

In The Name of GOD

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Education**BSc.**

University: Kharazmi University

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MSc.

University: Iran University of Science and Technology

Major: Nanochemistry

Thesis: Synthesis of graphene/chitosan nanocomposite for controlled drug release

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Phd.

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Major: Nanotechnology

Research Experience:

Drug Delivery, Nanobiothechnology, Nanochemistry

Publications:

- Gooneh-Farahani, S., Naghib, S. M., Naimi-Jamal, M. R., and Seyfoori, A. **2021**. A pH-sensitive nanocarrier based on BSA-stabilized graphene-chitosan nanocomposite for sustained and prolonged release of anticancer agents. *Scientific Reports*, 11(1): 1-14. [DOI 10.1038/s41598-021-97081-1](https://doi.org/10.1038/s41598-021-97081-1)



- Gooneh-Farahani, S., Naimi-Jamal, M.R., and Naghib, S.M. **2020**. A novel and inexpensive method based on modified ionic gelation for pH-responsive controlled drug release of homogeneously distributed chitosan nanoparticles with a high encapsulation efficiency. *Fibers and Polymers*, 21(9): 1917-1926. [DOI 10.1007/s12221-020-1095-y](https://doi.org/10.1007/s12221-020-1095-y)
- Gooneh-Farahani, S., Naimi-Jamal, M.R., and Naghib, S.M. **2019**. Stimuli-responsive graphene-incorporated multifunctional chitosan for drug delivery applications: a review. *Expert opinion on drug delivery*, 16(1): 79-99. [DOI: 10.1080/17425247.2019.1556257](https://doi.org/10.1080/17425247.2019.1556257). **Highly Cited Paper** (as of January/February 2020, the field of pharmacology & toxicology).
- Gooneh-Farahani, S., Naghib, S.M. and Naimi-Jamal, M.R. **2019**. A Critical Comparison Study on the pH-Sensitive Nanocomposites Based on Graphene-Grafted Chitosan for Cancer Theragnosis. *Multidisciplinary Cancer Investigation*, 3(1): 5-16. [DOI: 10.30699/acadpub.mci.3.1.5](https://doi.org/10.30699/acadpub.mci.3.1.5)

• سحر گونه فراهانی ، محمد رضا نعیمی جمال ، سید مرتضی نقیب. ۱۳۹۶. مروری بر روش‌های ساخت نانوکامپوزیت بر پایه کیتوسان در دارورسانی. پژوهش و توسعه فناوری پلیمر ایران، (۶): ۶۷-۷۶. کد

مقاله : [۱۳۹۶۰۹۲۸۱۲۱۱۴۱۹۷۵۹](https://doi.org/10.30699/acadpub.mci.3.1.5)