

به نام خداوند بخشنده مهربان

پیامبر اکرم (ص):

در تحصیل علم بکوشید که فرا گرفتن آن حسنه و تکرار آن تسبیح و کاوش در آن جهاد و آموختن آن صدقه و نشرش موجب قربت است.



Dr. Maryam Salimi
Academic Rank: Assistant Professor

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Address: Department of Environmental Health Engineering, School of Public Health, Jiroft University of Medical Sciences, Jiroft, Iran

Education

1. Ph.D
Environmental Health Engineering, Iran University of Medical Sciences, Tehran, Iran.
2. M.Sc
Environmental health Engineering, Isfahan University of Medical Sciences, Isfahan, Iran.
3. B.Sc
Environmental Health Engineering, Hamedan University of Medical Sciences, Hamedan, Iran.
4. A.Dc
Environmental Health Engineering, Kermanshah University of Medical Sciences, Kermanshah, Iran.

Honors

Top student in the comprehensive examination of PhD in Department of Environmental Health Engineering, School of Health, Iran University of Medical Sciences, Tehran, Iran, 2018.

Top Student in the Education and Research in Department of Environmental Health Engineering, School of Health, Iran University of Medical Sciences, Tehran, Iran, 2018.

First rank in the Course work of PhD in Department of Environmental Health Engineering, School of Health, Iran University of Medical Sciences, Tehran, Iran, 2020

Scientific Position

1. Assistant Professor

Department of Environmental Health Engineering, School of Public Health, Jiroft University of

Medical Sciences, 2020

Course Teaching

1- A.Dc

Safety and workplace health

2- B.Sc

Fluid Mechanic, Collection and disposal of solid waste, Principles of Thermodynamics and Heat Transfer, Water transportation and distribution, Food Control And inspection

Published Papers (ISI-indexed)

[Application of MIL-53 \(Fe\)/urchin-like g-C₃N₄ nanocomposite for efficient degradation of cefixime](#)

M Salimi, A Esrafil, AJ Jafari, M Gholami, HR Sobhi

Inorganic Chemistry Communications 111, 107565

[Photocatalytic degradation of cefixime with MIL-125 \(Ti\)-mixed linker decorated by g-C₃N₄ under solar driven light irradiation](#)

M Salimi, A Esrafil, AJ Jafari, M Gholami, HR Sobhi, M Nourbakhsh, ...

Colloids and Surfaces A: Physicochemical and Engineering Aspects 582, 123874

[Photocatalytic Degradation of Metronidazole Using D-g-C₃N₄-Bi₅O₇I Composites Under Visible Light Irradiation: Degradation Product, and Mechanisms](#)

M Salimi, A Esrafil, HR Sobhi, M Behbahani, M Gholami, M Farzadkia, ...

ChemistrySelect 4 (35), 10288-10295

[Extraction of carbonyl derivatives from ozonated wastewater samples using hollow fiber liquid phase microextraction followed by gas chromatography-electron capture detection](#)

HR Sobhi, M Behbahani, M Ghambarian, M Salimi, A Esrafil

Microchemical Journal 148, 331-337

[A new nano-photocatalyst based on Pt and Bi co-doped TiO₂ for efficient visible-light photo degradation of amoxicillin](#)

M Salimi, M Behbahani, HR Sobhi, M Gholami, AJ Jafari, RR Kalantary, ...

New Journal of Chemistry 43 (3), 1562-1568

[Dispersive solid-phase extraction of selected nitrophenols from environmental water samples using a zirconium-based amino-tagged metal-organic framework nanosorbent](#)

M Salimi, M Behbahani, HR Sobhi, M Ghambarian, A Esrafil

Journal of separation science 41 (22), 4159-4166

[Contaminants of emerging concern: a review of new approach in AOP technologies](#)

M Salimi, A Esrafil, M Gholami, AJ Jafari, RR Kalantary, M Farzadkia, ...

Environmental monitoring and assessment 189 (8), 414

Published Papers (ISC-indexed)

[Influence of electrical conductivity on the phytoremediation of contaminated soils to Cd²⁺ and Zn²⁺](#)

M Salimi, MM Amin, A Ebrahimi, A Ghazifard, P Najafi

International Journal of Environmental Health Engineering 1 (1), 11

[Evaluation of new location of Isfahan's sanitary landfill site with Oleckno method](#)

M Salimi, A Ebrahimi, A Salimi

International Journal of environmental health engineering 2 (1), 33

تأثیر شوری بر گیاه پالایی کادمیوم از خاک‌های آلوده

مریم سلیمی، محمد مهدی امین، افشین ابراهیمی، اکبر قاضی فرد، پیام نجفی، حسین امینی، پروین رزمجو، مرضیه وحید دستجردی

