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**Education**

- **University**
  - **2012-current** PhD Candidate in Environmental Engineering, Environment Research Center, Isfahan University of Medical Sciences, Isfahan, Iran
  - **2008-2010:** MSc in Environmental pollution, Science & Research University, Tehran, Iran
  - **2003-2007:** BSc in Environmental Engineering, Isfahan University of Technology, Isfahan, Iran

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**Awards**


- **2012** Selected as a member of the National Elite Foundation
- **2012** National Presidential award for being selected as the First rank young researcher in the 17<sup>th</sup> National Razi Research Festival, Tehran, Iran
- **2012** Governor General award for being selected as the First rank Provincial researcher, Isfahan, Iran
- **2011** Distinguished researcher of Isfahan University of Medical Sciences, Isfahan, Iran
- **2011** Distinguished researcher of Environment Research Center, Isfahan, Iran
- **2011** First rank thesis in the 5<sup>th</sup> National congress on Environment, Tehran, Iran

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**Citations and H-index:**

[http://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=CTfGwu4AAAAJ](http://scholar.google.com/citations?view_op=list_works&hl=en&user=CTfGwu4AAAAJ)

Citation indices		All		Since 2009	
<a href="#">Citations</a>	693	680			
<a href="#">h-index</a>	15	15			
<a href="#">i10-index</a>	22	22			



Year	Citation Count
2009	~10
2010	~20
2011	~80
2012	~150
2013	~245
2014	~80

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## Publications in Peer-reviewed Journals

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1. **Poursafa P**, et al. First Report on the association of drinking water hardness and endothelial function in children and adolescents, Archives of Medical sciences journal, (In press)
2. **Poursafa P**, et al. Is air quality index associated with cardiometabolic risk factors in adolescents? The CASPIAN-III Study. Environmental Research (In press)
3. **Poursafa P**, et al. Association of serum lead and mercury level with cardiometabolic risk factors and liver enzymes in a nationally representative sample of adolescents: the CASPIAN-III study. Environ Sci Pollut Res Int. 2014; Jul 15. [Epub ahead of print]
4. Kelishadi R, ..., **Poursafa P**, et al. Independent association between air pollutants and vitamin D deficiency in young children in Isfahan, Iran. Paediatr Int Child Health. 2014 ;34(1):50-5.
5. Momeni M, ..., **Poursafa P**, et al. Does water hardness have preventive effect on cardiovascular disease? Int J Prev Med 2014;5:159-63.
6. Kelishadi R, ..., **Poursafa P**, et al. National report on the association of serum vitamin D with cardiometabolic risk factors in the pediatric population of the Middle East and North Africa (MENA): the CASPIAN-III Study. Nutrition. 2014 ;30(1):33-8. [Review article]
7. Shahrabi NS, ..., **Poursafa P**. Pathologic analysis of control plans for air pollution management in Tehran metropolis: a qualitative study. Int J Prev Med. 2013;4(9):995-1003.
8. Khademikia S, ..., **Poursafa P**, et al; Association of Nitrate, Nitrite, and Total Organic Carbon (TOC) in Drinking Water and Gastrointestinal Disease. Journal of Environmental and Public Health; Volume 2013, Article ID 603468
9. Kelishadi R, **Poursafa P**, Jamshidi F. Role of Environmental Chemicals in Obesity: A systematic review on the current evidence, Journal of Environmental and Public Health; 2013;2013:896789 [Review article]
10. Relation of air pollution with epidemiology of respiratory diseases in Isfahan, Iran from 2005 to 2009. Rashidi M, ..., **Poursafa P**, et al. J Res Med Sci. 2013 ;18(12):1074-9.
11. Kelishadi R, ..., **Poursafa P**, et al. Effect of particulate air pollution and passive smoking on surrogate biomarkers of endothelial dysfunction in healthy children. Paediatr Int Child Health. 2013 Nov 6 [Epub ahead of print]
12. Kelishadi R, ..., **Poursafa P**, et al. Determinants of hypovitaminosis D in pregnant women and their newborns in a sunny region. Int J Endocrinol. 2013;2013:460970.

