

## بسمه تعالی

سوابق علمی و پژوهشی

دکتر رضا سعیدی



### ۱- مشخصات فردی

درجه علمی: دانشیار

گروه: سلامت، ایمنی و محیط زیست

دانشکده: بهداشت و ایمنی

دانشگاه: علوم پزشکی شهید بهشتی

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### ۲- سوابق تحصیلی

- دکترای تخصصی، مهندسی بهداشت محیط، دانشگاه علوم پزشکی تهران، ۱۳۹۰
- کارشناسی ارشد، مهندسی بهداشت محیط، دانشگاه علوم پزشکی تهران، ۱۳۸۴
- کارشناسی بهداشت محیط، دانشگاه علوم پزشکی شهید بهشتی، ۱۳۸۱

### ۳- موفقیت‌های علمی

- برگزیده و برنده جایزه فدراسیون سرآمدان معاونت علمی و فناوری ریاست جمهوری در سال ۱۴۰۰
- برگزیده گروه پایان‌نامه مقطع دکترای تخصصی در سومین جشنواره ملی بهداشت محیط در سال ۱۳۹۰
- برگزیده گروه پایان‌نامه مقطع کارشناسی ارشد در دوازدهمین جشنواره تحقیقاتی علوم پزشکی رازی در سال

۱۳۸۵

- کسب رتبه اول آزمون دکتری دانشگاه علوم پزشکی تهران در رشته بهداشت محیط در سال ۱۳۸۴
- کسب رتبه اول آزمون کارشناسی ارشد وزارت بهداشت، درمان و آموزش پزشکی در رشته مهندسی بهداشت محیط در سال ۱۳۸۲
- فارغ التحصیل رتبه اول دوره دکترای تخصصی مهندسی بهداشت محیط با معدل ۱۸/۷۸ در دانشگاه علوم پزشکی تهران در سال ۱۳۹۰
- فارغ التحصیل رتبه دوم دوره کارشناسی ارشد مهندسی بهداشت محیط با معدل ۱۷/۹۹ در دانشگاه علوم پزشکی تهران در سال ۱۳۸۴
- فارغ التحصیل رتبه اول دوره کارشناسی بهداشت محیط با معدل ۱۸/۲۳ در دانشگاه علوم پزشکی شهید بهشتی در سال ۱۳۸۱

#### ۴- فعالیتهای علمی و اجرایی

- دانشیار گروه سلامت، ایمنی و محیطزیست، دانشکده بهداشت و ایمنی، دانشگاه علوم پزشکی شهید بهشتی، از سال ۱۳۹۸ تا کنون
- استادیار، گروه سلامت، ایمنی و محیطزیست، دانشکده بهداشت و ایمنی، دانشگاه علوم پزشکی شهید بهشتی، از سال ۱۳۹۷ تا ۱۳۹۸
- استادیار، گروه علوم بهداشتی، دانشکده سلامت، ایمنی و محیطزیست، دانشگاه علوم پزشکی شهید بهشتی، از سال ۱۳۹۱ تا ۱۳۹۷
- مربی، گروه علوم بهداشتی، دانشکده سلامت، ایمنی و محیطزیست، دانشگاه علوم پزشکی شهید بهشتی، از سال ۱۳۸۶ تا ۱۳۹۱
- مدیر گروه سلامت، ایمنی و محیطزیست از سال ۱۴۰۱ تا کنون
- مدیر امور پژوهشی دانشکده بهداشت و ایمنی از سال ۱۴۰۰ تا کنون
- مدیر گروه علوم بهداشتی از سال ۱۳۹۴ تا ۱۳۹۷
- عضو کارگروه کاهش مخاطرات و آلودگی‌های تهدیدکننده سلامت فرهنگستان علوم پزشکی ایران از سال ۱۳۹۸ تا کنون
- عضو وابسته فرهنگستان علوم پزشکی ایران از سال ۱۴۰۱ تا کنون
- عضو هیأت تحریریه مجله Journal of Air Pollution and Health از سال ۱۳۹۴ تا کنون
- عضو هیأت تحریریه مجله علمی پژوهشی سلامت و محیطزیست از سال ۱۳۹۱ تا کنون
- ویراستار علمی مجله علمی پژوهشی سلامت و محیط از سال ۱۳۸۷ تا کنون

## ۵- برخی از زمینه‌های تدریس

- مدیریت بهداشت محیط
- مدیریت پسماند خطرناک
- مهندسی محیط‌زیست پیشرفته
- بهداشت محیط در بلایا و فوریتها
- بهداشت پرتوها
- کلیات محیط‌زیست
- مدیریت کیفیت منابع آب
- قوانین، مقررات و استانداردهای HSE
- عملیات و فرایندها در بهداشت محیط
- ارزیابی و مدیریت ریسک بهداشتی
- تصفیه فاضلاب شهری
- تصفیه فاضلاب صنعتی

## ۶- برخی از زمینه‌های پژوهشی

- ارزیابی و مدیریت ریسک مخاطرات بهداشتی و زیست‌محیطی
- پایش‌ها و شاخص‌های زیست‌محیطی
- کمی‌سازی اثر بهداشتی آلودگی‌های محیطی
- مدیریت بهداشت، ایمنی و محیط‌زیست
- ارتقاء سلامت محیط کار

## ۷- عضویت در انجمنهای علمی

- عضو بنیاد ملی نخبگان
- عضو انجمن علمی بهداشت محیط ایران

## ۸- آشنایی با زبان خارجی

- انگلیسی

## ۹- سوابق پژوهشی

### الف. مقالات ارائه شده در مجلات

- 1) Soleimani F, Dobaradaran S, Mohebbi G, Vazirizadeh A, De-la-Torre GE, Saedi R, et al. Toxic effect of cigarette butts leachates on blood markers of *Periophthalmus waltoni* species from the Persian Gulf region. *Chemosphere*. 2023;319:138036.