تحقیقات نظام سلامت 7 (6), 1137-1130

ارزیابی آسیب پذیری آبخوان واقع در مکان جدید دفن پسماند شهری اصفهان بر اساس مدل دراستیک

مریم سلیمی، افشین ابراهیمی، افسانه سلیمی

تحقیقات نظام سلامت 10 (2), 395-405

بررسی حذف فتوکاتالیستی آموکسی سیلین از محیط آبی با استفاده از $\text{Bi}_2\text{O}_3\text{-TiO}_2$

علی اسرافیلی، مریم سلیمی، احمد جنیدی جعفری، روشنک رضایی کلانتری

تحقیقات نظام سلامت 14 (3), 369-376

حذف فتوکاتالیستی مترونیدازول از محیط آبی با استفاده از تیتانیوم دی اکساید- کربن نیتريد گرافیتی ($\text{g-C}_3\text{N}_4\text{-TiO}_2$)

علی اسرافیلی، مریم سلیمی، میترا غلامی، مهدی فرزادکيا

تحقیقات نظام سلامت 14 (3), 403-409

Research projects

Simultaneous trace measurement of lead and cadmium in wastewater samples using a novel MOF-based μ -dispersive solid phase extraction (NIMAD)

Application of UiO-66-NH₂ Organic Metal Structure as an Efficient Nano Absorbent for Extraction of Nitrophenols from Aquatic Media (NIMAD)

The effectiveness of the application of nanoparticles/Metal Organic framework $\text{g-C}_3\text{N}_4/\text{MIL-125}(\text{Ti})$ and $\text{g-C}_3\text{N}_4/\text{MIL-53}(\text{Fe})$ for the photocatalytic removal of Cefixime and Metronidazole antibiotic from aquatic environment

investigation performance of photocatalyst activated in visible light with high performance based on bismuth and platinum doping on TiO_2 for photocatalytic degradation of beta-lactam antibiotics

Synthesis of $\text{g-C}_3\text{N}_4 / \text{TiO}_2$ and $\text{C}_3\text{N}_4 / \text{Bi}_5\text{O}_7\text{I}$ nano-photocatalysts and their comparative performance in the photocatalytic removal process of benzatin penicillin G and metronidazole in aqueous solutions.

Systematic review of the role of platinum ions in TiO_2 crystal structure with the aim of enhancing its photocatalytic activity in the removal of organic pollutants from aqueous media

Effect of salinity on removal of three heavy metals including lead, cadmium and zinc from contaminated soil by plant resuscitation method using sunflower squirrel *Helianthus annuus*

Evaluation of mercury removal efficiency from drinking water by activated carbon carbon-filled column and comparison with zeolite and anthracite efficiency

Extraction and measurement of carbonyl compounds from ozonation of wastewater samples by hollow fiber microextraction and measurement by gas chromatography with electron capture detector

Seminars Attended

بررسی کیفیت باکتریولوژی آب شرب روستاهای استان کرمانشاه در نیم سال اول 1383

دومین همایش منطقه ای دانشجویی غرب کشور

تأثیر شوری بر گیاه پالایی کادمیوم از خاکهای آلوده

چهاردهمین همایش ملی بهداشت محیط

بررسی شاخص آلودگی هوا در کرمانشاه تابستان 1388

دومین همایش منطقه ای دانشجویی غرب کشور

تحلیل آماری و سینوپتیکی گرد و غبارها در کرمانشاه و سنجیدگی از سال 1990 تا 2009

دومین همایش منطقه ای دانشجویی غرب کشور

The economic analysis of municipal solid waste recycling in iran: a case study in Abadan

Conference On Environmental Health And Sustainable Development

Books

Advanced water treatment with membrane processes (2014)

M Salimi, A Ebrahimi

Advanced water treatment with emphasis on membrane processes and ion exchange (2015),

M Salimi, A Ebrahimi

Memberships

Association of Environmental Health

Skills

Microsoft office, SPSS, GIS

Short Courses / Workshops

Educational Planning, Educational methods And teaching

How to make an effective journal club

Survey surface and Porosity measurement with BET method

Li-ion Battery workshop

Basics of Thermal Analysis(TGA-DSC-DTA)

Infrared Spectroscopy, Basics and Applications(FT-IR)

Systematic review and meta-analysis

River restoration and flooding mitigation workshop

ResearchInterests

- 1- Contaminant of emerging Concerns
- 2- AOPs technology
- 3- Toxicology in environmental health science