13. **Poursafa P**, et al, The relationship of air pollution and surrogate markers of endothelial dysfunction in a population\_based sample of children. *BMC Public Health J* 2011;11(115).
14. **Poursafa P**, et al. Genetic variation in the association of air pollutants with a biomarker of vascular injury in children and adolescents in Isfahan, Iran. *J Res Med Sci* 2011;16:733-40
15. **Poursafa P**, et al. Association of air pollution and hematologic parameters in children and adolescents *J Pediatr.* 2011;87(4):350-6
16. **Poursafa P**, et al. What health professionals should know about the health effects of air pollution and climate change on children and pregnant mothers. *Iran J NursMidwif Res* 2011;16(3):1-8 [Review article]
17. **Poursafa P**, et al. Air pollution, platelet activation and atherosclerosis. *Inflamm Allergy Drug Targets.* 2010 ;9(5):387-92. [Review article]
18. Hashemi M, ..., **Poursafa P**, et al. Association of particulate air pollution and secondhand smoke on endothelium-dependent brachial artery dilation in healthy children. *J Res Med Sci.* 2012 ;17(4):317-21.
19. Kelishadi R, **Poursafa P**. Obesity and Air Pollution: Global Risk Factors for Pediatric Non-alcoholic Fatty Liver Disease. *Hepat Month* 2011 ;11(10):794-802 [Review article]
20. The association between spatial distribution of common malignancies and soil lead concentration in Isfahan, Iran. Rashidi M, ..., **Poursafa P**. *J Res Med Sci.* 2012 ;17(4):348-54.
21. Kelishadi R, **Poursafa P**. A review on the genetic, environmental, and lifestyle aspects of the early-life origins of cardiovascular disease. *Curr Probl Pediatr Adolesc Health Care.* 2014 Mar;44(3):54-72
22. Kelishadi R, ..., **Poursafa P**. Association of blood cadmium level with cardiometabolic risk factors and liver enzymes in a nationally representative sample of adolescents: the CASPIAN-III study. *J Environ Public Health.* 2013;2013:142856.
23. Momeni M, ..., **Poursafa P**, et al. Does water hardness have preventive effect on cardiovascular disease? *Int J Prev Med.* 2014 Feb;5(2):159-63.
24. Rahmanian ..., **Poursafa P**, et al. Dual burden of body weight among Iranian children and adolescents in 2003 and 2010: the CASPIAN-III study. *Arch Med Sci.* 2014 Feb 24;10(1):96-103.
25. Kargarfard M, **Poursafa P**, et al Effects of exercise in polluted air on the aerobic power, serum lactate level and cell blood count of active individuals. *Int J Prev Med.* 2011 ;2(3):145-50.
26. Kelishadi R, **Poursafa P**. Air Pollution and Non-respiratory Health Hazards for Children. *Arch Med Sci* 2010; 6: 483-95. [Review article]

27. Kelishadi R, Mirghaffari N, **Poursafa P**, Gidding SS. Lifestyle and environmental factors associated with inflammation, oxidative stress and insulin resistance in children. *Atherosclerosis*. 2009;203(1):311-9.
28. Mansourian M, ..., **Poursafa P**, et al. Air pollution and hospitalization for respiratory diseases among children in Isfahan, Iran. *Ghana Med J*. 2010 ;44(4):138-43
29. Qorbani M, ..., **Poursafa P**, et al. Association of anthropometric measures with cardiovascular risk factors and metabolic syndrome in normal-weight children and adolescents: the CASPIAN III study. *Obes Facts*. 2013;6(5):483-92
30. Kelishadi R..., **Poursafa P**, et al. First National Report on Aminotransaminases' Percentiles in Children of the Middle East and North Africa (MENA): the CASPIAN-III Study. *Hepat Mon*. 2012 ;12(11):e7711.
31. Kelishadi R, **Poursafa P**, et al. Pediatric metabolic syndrome: from prevention to treatment. *Cholesterol*. 2012;2012:374168.
32. Amiri M...**Poursafa P** et al. Inequality in school readiness and autism among 6-year-old children across Iranian provinces: National Health Assessment Survey results. *Iran J Pediatr* 2013;23(1):71-78
33. Motlagh ME, ..., **Poursafa P**. Distribution of Mortality among 1 - 59 Month-Old Children Across Iranian Provinces in 2009: The National Mortality Surveillance System. *Arch Iran Med*. 2013 ;16(1):29-33.
34. Kelishadi R, ..., **Poursafa P**. First report on body image and weight control in a nationally representative sample of a pediatric population in the Middle East and North Africa: the CASPIAN-III study; *Arch Med Sci* 2013; 9, 2: 210-217
35. Kelishadi R, ..., **Poursafa P**, et al. Development and Evaluation of a Questionnaire for Assessment of Determinants of Weight Disorders among Children and Adolescents: The Caspian-IV Study. *Int J Prev Med*. 2012 ;3(10): 699-705.
36. Motlagh M, **Poursafa P** et al. Timing of puberty in Iranian girls according to their living area: a national study *J Res Med Sci* 2011;16(3)
37. Kelishadi R, ..., **Poursafa P**. Acute and long term effects of grape and pomegranate juice consumption on endothelial dysfunction in pediatric metabolic syndrome *J Res Med Sci* 2011; 16(6)
38. Rezvanian H, ..., **Poursafa P**. A randomized, triple masked, placebo-controlled clinical trial for controlling childhood obesity. *World J Pediatr*. 2010 ;6(4):317-22.
39. Kelishadi R, ..., **Poursafa P**, et al. Effect of zinc supplementation on markers of insulin resistance, oxidative stress, and inflammation among prepubescent children with metabolic syndrome. *Metab Syndr Relat Disord*. 2010 Dec;8(6):505-10.
40. Kelishadi R, ..., **Poursafa P**, et al. Effects of a lifestyle modification trial among phenotypically obese metabolically normal and phenotypically obese metabolically