- 2) **Saeedi R**, Ahmadi E, Hassanvand MS, Mohasel MA, Yousefzadeh S, Safari M. Implemented indoor airborne transmission mitigation strategies during COVID-19: a systematic review. *Journal of Environmental Health Science and Engineering*. 2023;1-10.
- 3) Niknejad H, **Saeedi R**, Hosseini SA, Abedi Sarvestani R, Abtahi M, Hesami Arani M, et al. Health risk assessment of heavy metals in drinking water: a case study in western cities of Mazandaran province, Iran. *International Journal of Environmental Analytical Chemistry*. 2023;1-16.
- 4) Niknejad H, Ala A, Ahmadi F, Mahmoodi H, **Saeedi R**, Gholami-Borujeni F, et al. Carcinogenic and non-carcinogenic risk assessment of exposure to trace elements in groundwater resources of Sari city, Iran. *Journal of Water and Health*. 2023;21(4):501-13.
- 5) Doroodzani AK, Dobaradaran S, Rahmani E, Nabipour I, Malekizadeh H, Raeisi A, **Saeedi R**, et al. A comparative monitoring of maternal and cord serum polychlorinated biphenyls levels from Iranian pregnant women between industrial and urban areas. *Environmental Pollution*. 2023;317:120781.
- 6) Azari A, Abtahi M, Dobaradaran S, **Saeedi R**, Yari AR, Vaziri MH, et al. Polycyclic aromatic hydrocarbons in high-consumption soft drinks and non-alcoholic beers in Iran: Monitoring, Monte Carlo simulations and Human health risk assessment. *Microchemical Journal*. 2023:108791.
- 7) Amiri L, Doroodzani AK, Ostovar A, Dobaradaran S, Mohammadi A, Nabipour I, **Saeedi R**, et al. Lactational exposure of human infants to metal (loid) s: A comparison of industrial and urban inhabitants in north of the Persian Gulf. 2023.
- 8) Abtahi M, Dobaradaran S, Koolivand A, Jorfi S, **Saeedi R**. Assessment of cause-specific mortality and disability-adjusted life years (DALYs) induced by exposure to inorganic arsenic through drinking water and foodstuffs in Iran. *Science of The Total Environment*. 2023;856:159118.
- 9) Soleimani F, Dobaradaran S, De-la-Torre GE, Schmidt TC, **Saeedi R**. Content of toxic components of cigarette, cigarette smoke vs cigarette butts: A comprehensive systematic review. *Science of the Total Environment*. 2022;813:152667.
- 10) **Saeedi R**, Abtahi M, Almasi H, Jorfi S. Enhanced biosurfactant-assisted composting of oily sludge using a diverse halo-tolerant consortium in the saline environment: effect of repeated inoculation and mixing ratios. *Biomass Conversion and Biorefinery*. 2022:1-15.
- 11) Pourfadakari S, Dobaradaran S, De-la-Torre GE, Mohammadi A, **Saeedi R**, Spitz J. Evaluation of occurrence of organic, inorganic, and microbial contaminants in bottled drinking water and comparison with international guidelines: a worldwide review. *Environmental Science and Pollution Research*. 2022;29(37):55400-14.

- 12) Moloudi A, Khaloo SS, Gholamnia R, **Saeedi R**. Prioritizing health, safety and environmental hazards by integrating risk assessment and analytic hierarchy process techniques in solid waste management facilities. *Archives of Environmental & Occupational Health*. 2022;77(7):598-609.
- 13) Koolivand A, Abtahi H, Parhamfar M, **Saeedi R**, Coulon F, Kumar V, et al. The effect of petroleum hydrocarbons concentration on competition between oil-degrading bacteria and indigenous compost microorganisms in petroleum sludge bioremediation. *Environmental Technology & Innovation*. 2022;26:102319.
- 14) Khaloo SS, Bagheri A, Gholamnia R, **Saeedi R**. Graphene oxide/MIL 101 (Cr)(GO/MOF) nano-composite for adsorptive removal of 2, 4-dichlorophenoxyacetic acid (2, 4 D) from aqueous media: synthesis, characterization, kinetic and isotherm studies. *Water Science & Technology*. 2022;86(6):1496-509.
- 15) Kashfi FS, Ramavandi B, Arfaeinia H, Mohammadi A, **Saeedi R**, De-la-Torre GE, et al. Occurrence and exposure assessment of microplastics in indoor dusts of buildings with different applications in Bushehr and Shiraz cities, Iran. *Science of The Total Environment*. 2022;829:154651.
- 16) Kalteh S, Ahmadi E, Ghaffari H, Yousefzadeh S, Abtahi M, Dobaradaran S, **Saeedi R**, et al. Occurrence of polycyclic aromatic hydrocarbons in meat and meat products: systematic review, meta-analysis and probabilistic human health risk. *International Journal of Environmental Analytical Chemistry*. 2022:1-15.
- 17) Doroodzani AK, Dobaradaran S, Zarei S, Raeisi A, Mahmoodi M, Rahmani E, **Saeedi R**, et al. Maternal and fetal exposure to metal (loid) s, maternal nutrition status, and impact on prenatal growth in an energy rich zone and an urban area along the Persian Gulf. *Environmental Pollution*. 2022;309:119779.
- 18) Azari A, Abtahi M, **Saeedi R**, Yari AR, Vaziri MH, Mohammadi G. Integrated ultrasound-assisted magnetic solid-phase extraction for efficient determination and pre-concentration of polycyclic aromatic hydrocarbons from high-consumption soft drinks and non-alcoholic beers in Iran. *Journal of Separation Science*. 2022;45(16):3139-49.
- 19) Arman F, Mohseni Bandpey A, Shahsavani A, Saadani M, **Saeedi R**, Abtahi M. Characterization, source identification, and health risk assessment of odorous compounds in solid waste management facility of Tehran. *Air Quality, Atmosphere & Health*. 2022;15(9):1609-21.
- 20) **Saeedi R**, Miri H, Abtahi M, Dobaradaran S, Koolivand A, Jorfi S, et al. National and subnational burden of disease attributable to occupational exposure to solar ultraviolet radiation (SUVR) in Iran, 2005–2019. *International Journal of Hygiene and Environmental Health*. 2022;240:113897.

