



Semnan University of Medical Sciences

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1.PERSONAL INFORMATION

Name: Hamidreza Nassehinia

Academic Degree: Ph.D. Associate Professor

Date of Birth: 30/6/1348, 1969/09/21

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2. EDUCATIONAL RECORDS

<i>degree</i>	<i>Institution</i>	<i>Field of study</i>	<i>Date</i>
B.Sc.	Esfahan university OF medical sciences	Environment health	1375
M.Sc.	Iran university of medical sciences	Environment health	1380
Ph.D.	Iran university of medical sciences	Environment health	1387

Professional Experiences:

3.ACADEMIC EXPERIENCES

4.MEMBERSHIP IN SCIENTIFIC SOCIETIES

Member of Environment Health Scientific Association

5.REFEREE FOR JOURNAL ARTICLES SUBMITTED TO

Journal of Environmental Health Science and Engineering
Komesh Journal

6. RESEARCH INTERESTS air , water, waste water, food

7. IRANIAN JOURNAL RESEARCH PAPERS

Nassehinia Hamidreza (first author). Survey on nitrite Concentration in distributed Sausage in Semnan province in 1383, payesh journal 2008; 3: 197-202.

Nassehinia Hamidreza (second author). Survey on iodide concentration in distributed salt in semnan province in 1384, Koomesh 2006; 4: 285-290.

Nassehinia Hamidreza (first author). Survey of fluoride in water and DMF Damghan city in 1380, water & wastewater journal 2002; 49: 70-73.

Nassehinia Hamidreza (first author). Survey of quantity and quality content of hazardous wastes and its management in Damghan industries in 2010, Iran Occupational Health 2013; 10(5): 63-70.

Nassehinia Hamidreza (fourth author), Evaluation of health and hydrogeochemical parameters of Karst water resources in Golestan Province, Koomesh 2016;18 (3): 317-325.

Nassehinia Hamidreza (first author). Cadmium removability from aqueous solutions using TiO₂ nano photocatalytic compound and rice husk silica, Koomesh 2016; 18 (3): 334-342.

Nassehinia Hamidreza (third author). Degradation of sulfathiazole antibiotics in aqueous solutions by using zero valent iron nanoparticles and hydrogen peroxide, Koomesh 2016; 18 (3): 350-356.

Nassehinia Hamidreza (first author). Determination of Peroxide Value of Oils Used in the Confectioneries of Damghan, Iran in Spring 2015, Journal of Health Research in Community 2015;1(4):64-69.

Nassehinia Hamidreza (corresponding author). Zoning of Cheshmeh Gerdoo River of

Noshahr with NSFQI Index in Autumn 1391, Journal of Health Research in Community 2015;1(2):38-46.

Nassehinia Hamidreza (first author). Assessment of Microbial Contamination of Traditional Sweets in Yazd, Iran, in 2015, Journal of Health Research in Community 2017;2(4): 26-34

Nassehinia Hamidreza (first author). The Survey of Hazardous Waste and How to Manage Them in the Semnan City Industries in the Spring of 1394, Journal of Health 2018; 9(1): 36-44.

Nassehinia Hamidreza (second author). Investigation of the relationship between meteorological parameters and PM_{2.5} changes using AQI index in Mashhad from 2014 to 2016, Journal of Torbat Heydariyeh University of Medical Sciences 2019; 7(2): 27-36.

Nassehinia Hamidreza (corresponding author). Quantitative and Qualitative Assessment of the Hazardous Wastes and their Management in Industries of Damghan City, Occupational Hygiene and Health Promotion 2019; 3(1): 319-330.

7.1- INTERNATIONAL JOURNAL RESEARCH PAPERS

(Authors, Topic, Journal Name, Volume, Year, Pages)

Nassehinia Hamidreza (corresponding author). Evaluating the Effectiveness of Two Disinfection Processes on Bacteria Causing Nosocomial Infections in the Intensive Care Units of an Educational, Research, and Treatment Hospital in Semnan, Iran, Health Scope. 2024 August; 13(3): e142411.

Nassehinia Hamidreza (corresponding author). Evaluation of bisphenol A pollutant removal efficiency by nano photocatalytic method in solar reactor (UVA and CPC) and reactor UVC, Desalination and Water Treatment 2022; 277 : 62–71.

Determination of diazinon concentration by Gas Chromatography - Mass Spectrometry in underground drinking water resources located near the rice fields, before and after the pesticide spraying. Journal, Micro chemical Journal 2021;170 ,106600, 1-6

Nassehinia Hamidreza (second author). Photocatalytic degradation of benzotriazole: by-products, bio-toxicity and, kinetic study, Desalination and Water Treatment, 246 (2022) 226–236.

Nassehinia Hamidreza (first author). Solar photocatalytic degradation of Reactive Black 5: by-products, bio-toxicity, and kinetic study, Desalination and Water Treatment, 206 (2020) 385–395.

Nassehinia Hamidreza (first author). Evaluation of Nano Photo catalytic process application by ZnO nanoparticle and UV on benzene removal from synthetic air, Asian journal of chemistry 2013;25:1-4.

