**Curriculum Vitae**

 **Pejman Mohammadi**



 Assistant Professor in Occupational Health and Safety Engineering

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School of Public Health, Ardabil University of Medical

Sciences, Ardabil, Iran.







 **Education background**

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| Degree | Major | Tendency | University | Title of Dissertation |
| Ph.D. | OccupationalHealth and safety | Air pollution control by Non-thermal plasma and photocatalysis | Hamadan University of Medical Sciences | Synthesis and Optimization of X-SrTiO3/rGO complex for Photocatalytic Removal of Volatile Organic Compounds Under Visible Light and Coupling it with Non-thermal Plasma |
| M.Sc. | OccupationalHealth and safety | Occupational exposure assessment | Kerman University of Medical Sciences | Evaluation of occupational exposure to metalworking fluid aerosols in Sarcheshmeh copper industry in 2011 |
| B.Sc. | Occupational Health and safety | *-* | Shahid Beheshti University of Medical Sciences | *-* |

  **Research Interests**

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|  Interests |
| Air pollution control technologies |
| Air pollution control by Non-thermal plasma technology |
| Air pollution control by catalysis/photocatalysis |
| Developing the sampling and analytical methods for HAPs |

 **Employment experience**

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| --- | --- | --- | --- | --- |
| Year  | Rank  | Department  | College  | University |
| 2020-2023 | Assistant Professor | Occupational Health and safety Engineering | School of Public Health  | Ardabil University of Medical Sciences |
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 **Teaching experience**

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| Course | Degree | University |
| Industrial Ventilation design | B.Sc. | Ardabil University of Medical Sciences |
| Fundamentals of air sampling | B.Sc. | Ardabil University of Medical Sciences |
| Fire safety | B.Sc. | Ardabil University of Medical Sciences |
| chemical safety | B.Sc. | Ardabil University of Medical Sciences |
| Electrical safety | B.Sc. | Ardabil University of Medical Sciences |
| Machine safety | B.Sc. | Ardabil University of Medical Sciences |
| Risk assessment and management | B.Sc. | Ardabil University of Medical Sciences |
| knowledge of industries and industrial techniques | B.Sc. | Ardabil University of Medical Sciences |
| Industrial management | B.Sc. | Ardabil University of Medical Sciences |
| Safety management systems | B.Sc. | Ardabil University of Medical Sciences |
| Geographical information system (GIS) | B.Sc. | Ardabil University of Medical Sciences |
| solid Mechanics | B.Sc. | Ardabil University of Medical Sciences |

 **Publication (Book)**

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| Title  | Publication  | Year  | Language | Status |
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 **Publication(Article)**

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| --- | --- | --- |
| Title | Journal | Year |
| Plasma-photocatalytic degradation of gaseous toluene using SrTiO3/rGO as an efficient heterojunction for by-products abatement and synergistic effects | Journal of Photochemistry & Photobiology A: Chemistry | 2020 |
| Enhanced photocatalytic activity of hydrothermally synthesised SrTiO3/rGO for gaseous toluene degradation in the air: modelling and process optimisation using response surface methodology | International Journal of Environmental Analytical Chemistry | 2020 |
| The Toxicology of Silica Nanoparticles: A Review | Toxicological & Environmental Chemistry | 2018 |
| Evaluating the Effect of Duration of Exposure to ChronicIntermittent Hypoxia at High Altitude on Blood Hematocrit and Hemoglobin Levels in Copper Mine Workers | Journal of Occupational and Environmental Health | 2018 |
| Factors affecting quality of life and marital satisfaction among married nurses and nursing assistants | Annals of Tropical Medicine and Public Health | 2017 |
| Mental workload and its association with fatigue in operating room personnel of Hamadan hospitals, Iran, 2016 | JOHE | 2017 |
| A study on heat stress and its risk assessment in a steel factory | Iran Occupational Health | 2013 |
| Evaluating Occupational Exposure of Workers for Metallurgy with Alkanol Amines | European Online Journal of Natural and Social Sciences | 2014 |
| Prevalence of Malnutrition in Children 7-12 Years Old in Kerman, 2013 | Journal of Community Health Research | 2014 |

 **Thesis/dissertation**

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| Title | Degree | Role | University | Year | Status |
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 **Awards and Honors**

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 **Skills**

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|  |  Others |
| Air pollution control |
| Non-thermal plasma |
| Real Locations of Hazardous Atmospheres (ALOHA) Software  |
| GIS Software |