- 21) **Saeedi R**, Abtahi M, Almasi H, Jorfi S. Enhanced biosurfactant-assisted composting of oily sludge using a diverse halo-tolerant consortium in the saline environment: effect of repeated inoculation and mixing ratios. *Biomass Conversion and Biorefinery*. 2022;1-15.
- 22) Pourfadakari S, Dobaradaran S, De-la-Torre GE, Mohammadi A, **Saeedi R**, Spitz J. Evaluation of occurrence of organic, inorganic, and microbial contaminants in bottled drinking water and comparison with international guidelines: a worldwide review. *Environmental Science and Pollution Research*. 2022;1-15.
- 23) Naddafi K, Mesdaghinia A, Abtahi M, Hassanvand MS, Beiki A, Shaghaghi G, **Saeedi R**, et al. Assessment of burden of disease induced by exposure to heavy metals through drinking water at national and subnational levels in Iran, 2019. *Environmental Research*. 2022;204:112057.
- 24) Koolivand A, Abtahi H, Parhamfar M, **Saeedi R**, Coulon F, Kumar V, et al. The effect of petroleum hydrocarbons concentration on competition between oil-degrading bacteria and indigenous compost microorganisms in petroleum sludge bioremediation. *Environmental Technology & Innovation*. 2022;26:102319.
- 25) Kashfi FS, Ramavandi B, Arfaeinia H, Mohammadi A, **Saeedi R**, De-la-Torre GE, et al. Occurrence and exposure assessment of microplastics in indoor dusts of buildings with different applications in Bushehr and Shiraz cities, Iran. *Science of the Total Environment*. 2022;829:154651.
- 26) Kalteh S, Ahmadi E, Ghaffari H, Yousefzadeh S, Abtahi M, Dobaradaran S, **Saeedi R**, et al. Occurrence of polycyclic aromatic hydrocarbons in meat and meat products: systematic review, meta-analysis and probabilistic human health risk. *International Journal of Environmental Analytical Chemistry*. 2022:1-15.
- 27) Doroodzani AK, Dobaradaran S, Zarei S, Raeisi A, Mahmoodi M, Rahmani E, **Saeedi R**, et al. Maternal and fetal exposure to metal (loid) s, maternal nutrition status, and impact on prenatal growth in an energy rich zone and an urban area along the Persian Gulf. *Environmental Pollution*. 2022:119779.
- 28) Arman F, Mohseni Bandpey A, Shahsavani A, Saadani M, **Saeedi R**, Abtahi M. Characterization, source identification, and health risk assessment of odorous compounds in solid waste management facility of Tehran. *Air Quality, Atmosphere & Health*. 2022:1-13.
- 29) Abtahi M, Dobaradaran S, Koolivand A, Jorfi S, **Saeedi R**. Burden of disease induced by public overexposure to solar ultraviolet radiation (SUVR) at the national and subnational levels in Iran, 2005–2019. *Environmental Pollution*. 2022;292:118411.
- 30) Tangestani M, Mahvi AH, Dobaradaran S, Jamali M, **Saeedi R**, Spitz J. Fluoride content and hazard quotient for beverages marketed in Iran. *Fluoride*. 2021(2).

- 31) Soleimani F, Taherkhani R, Dobaradaran S, Spitz J, **Saeedi R**. Molecular detection of E. coli and Vibrio cholerae in ballast water of commercial ships: a primary study along the Persian Gulf. *Journal of Environmental Health Science and Engineering*. 2021;19(1):457-63.
- 32) Soleimani F, Dobaradaran S, De-la-Torre GE, Schmidt TC, **Saeedi R**. Content of toxic components of cigarette, cigarette smoke vs cigarette butts: A comprehensive systematic review. *Science of the Total Environment*. 2021:152667.
- 33) Sanjari A, **Saeedi R**, Khaloo SS. Semi-quantitative health risk assessment of exposure to chemicals in an aluminum rolling mill. *International Journal of Occupational Safety and Ergonomics*. 2021;27(2):597-604.
- 34) **Saeedi R**, Khani Jazani R, Khaloo SS, Amirkhani Ardeh S, Fouladi-Fard R, Nikukalam H. Risk assessment of occupational and public exposures to airborne particulate matter arising from a subway construction site in Tehran, Iran. *Air Quality, Atmosphere & Health*. 2021;14(6):855-62.
- 35) Moloudi A, Khaloo SS, Gholamnia R, **Saeedi R**. Prioritizing health, safety and environmental hazards by integrating risk assessment and analytic hierarchy process techniques in solid waste management facilities. *Archives of Environmental & Occupational Health*. 2021:1-12.
- 36) Koolivand A, Ghanadzadeh MJ, Rajaei MS, **Saeedi R**, Mohamadtaheri A, Seifi D. Spatiotemporal Distribution of PM10 and PM2.5 within and Around The City of Arak, Iran: Effect of Natural Sources. *Iranian Journal of Health, Safety and Environment*. 2021;7(2):1428-36.
- 37) Jabbari M, Eskandari D, Dehghan SF, **Saeedi R**, Vaziri MH, Pourtaghi G. Comprehensive analysis and investigation of accident/occupational disease responsibility rates: A case study for accidental CO poisoning. *Science & Justice*. 2021;61(5):493-504.
- 38) Gholamnia R, Abtahi M, Dobaradaran S, Koolivand A, Jorfi S, Khaloo SS, **Saeedi R**, et al. Spatiotemporal analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005–2019. *Environmental Pollution*. 2021;287:117643.
- 39) Ghasempour M, Gholamnia R, Jabbari M, **Saeedi R**. Reliability assessment and verification of safety instrumented systems with the application of LOPA and FTA in the isomerisation unit of the Isfahan Oil Refinery. *International Journal of Quality Engineering and Technology*. 2021;8(2):151-72.
- 40) Farhadi E, Kermanshah H, Rafizadeh S, **Saeedi R**, Ranjbar Omrani L. In vitro effect of acidic solutions and sodium fluoride on surface roughness of two types of CAD-CAM dental ceramics. *International Journal of Dentistry*. 2021;2021.
- 41) Askari M, **Saeedi R**, Nabizadeh R, Zarei A, Ghani M, Ehsani M, et al. Assessing contribution of bottled water in nutrient absorption using the bottled water nutritional quality index (BWNQI) in Iran. *Scientific Reports*. 2021;11(1):1-12.