Nassehinia Hamidreza (first author), Comparison of Benzene & Toluene removal from synthetic polluted air with use of Nano photocatalytic TiO₂/ ZNO process, Journal of Environmental Health Science & Engineering 2014; 12(45):2-8

Nassehinia Hamidreza (second author). Simulation of The Heat Transfer Process Inside the Thatch Walls with The Aim of Saving Energy in The Buildings, Iranian Journal of Health, Safety & Environment 2016; 3(3): 565-572.

Nassehinia Hamidreza (first author). Comparing Efficiency of Rice Washing and Soaking Processes in Reducing the Amount of Aflatoxin B₁, Iranian Journal of Health, Safety & Environment 2017;5(1):934-938.

Nassehinia Hamidreza (corresponding author). Investigation efficiency of nano photocatalytic compound of TiO₂ and rice husk silica in removal of reactive red 198 dye from synthetic aqueous solutions. Iranian Journal of Catalysis 2020;10(1): 23-32.

Nassehinia Hamidreza (second author). Photocatalytic degradation of cefazolin over TiO₂ coated on the fixed bed under UVC and solar. Desalination and Water Treatment 2020; 184:243–251.

Nassehinia Hamidreza (corresponding author). Investigation of the Relationship Between the Level of Fine Particulate Matter and Stroke Mortality Rate in Mashhad in 2014 and 2015. Health scope 2020

Nassehinia Hamidreza (second author). Phenol removal from aqueous solution using silica and activated derived from rice husk. Water Practice & Technology 2019; 14(4): 897-907

7-2. JOURNAL REVIEW PAPERS

Nassehinia Hamidreza (first author). Application of novel methods in environmental and health hazardous pollutants removal using nano photocatalysts, Koomesh 2016; 18 (3): 309-316.

8-LIST OF PAPERS PRESENTED

8.1- LIST OF PAPERS PRESENTED IN IRANIAN CONGRESSES

Nassehinia Hamidreza (corresponding author), The effect of corona on air pollution in Tehran city, The 8th annual research conference of Semnan University of Medical Sciences, 2022

Nassehinia Hamidreza (corresponding author). Survey of pollution harvested wheat to *Eurygaster integriceps* & *Tilletia laevis* in Semnan province , 5th International and 24th National Conference on Environmental Health, 2021

Nassehinia, Mosala nejad, Moaser, Application of nano- silver in disinfection of urban wastewater treatment plant effluent. 18th National Conference on Environmental Health, Shiraz, 2015.

Nassehinia, Ghainy, Bahrami. Determination of Tehran air health quality with use of AQI index in 1388.fourteen congress of environmental health, yazd,1390

Nassehinia, Taghizade, Ravankhah, Determination of corrosion potential in Damghan water supply with use of corrosion index , search in safety advance congress, 1390

Nassehinia, Assessment of Shahid Shahchraghy dam for Damghan , national congress of environment health,yazd,1380

Nassehinia, Mehdiinia, Norisephr, Ghorbany. Survey on nitrite Concentration in distributed Sausage in Semnan province in 1383, national congress of environment health,hamadan,1386,

Nassehinia, Bayat, Survey of mold contaminant of distributed dry &wet confectionery in damghan city in 1384, ,national congress of environment health,Tehran,1385

حمیدرضا ناصحی نیا، بررسی آلودگی میکروبی ظروف حمل و نقل آب تصفیه شده از دستگاههای تصفیه آب شهر دامغان در پاییز 1389، اولین همایش پژوهشی علوم پزشکی سمنان، 1393.

حمیدرضا ناصحی نیا، بررسی آلودگی قارچی شیرینی های تر و خشک شهر دامغان در تابستان 1392، اولین همایش پژوهشی علوم پزشکی سمنان، 1393.

حمیدرضا ناصحی نیا، کاربرد فرآیند نانو فتوکاتالیستی نانو ذرات اکسید روی و پرتو فرابنفش در حذف بنزن از هوای آلوده سنتتیک ، اولین همایش پژوهشی علوم پزشکی سمنان، 1393.

حمیدرضا ناصحی نیا، بررسی وضعیت نگهداری، جمع آوری، حمل و نقل زباله های بیمارستانی در بیمارستان شهدای پانزده خداد شهر ورامین در بهار سال 1392. هفدهمین همایش ملی بهداشت محیط ، بوشهر. 1393

حمیدرضا ناصحی نیا، بررسی آلودگی میکروبی شیرینی های تر قنادی های شهر دامغان در ماه های آبان، آذر و دی سال 1394

حمیدرضا ناصحی نیا، بررسی میزان آلودگی میکروبی و شیمیایی آب استخرهای شنا شهرستان گرمسارد در بهار سال 1394، دومین همایش پژوهشی علوم پزشکی سمنان، 1394.

