hamed Javdanian | Associate Professor | **Email:** javdanian@sku.ac.ir |