- 42) Akhbarizadeh R, Dobaradaran S, Torkmahalleh MA, **Saeedi R**, Aibaghi R, Ghasemi FF. Suspended fine particulate matter (PM<sub>2.5</sub>), microplastics (MPs), and polycyclic aromatic hydrocarbons (PAHs) in air: their possible relationships and health implications. *Environmental Research*. 2021;192:110339.
- 43) Abtahi M, **Saeedi R**, Askari M, Mahmoudi B, Ghani M. Evaluation of chemical and microbial quality of bottled water in Iran and calculation of water quality index. *Iranian Journal of Health and Environment*. 2021.
- 44) Abtahi M, Gholamnia R, Bagheri A, Jabbari M, Koolivand A, Dobaradaran S, **Saeedi R**, et al. An innovative index for assessing vulnerability of employees of different occupations from the COVID-19 pandemic in Iran. *Environmental Research*. 2021;197:111039.
- 45) Vaziri MH, Ghiami M, Gholamnia R, **Saeedi R**, Motalebi M. Investigating the Relationship between Risk Perception, Resources and Rate Occupational Stress with Occupational Accidents in one of the Guilan steel industries. *Iran Occupational Health*. 2020;17(1):1109-21.
- 46) Shamsipour M, Kashani H, Naddafi K, Hassanvand MS, **Saeedi R**, Hadi M, et al. Assessment of environmental health status of Iran according to the environmental performance index report in 2018. *Iranian Journal of Health and Environment*. 2020.
- 47) Parhamfar M, Abtahi H, Godini K, **Saeedi R**, Sartaj M, Villaseñor J, et al. Biodegradation of heavy oily sludge by a two-step inoculation composting process using synergistic effect of indigenous isolated bacteria. *Process Biochemistry*. 2020;91:223-30.
- 48) Koolivand A, **Saeedi R**, Coulon F, Kumar V, Villaseñor J, Asghari F, et al. Bioremediation of petroleum hydrocarbons by vermicomposting process bioaugmented with indigenous bacterial consortium isolated from petroleum oily sludge. *Ecotoxicology and Environmental Safety*. 2020;198:110645.
- 49) Koolivand A, Abtahi H, Villaseñor J, **Saeedi R**, Godini K, Parhamfar M. Effective scale-up of oily sludge bioremediation from a culture-based medium to a two-phase composting system using an isolated hydrocarbon-degrading bacterium: effect of two-step bioaugmentation. *Journal of Material Cycles and Waste Management*. 2020;22(5):1475-83.
- 50) Jamali M, Dobaradaran S, Mahvi AH, Raeisi A, Tangestani M, **Saeed R**, et al. Assessing the non-carcinogenic risk due to the intake of fluoride from fruit juice available in the market in Bushehr. *Fluoride*. 2020.
- 51) Ghiami M, Vaziri MH, Gholamnia R, **Saeedi R**, Motalebi M. Investigating the Relationship between Risk Perception, Resources and Rate Occupational Stress with Occupational Accidents in one of the Guilan steel industry. *Iran Occupational Health*. 2020.



- 52) Faraji Ghasemi F, Dobaradaran S, **Saeedi R**, Nabipour I, Nazmara S, Ranjbar Vakil Abadi D, et al. Levels and ecological and health risk assessment of PM<sub>2.5</sub>-bound heavy metals in the northern part of the Persian Gulf. *Environmental Science and Pollution Research*. 2020;27(5):5305-13.
- 53) Dobaradaran S, Fard ES, Tekle-Röttering A, Keshtkar M, Karbasdehi VN, Abtahi M, **Saeedi R**, et al. Age-sex specific and cause-specific health risk and burden of disease induced by exposure to trihalomethanes (THMs) and haloacetic acids (HAAs) from drinking water: an assessment in four urban communities of Bushehr Province, Iran, 2017. *Environmental research*. 2020;182:109062.
- 54) Amirkhani Ardeh S, Khaloo SS, Gholamnia R, Abtahi M, **Saeedi R**. Assessment of indoor air pollutant concentrations and emissions from natural gas cooking burners in residential buildings in Tehran, Iran. *Air Quality, Atmosphere & Health*. 2020;13(4):409-20.
- 55) Abtahi H, Parhamfar M, **Saeedi R**, Villasenor J, Sartaj M, Kumar V, et al. Effect of competition between petroleum-degrading bacteria and indigenous compost microorganisms on the efficiency of petroleum sludge bioremediation: Field application of mineral-based culture in the composting process. *Journal of environmental management*. 2020;258:110013.
- 56) Tajik R, Godini K, **Saeedi R**, Mashayekhi M, Koolivand A. Application of UV/TiO<sub>2</sub> advanced oxidation in treating oily compost leachate generated during oily sludge composting. *Civil and Environmental Engineering Reports*. 2019;29(3).
- 57) **Saeedi R**, Mozaffari S, Beigi E, Khaloo SS. Simultaneous adsorptive removal of organic and inorganic pollutants from aqueous solutions: kinetic, equilibrium and thermodynamic studies. *Desalination and Water Treatment*. 2019;162:207-19.
- 58) Rafiee M, Eslami A, **Saeedi R**, Abtahi M, Jahangiri Rad M. Multivariate and geostatistical analysis of spatial distribution and potential sources of heavy metals in surface waters. *Caspian Journal of Environmental Sciences*. 2019;17(1):23-41.
- 59) Naddafi K, Mesdaghinia A, Abtahi M, Hassanvand M, **Saeedi R**. A review of studies on burden of disease attributable to environmental risk factors in Iran: achievements, limitations and future plans. *Iranian Journal of Health and Environment*. 2019;12(2).
- 60) Koolivand A, Rajaei MS, **Saeedi R**, Borojeni FG. Pollution Potential of General Dentistry Offices in Terms of Wastewater and Solid Waste: A Case Study in the City of Arak, Iran. *Iranian Journal of Health, Safety and Environment*. 2019;6(3):1310-7.
- 61) Koolivand A, Godini K, **Saeedi R**, Abtahi H, Ghamari F. Oily sludge biodegradation using a new two-phase composting method: kinetics studies and effect of aeration rate and mode. *Process Biochemistry*. 2019;79:127-34.
- 62) Koolivand A, Abtahi H, Parhamfar M, Didehdar M, **Saeedi R**, Fahimirad S. Biodegradation of high concentrations of petroleum compounds by using indigenous