حمیدرضا ناصحی نیا، بررسی میزان ید در نمک های ید دار توزیع شده در شهر دامغان از سال 1390 تا 1393، دومین همایش پژوهشی علوم پزشکی سمنان، 1394

حمیدرضا ناصحی نیا، بررسی وضعیت مدیریت زباله های بیمارستانی در بیمارستان ولایت دامغان در پاییز 94، دومین همایش پژوهشی علوم پزشکی سمنان، 1394

حمیدرضا ناصحی نیا، بررسی مدیریت پسماندهای صنایع شهرک صنعتی شهرستان شاهرود در تابستان 1394، سومین همایش پژوهشی علوم پزشکی سمنان، 1395.

حمیدرضا ناصحی نیا، بررسی وضعیت بهداشت محیطی بیمارستان فاطمیه شاهرود در بهار 94، سومین همایش پژوهشی علوم پزشکی سمنان، 1395.

حمیدرضا ناصحی نیا، طراحی نرم افزار Pabfa جهت طراحی شبکه جمع اوری فاضلاب، نهمین همایش تازه های علوم بهداشتی دانشگاه علوم پزشکی شهید بهشتی، 1395

حمیدرضا ناصحی نیا، بررسی وضعیت مصرف سوخت در بخش حمل و نقل عمومی و ارائه راهکارهای کاهش آن در شهر دامغان در سال 1396، سومین همایش پژوهشی علوم پزشکی سمنان، 1397.

حمیدرضا ناصحی نیا، بررسی آلودگی شیرینی های تر شهر دامغان با کپک در پاییز 97، سومین همایش پژوهشی علوم پزشکی سمنان، 1397.

8.2- LIST OF PAPERS PRESENTED IN INTERNATIONAL CONGRESSES

Nassehinia Hamidreza (corresponding author). Calculation of Methane Gas Emission Using Landgem Soft Ware in the Piranshahr Land Fill in 2013-2032, international congress and engineering Hamburg, 2018.

Nassehinia Hamidreza (corresponding author). Analysis of PM2.5 changes correlation with the rate of stroke mortality in Mashhad in 2014 and 2015, 2018.

Nassehinia Hamidreza (second author). Investigation of the trend of changes in PM2.5 pollutant concentration using AQI index in Mashhad metropolis during 2014-2016, 2018.

Nassehinia Hamidreza (First author. The prevalence of Nosocomial Infections in Hospital of Imam Reza of Eslamshahr city during the years 1390 to 1394, 2nd International and 20th National Conference on Environmental Health and Sustainable Development, November 28-30, 2017, Yazd, Iran

9- RESARCH PROPOSALS

Nassehinia, Survey on nitrite Concentration in distributed Susage in Semnan province in 1383, 1383

Nassehinia, Evaluation of Nano Photo catalytic process application by ZnO nanoparticle and UV on benzene removal from synthetic air, 1390,

Nassehinia, Comparison of Benzene & Toluene removal from synthetic polluted air with use of Nano photocatalytic TiO₂/ ZNO process, 1391.

9.1-RESEARCH STUDENTS SUPERVISED (MSc. Level)

Nassehinia, Investigation Efficiency of Nanophotocatalytic Compound of TiO₂ and ice

Rice Husk Silica in Removal of Reactive Red 198 Dye from Synthetic Aqueous Solutions, 1394.

Nassehina, Survey of the Cadmium Removability from Aqueous Solutions with Compound Using of TiO₂ and Rice Husk Silica.1393.

Nassehina, Effect and Efficiency of Phenol removal from Aqueous Solution Using Silica and Activated Carbon Derived from Rice Husk. 1394.

Nassehina, Survey on Diazinon concentration and effective factors on it in rural area water resources of Noor city in 1394, 1394.

Nassehina, Efficiency of Nano photocatalytic Combined of TiO₂ and Rice Husk Silica to Removal of Antibiotic (Cefazolin) From Synthetic Wastewater, 1395.

Nassehina, Evaluation of bisphenol A Pollutant Emission Efficiency by Nano Photocatalytic Method in Solar Reactor (UVA) and reactor UVC, 1396.

Nassehina, Comparison of Benzotriazole Pollutant removal Efficiency from Synthetic Aqueous Using combination method of Nano-Photocatalytic TiO₂ in Solar Reactor and UVC Reactor,1396.

Nassehina, Efficacy of LaMnO₃/H₂O₂/uv nano-photocatalyst compound in removal reactive black 5 Dye from aqueous solutions.1397.

9.2-RESEARCH STUDENTS SUPERVISED: Ph.D.

9.3- RESEARCH STUDENTS CO-SUPERVISED(Ph.D. / MSc.)

(Student's and Author's Name, Title, year)

10- BOOKS PUBLISHED

Nassehinia, Microbiological Examinations of water & wastewater (translate), dibagran, 1386.

Nassehinia (third author), Disposal of solid waste, dibagran, 1386.

Nassehinia, Environment Health (1), dibagaran, 1387.

Nassehinia, Environmental Health (2), dibagaran, 1387.

11-COURSES TAUGHT

Undergraduate (BSc)

Postgraduate (MSc)

Postgraduate (Ph.D)

12-OTHER ACTIVITIES (Workshops)

workshop Name, Lecturer / participant , Site , year