- bacteria isolated from petroleum hydrocarbons-rich sludge: Effective scale-up from liquid medium to composting process. *Journal of Environmental Management*. 2019;248:109228.
- 63) Koolivand A, Abtahi H, Godini K, **Saeedi R**, Rajaei MS, Parhamfar M. Biodegradation of oil tank bottom sludge using a new two-phase composting process: Kinetics and effect of different bulking agents. *Journal of Material Cycles and Waste Management*. 2019;21(6):1280-90.
- 64) Khaloo SS, **Saeedi R**, Sanjari A. Environmental risk assessment and corrective measures for the metal rolling industry. *Environmental monitoring and assessment*. 2019;191(9):1-13.
- 65) Abtahi M, Dobaradaran S, Jorfi S, Koolivand A, Khaloo SS, Spitz J, **Saeedi R**. Age-sex specific disability-adjusted life years (DALYs) attributable to elevated levels of fluoride in drinking water: A national and subnational study in Iran, 2017. *Water Research*. 2019; 157: 94-105.
- 66) Abtahi M, Dobaradaran S, Torabbeigi M, Jorfi S, Gholamnia R, Koolivand A, **Saeedi R**. Health risk of phthalates in water environment: Occurrence in water resources, bottled water, and tap water, and burden of disease from exposure through drinking water in tehran, Iran. *Environmental Research*. 2019;173:469-79.
- 67) Arfaeinia H, Fazlzadeh M, Taghizadeh F, **Saeedi R**, Spitz J, Dobaradaran S. Phthalate acid esters (PAEs) accumulation in coastal sediments from regions with different land use configuration along the Persian Gulf. *Ecotoxicology and Environmental Safety*. 2019;169:496-506.
- 68) Ghafari S, Baboli Z, Neisi A, Mirzaee S, Darvishi Cheshmeh Soltani R, **Saeedi R**, et al. Surfactant-enhanced Bioremediation of n-Hexadecane-contaminated Soil Using Halo-tolerant Bacteria *Paenibacillus gluconolyticus* sp. Strain T7-AHV Isolated from Marine Environment. *Chemical and Biochemical Engineering Quarterly*. 2019;33(1):111-23.
- 69) Ghalkhani M, Maghsoudi S, **Saeedi R**, Khaloo SS. Ultrasensitive quantification of paraquat using a newly developed sensor based on silver nanoparticle-decorated carbon nanotubes. *Journal of the Iranian Chemical Society*. 2019:1-9.
- 70) Gholamnia R, Bagherzadeh A, **Saeedi R**, Mohasel MA. Survey of the relationship between Quality of Work Life with Musculoskeletal Disorders and Hearing Loss. *Journal of Health in the Field*. 2019;6(4).
- 71) Koolivand A, Godini K, **Saeedi R**, Abtahi H, Ghamari F. Oily sludge biodegradation using a new two-phase composting method: Kinetics studies and effect of aeration rate and mode. *Process Biochemistry*. 2019;79:127-34.
- 72) Rafiee M, Eslami A, **Saeedi R**, Abtahi M. Multivariate and geostatistical analysis of spatial distribution and potential sources of heavy metals in surface waters. *Caspian Journal of Environmental Sciences*. 2019;17(1):23-41.

- 73) Nasser S, Ebrahimi S, Abtahi M, **Saeedi R**. Synthesis and characterization of polysulfone/graphene oxide nano-composite membranes for removal of bisphenol A from water. *Journal of Environmental Management*. 2018; 205: 174-82.
- 74) Mahvi AH, Dobaradaran S, **Saeedi R**, Mohammadi MJ, Keshtkar M, Hosseini A, et al. Determination of fluoride biosorption from aqueous solutions using ziziphus leaf as an environmentally friendly cost effective biosorbent. *Fluoride*. 2018; 51(3): 220–29.
- 75) Koolivand A, Naddafi K, Nabizadeh R, **Saeedi R**. Optimization of combined in-vessel composting process and chemical oxidation for remediation of bottom sludge of crude oil storage tanks. *Environmental Technology*. 2018;39(20):2597-603.
- 76) Keshtkar M, Dobaradaran S, **Saeedi R**, Mohammadi MJ, Nazmara S, Khajeahmadi N, et al. Levels and Effective Factors on Haloacetic Acids Formation in Drinking Water. *Fresenius Environmental Bulletin*. 2018;27(4):2225-34.
- 77) Jorfi S, Pourfadakari S, Pourhosseini H, Zarei M, Abtahi M, **Saeedi R**. Assessment of Aflatoxin B1 and Ochratoxin A Levels in Rice Produced in Khuzestan and Kohgiluyeh and Boyer Ahmad Provinces, Iran. *Journal of Mazandaran University of Medical Sciences*. 2018;27(156):66-79.
- 78) Gholamnia R, Ebrahimian M, Gendeshmin SB, **Saeedi R**, Firooznia S, editors. Effective Factors on the Occurrence of Falling from Height Accidents in Construction Projects by Using DEMATEL Method. *Congress of the International Ergonomics Association*; 2018. Springer, Cham.
- 79) Dobaradaran S, Soleimani F, Nabipour I, **Saeedi R**, Mohammadi MJ. Heavy metal levels of ballast waters in commercial ships entering Bushehr port along the Persian Gulf. *Marine pollution bulletin*. 2018;126:74-76.
- 80) Dobaradaran S, Schmidt TC, Nabipour I, Ostovar A, Raeisi A, **Saeedi R**, et al. Cigarette butts abundance and association of mercury and lead along the Persian Gulf beach: an initial investigation. *Environmental Science and Pollution Research*. 2018;25(6):5465-73.
- 81) Dobaradaran S, Schmidt TC, Nabipour I, Khajeahmadi N, Tajbakhsh S, **Saeedi R**, et al. Characterization of plastic debris and association of metals with microplastics in coastline sediment along the Persian Gulf. *Waste Management*. 2018;78:649-58.
- 82) Dobaradaran S, Nabipour I, Ramavandi B, **Saeedi R**, Spitz J, Izadi A, et al. Trace metals in zooplankton from the northern Persian Gulf. *Marine Pollution Bulletin*. 2018;137:9-11.
- 83) Abtahi M, Koolivand A, Dobaradaran S, Yaghmaeian K, Mohseni-Bandpei A, Khaloo SS, **Saeedi R**, et al. Defluoridation of synthetic and natural waters by polyaluminum chloride-chitosan (PACl-Ch) composite coagulant. *Water Science and Technology: Water Supply*. 2018;18(1):259-69.
- 84) Abtahi M, Koolivand A, Dobaradaran S, Yaghmaeian K, Khaloo SS, Jorfi S, **Saeedi R**, et al. National and subnational mortality and disability-adjusted life years (DALYs)

- attributable to 17 occupational risk factors in Iran, 1990–2015. *Environmental research*. 2018;165:158-75.
- 85) Abtahi M, Jorfi S, Mehrabi N, ***Saeedi R***, Darvishi Cheshmeh Soltani R, Barzegar G. A novel combination of surfactant addition and persulfate-assisted electrokinetic oxidation for remediation of pyrene-contaminated soil. *Chemical and biochemical engineering quarterly*. 2018;32(1):55-69.
- 86) Abtahi M, Dobaradaran S, Jorfi S, Koolivand A, Mohebbi MR, Montazeri A, ***Saeedi R***, et al. Age-sex specific and sequela-specific disability-adjusted life years (DALYs) due to dental caries preventable through water fluoridation: An assessment at the national and subnational levels in Iran, 2016. *Environmental research*. 2018;167:372-85.
- 87) Dobaradaran S, Soleimani F, Nabipour I, ***Saeedi R***, Mohammadi MJ. Heavy metal levels of ballast waters in commercial ships entering Bushehr port along the Persian Gulf. *Marine Pollution Bulletin* 2018; 126: 74-76.
- 88) Momeniha F, Faridi S, Amini H, Shamsipour M, Naddafi K, Yunesian M, ***Saeedi R***, et al. Estimating national dioxins and furans emissions, major sources, intake doses, and temporal trends in Iran from 1990–2010. *Journal of Environmental Health Science and Engineering* 2017; 15: 20.
- 89) Nasserri S, Ebrahimi S, Abtahi M, ***Saeedi R***. Synthesis and characterization of polysulfone/graphene oxide nano-composite membranes for removal of bisphenol A from water. *Journal of environmental management* 2017; 205: 174-182.
- 90) Esmaili A, Karbasdehi VN, ***Saeedi R***, Mohammadi MJ, Sobhani T, Dobaradaran S. Data on heavy metal levels (Cd, Co, and Cu) in wheat grains cultured in Dashtestan County, Iran. *Data in Brief* 2017; 14: 543-547.
- 91) Barzegar G, Jorfi S, Soltani RDC, Ahmadi M, ***Saeedi R***, Abtahi M, et al. Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. *Soil and Sediment Contamination: An International Journal* 2017: 1-20.
- 92) ***Saeedi R***, Khakzad S, Koolivand A, Dobaradaran S, Khaloo SS, Jorfi S, et al. Transformer oils as a potential source of environmental exposure to polychlorinated biphenyls (PCBs): an assessment in three central provinces of Iran. *Environmental Science and Pollution Research* 2017; 24: 19098-19103.
- 93) Koolivand A, Rajaei MS, Ghanadzadeh MJ, ***Saeedi R***, Abtahi H, Godini K. Bioremediation of storage tank bottom sludge by using a two-stage composting system: Effect of mixing ratio and nutrients addition. *Bioresource Technology* 2017; 235: 240-249.
- 94) Abtahi M, Koolivand A, Dobaradaran S, Yaghmaeian K, Mohseni-Bandpei A, Khaloo SS, ***Saeedi R***, et al. National and sub-national age-sex specific and cause-specific mortality and disability-adjusted life years (DALYs) attributable to household air pollution from solid cookfuel use (HAP) in Iran, 1990–2013. *Environmental Research* 2017; 156: 87-96.

- 95) Koolivand A, Mazandaranizadeh H, Binavapoor M, Mohammadtaheri A, **Saeedi R.** Hazardous and industrial waste composition and associated management activities in Caspian industrial park, Iran. *Environmental Nanotechnology, Monitoring & Management* 2017; 7: 9-14.
- 96) Dobaradaran S, Nabipour I, Keshtkar M, Ghasemi FF, Nazarialamdarloo T, Khalifeh F, **Saeedi R.**, et al. Self-purification of marine environments for heavy metals: a study on removal of lead (II) and copper (II) by cuttlebone. *Water Science and Technology* 2017; 75: 474-481.
- 97) Ahmadi M, Ramezani Motlagh H, Jaafarzadeh N, Mostoufi A, **Saeedi R.**, Barzegar G, et al. Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO<sub>2</sub> nano-composite. *Journal of Environmental Management* 2017; 186: 55-63.
- 98) Nafez AH, Lotfi S, Rostami R, **Saeedi R.**, Lotfi S. Assessment the noise level in libraries and dormitories of kermanshah university of medical sciences in 2016 (kermanshah, Iran). *Fresenius Environmental Bulletin* 2017; 26: 4890-4893.
- 99) Jorfi S, Barzegar G, Ahmadi M, Soltani RDC, Takdastan A, **Saeedi R.**, et al. 2016. Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. *Journal of environmental management.* 177: 111-118.
- 100) Rafiee M, **Saeedi R.**, Abtahi M, Ghalami S, Jahangiri-Rad M. 2016. Prevalence of hospital-acquired infections in intensive care units in public hospitals in Tehran, Iran, in 2012-2014. *Journal of Advances in Environmental Health Research.* 4(1).
- 101) Naddafi K, Mesdaghinia A, Abtahi M, Yaghmaeian K, Nabizadeh R, Jaafarzadeh N, **Saeedi R.**, et al. 2016. Removal of dichloromethane from waste gasstreams using a hybrid bubble column/biofilter bioreactor: effect of empty bed retention time and kinetic of biofiltration. *Journal of Air Pollution and Health.* 1(2):51-60.
- 102) Dobaradaran S, Nabipour I, **Saeedi R.**, Ostovar A, Khorsand M, Khajeahmadi N, et al. 2016. Association of metals (Cd, Fe, As, Ni, Cu, Zn and Mn) with cigarette butts in northern part of the Persian Gulf. *Tobacco Control.* 2016:tobaccocontrol-2016-052931.
- 103) Beiki A, Yunesian M, Nabizadeh R, **Saeedi R.**, Sori L, Abtahi M. 2016. Analytic Assessment of Microbial Water Quality in Public Swimming Pools of Tehran in 2013. *Iranian Journal of Health and Environment.* 9(1):15-26.
- 104) Naddafi, K., Rastkari, N., Nabizadeh, R., **Saeedi, R.**, Gholami, M., Sarkhosh, M. 2016. Adsorption of 2, 4, 6-trichlorophenol from aqueous solutions by a surfactant-modified zeolitic tuff: batch and continuous studies. *Desalination and Water Treatment,* 57: 5789–5799.
- 105) Abtahi, M., Yaghmaeian, K., Mohebbi, M.R., Koolivand, A., Rafiee, M., Jahangiri-rad, M., Jorfi, S., **Saeedi, R.**, Oktaie, S. 2016. An innovative drinking water nutritional quality

- index (DWNQI) for assessing drinking water contribution to intakes of dietary elements: A national and sub-national study in Iran. *Ecological Indicators*, 60: 367-376.
- 106) Dehghani, M.H., Mahvi, A.H., Rastkari, N., **Saeedi, R.**, Nazmara, S., Irvani, E., 2015. Adsorption of bisphenol A (BPA) from aqueous solutions by carbon nanotubes: kinetic and equilibrium studies. *Desalination and Water Treatment*, 54(1): 84-92.
- 107) Abtahi, M., Golchinpour, N., Yaghmaeian, K., Rafiee, M., Jahangiri-rad, M., Keyani, A., **Saeedi, R.**, 2015. A modified drinking water quality index (DWQI) for assessing drinking source water quality in rural communities of Khuzestan Province, Iran. *Ecological Indicators*, 53: 283-291.
- 108) Abtahi, M., Naddafi, K., Mesdaghinia, A., Yaghmaeian, K., Nabizadeh, R., Jaafarzadeh, N., Rastkari, N., Nazmara, S., **Saeedi, R.**, 2014. Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor. *Journal of Environmental Health Science and Engineering*, 12(1): 22.
- 109) Abtahi, M., Naddafi, K., Mesdaghinia, A., Yaghmaeian, K., Nabizadeh, R., Jaafarzadeh, N., Rastkari, N., **Saeedi, R.**, Nazmara, S., 2013. Dichloromethane emissions from automotive manufacturing industry in Iran: case study of the SAIPA automotive manufacturing company. *Toxicological & Environmental Chemistry*, 95: 757-764.
- 110) Abtahi, M., Mesdaghinia, A., **Saeedi, R.**, Nazmara, S., 2013. Biosorption of As(III) and As(V) from aqueous solutions by brown macroalga *Colpomenia sinuosa* biomass: kinetic and equilibrium studies. *Desalination and Water Treatment*, 51: 3224-3232.
- 111) Mohebbi, M.R., **Saeedi, R.**, Montazeri, A., Azam Vaghefi, K., Labbafi, S., Oktaie, S., Abtahi, M., Mohagheghian, A., 2013. Assessment of water quality in groundwater resources of Iran using a modified drinking water quality index (DWQI). *Ecological Indicators*, 30: 28-34.
- 112) **Saeedi, R.**, Naddafi, K., Nabizadeh, R., Mesdaghinia, A., Nasserli, S., Alimohammadi, M., Nazmara, S., 2012. Denitrification of drinking water using a hybrid heterotrophic/autotrophic/BAC bioreactor. *Desalination and Water Treatment*, 45: 1-10.
- 113) **Saeedi, R.**, Naddafi, K., Nabizadeh, R., Mesdaghinia, A., Nasserli, S., Alimohammadi, M., Nazmara, S., 2012. Simultaneous removal of nitrate and natural organic matter (NOM) from drinking water using a hybrid heterotrophic/autotrophic/BAC bioreactor. *Environmental Engineering Science*, 29(2): 93-100.
- 114) Mesdaghinia, A., Vaghefi, K.A., Montazeri, A., Mohebbi, M.R., **Saeedi, R.**, 2010. Monitoring of fluoride in groundwater resources of Iran. *Bulletin of Environmental Contamination and Toxicology*, 84: 432-437.
- 115) Mesdaghinia, A., Mahvi, A.H., **Saeedi, R.**, Pishrafti, H., 2010. Upflow Sludge Blanket Filtration (USBF): an innovative technology in activated sludge process. *Iranian Journal of Public Health*, 39(2): 7-12.

- 116) Mesdaghinia, A.R., Naddafi, K., Nabizadeh, R., **Saeedi, R.**, Zamanzadeh, M., 2009. Wastewater characteristics and appropriate method for wastewater management in the hospitals. *Iranian Journal of Public Health*, 38(1): 34-40.
- 117) Naddafi, K., **Saeedi, R.**, 2009. Biosorption of copper(II) from aqueous solutions by brown macroalga *Cystoseira myrica* biomass. *Environmental Engineering Science*, 26(5): 1009-1015.
- 118) Mesdaghinia, A., Naddafi, K., Mahvi, A.H., **Saeedi, R.**, 2009. Waste management in primary healthcare centres of Iran. *Waste Management and Research*, 27: 354-361.
- 119) Mahvi, A.H., Nouri, J., **Saeedi, R.**, Dindarloo, K., Rafiee, M., Dobaradaran, S., 2008. Purification and removal of *Ascaris* and *Fasciola hepatica* eggs from drinking water using roughing filters. *Korean Journal of Chemical Engineering*, 25(3): 501-504.
- 120) Naddafi, K., Nabizadeh, R., **Saeedi, R.**, Mahvi, A.H., Vaezi, F., Ghasri, A., 2007. Biosorption of lead(II) and cadmium(II) by *Sargassum glaucescens* biomass in a continuous packed bed column. *Journal of Hazardous Materials*, 147: 785-791.
- 121) Mahvi, A.H., **Saeedi, R.**, 2007. Upgrading of a wastewater treatment plant using an aerated submerged fixed film reactor (ASFFR). *European Journal of Scientific Research*, 16(3): 426-433.
- 122) Mahvi, A.H., Mesdaghinia, A.R., **Saeedi, R.**, 2007. Upgrading an existing wastewater treatment plant based on an upflow anaerobic packed-bed reactor. *Iranian Journal of Environmental Health Science and Engineering*, 4(4): 229-234.
- 123) Tabatabaei, Z., Mahvi, A.H., **Saeedi, R.**, Rakhsh Khorshidi, A., Sohrabi, A., 2007. Two-stage sand filtration of secondary effluent for agricultural reuse, *International Journal of Agriculture & Biology*, 9(6): 889-892.
- 124) 13) Nabizadeh, R., Naddafi, K., **Saeedi, R.**, Mahvi, A.H., Vaezi, F., Yaghmaeian, K., Nazmara, S., 2005. Kinetic and equilibrium studies of lead(II) and cadmium(II) biosorption from aqueous solutions by *Sargassum* sp. biomass. *Iranian Journal of Environmental Health Science and Engineering*, 2(3): 159-169.
- 125) Nabizadeh, R., Naddafi, K., **Saeedi, R.**, 2005. Biosorption of lead(II) and cadmium(II) from aqueous solutions by protonated *Sargassum* sp. biomass. *Biotechnology*, 5(1): 21-26.

(۱۲۶) کاظم ندافی، ک، بیکی، ا، **سعیدی**، ر، قنبری، ق، نیتی، ع، صوری، ل، ۱۳۹۴، مطالعه موردی: طغیان نوروویروس در شهر پردیس در دی و بهمن سال ۱۳۹۲، مجله سلامت و محیط زیست، دوره ۸، شماره ۳، ۳۳۰-۳۳۳.

(۱۲۷) محوی، ا، ح، **سعیدی**، ر، ۱۳۸۷، امکان سنجی استفاده از راکتور رشد چسبیده هوازی مستغرق در ارتقاء عملکرد تصفیه‌خانه فاضلاب پرکنندآباد مشهد، نشریه شیمی و مهندسی شیمی، دوره ۲۷، شماره ۳، ۱۰۵-۹۹.

(۱۲۸) **سعیدی**، ر، محبی، م، ۱۳۸۷، پرتوزایی آب و راههای تقلیل آن ها، آب و محیط زیست، شماره ۶۸، ۳۹-۳۳.

- ۱۲۹) ندافی، ک، نبی زاده، ر، سعیدی، ر، ۱۳۸۶، مطالعه بیوجذب سرب (II) و کادمیوم (II) از محیط های آبی بوسیله جلبک قهوه‌ای سارگاسوم، مجله دانشکده بهداشت و انستیتو تحقیقات بهداشتی، دوره ۵، شماره ۲، ۱۳-۲۴.
- ۱۳۰) ندافی، ک، سعیدی، ر، محبی، م، ۱۳۸۴، جذب زیستی و زدایش فلزات سنگین از آب و فاضلاب، آب و محیط زیست، شماره ۶۳، ۳۳-۳۹.

### ب. برخی از مقالات ارائه شده در سمینارهای داخلی و بین‌المللی

- 1) Mesdaghinia, A., Vaghefi, K.A., Montazeri, A., Mohebbi, M.R., Saeedi, R., Oktaie, S., Fluoride monitoring in groundwater resources of Iran. IWA World Water Congress, Montreal, Canada; 19-24 Sep 2010.
  - 2) Mohebbi, M.R., Nabizadeh, R., Naddafi, K., Oktaie, S., Saeedi, R., Yunesian, M., Montazeri, A., Microbial quality of drinking water in rural areas of Tehran Province. IWA World Water Congress, Montreal, Canada; 19-24 Sep 2010.
- ۳) سعیدی، ر، فولادی فر، ر، ایزانلو، ح، ۱۳۸۴، بیوجذب جایگزینی مناسب برای روشهای متداول حذف فلزات سنگین از آب و فاضلاب، هشتمین همایش ملی بهداشت محیط.
- ۴) فولادی فر، ر، حسینی، ج، سعیدی، ر، ۱۳۸۴، بررسی سیستم Biolak در تصفیه فاضلاب، هشتمین همایش ملی بهداشت محیط.
- ۵) سعیدی، ر، اشرفی، د، ۱۳۸۲، بررسی عملکرد سیستم‌های بیولوژیکی در تصفیه شیرابه محلهای دفن زباله های شهری، دومین سمینار کشوری دانشجویی بهداشت محیط.

### ج. برخی از طرحهای پژوهشی

- ۱) فراتحلیل نتایج آلودگی فلزات سنگین در آب آشامیدنی در نقاط مختلف کشور و اثرات آن بر سلامت جامعه
- ۲) بررسی نظام‌مند و فراتحلیل غلظت شانزده هیدروکربن چندحلقه‌ای آروماتیک اولویت‌دار در گوشت و فرآورده‌های گوشتی و محاسبه خطر سلامتی آنها در ایران و جهان با استفاده از شبیه سازی مونت کارلو
- ۳) بررسی بار بیماریهای منتسب به عوامل خطر شغلی و تحلیل روند مکانی- زمانی آن در سطوح ملی و فرو ملی در کشور جمهوری اسلامی ایران در بازه زمانی ۲۰۱۵-۱۹۹۰
- ۴) ارزیابی و اولویت بندی ریسک‌های سلامت، ایمنی و محیط‌زیست (HSE) سازمان مدیریت پسماند شهر تهران و ارائه راهکارهای اصلاحی با استفاده از روشهای Fine Kinney و تحلیل سلسله مراتبی (AHP)
- ۵) بررسی حضور فتالاتها در منابع آب سطحی و زیرزمینی و آب آشامیدنی و ارزیابی ریسک بهداشتی تماس با آنها از طریق آب آشامیدنی در شهر تهران در سال ۱۳۹۵
- ۶) بررسی بار بیماریهای منتسب به مواجهه عمومی و شغلی با تابش فرابنفش (UVR) خورشیدی و تحلیل روند مکانی- زمانی آن در سطوح ملی و فرو ملی در ایران در بازه زمانی ۲۰۱۹-۲۰۰۵



- (۷) ارزیابی ریسک مواجهه شغلی و انتشار محیطی ذرات معلق هوا در پروژه ساخت مترو: مطالعه موردی در شهر تهران
- (۸) ارزیابی آسیب‌پذیری و تاب‌آوری کارکنان مشاغل مختلف در اپیدمی کووید-۱۹ در ایران
- (۹) طرح جامع پیشگیری از آلودگی هوا و ارتقاء کیفیت هوای شهرستان سمنان در افق ۲۰ ساله
- (۱۰) طرح جامع کاهش آلودگی هوای شهرستان کاشان
- (۱۱) بررسی روند و بار بیماری‌های منتسب به سیستم آبرسانی و دفع فاضلاب اجتماع و تحلیل نابرابری آنها در سطوح فرو ملی در کشور جمهوری اسلامی ایران در بازه زمانی ۱۹۹۰-۲۰۱۰
- (۱۲) بررسی کارایی فرایند تلفیقی هتروتروفیک- اتوتروفیک در حذف نیترات، ترکیبات آلی طبیعی، آهن(II) و منگنز(II) از محیط آبی
- (۱۳) مطالعه عملکرد جلبک قهوه‌ای *سیستوسیرا میریکا* (*Cystoseira myrica*) در بیوجذب مس(II) از محیط‌های آبی
- (۱۴) ارزیابی اثرات زیست محیطی زباله‌ها و فاضلاب مراکز بهداشتی درمانی و خانه‌های بهداشت روستایی در ایران
- (۱۵) بررسی کمی و کیفی فاضلاب بیمارستان‌های دانشگاه علوم پزشکی و خدمات بهداشتی درمانی تهران و ارائه راهکار برای تصفیه آنها