- abnormal adolescents in comparison with phenotypically normal metabolically obese adolescents. *MaternChild Nutr.* 2010;6(3):275-86.
41. Kelishadi R,...**Poursafa P**. Barriers to Physical Activity in a Population-based Sample of Children and Adolescents in Isfahan, Iran. *Int J Prev Med.* 2010 ;1(2):131-7
  42. Motlagh ME,...,**Poursafa P**. Double burden of nutritional disorders in young Iranian children: findings of a nationwide screening survey.*Public Health Nutr.* 2011;14(4):605-10.
  43. Ziaoddini H,...,**Poursafa P**. First nationwide survey of prevalence of weight disorders in Iranian children at school entry. *World J Pediatr.* 2010;6(3):223-7.
  44. Kelishadi R,...,**Poursafa P**. Can a dairy-rich diet be effective in long-term weight control of young children?*J Am Coll Nutr.* 2009 ;28(5):601-10.
  45. Kelishadi R,...,**Poursafa P**, et al. Association of cell blood counts and cardiometabolic risk factors among young obese children. *Saudi Med J.* 2010;31(4):406-12.
  46. Kelishadi R,...,**Poursafa P**. Association of cardiometabolic risk factors and dental caries in a population-based sample of youths. *DiabetolMetabSyndr.* 2010;2:22.
  47. Schwandt P, ...**Poursafa P**. A three-country study on the components of the metabolic syndrome in youths: the BIG Study. *Int J PediatrObes.* 2010;5(4):334-41.
  48. Hashemi M,...,**Poursafa P**. Acute and long-term effects of grape and pomegranate juice consumption on vascular reactivity in paediatric metabolic syndrome. *Cardiol Young.* 2010 ;20(1):73-7.
  49. Mahmoudian T,...,**Poursafa P**, et al. Blood lead levels in children with neurological disorders: a single centre preliminary study.*Zhongguo Dang Dai ErKeZaZhi.* 2009;11(11):873-6.
  50. Hashemipour M,...,**Poursafa P**. Effect of zinc supplementation on insulin resistance and components of the metabolic syndrome in pre-pubertal obese children. *Hormones (Athens).* 2009;8(4):279-85.
  51. Kelishadi R, ..., **Poursafa P**. Association of the components of the metabolic syndrome with non-alcoholic fatty liver disease among normal-weight, overweight and obese children and adolescents. *DiabetolMetabSyndr.* 2009;1:2
  52. Moadab MH,...,**Poursafa P**. The prevalence of impaired fasting glucose and type 2 diabetes in a population-based sample of overweight/obese children in the Middle East. *Pediatr Diabetes.* 2010;11(2):101-6.
  53. Kelishadi R, **Poursafa P** et al A national experience on physical activity *initiatives* for adolescent girls and their mothers: Caspian study. *Iran J Pediatr* 2010;20(4) : 420-6.
  54. Hosseini SM, ... , **Poursafa P**, et al Risk Score Model for Predicting Sonographic Non-alcoholic Fatty Liver Disease in Children and Adolescents *Iran J Pediatr* 2011;21(2) : 181-187
  55. Amirkhani A,...**Poursafa P**. First Nationwide Survey of Prevalence of Pediculosis in Iranian Children and Adolescents.*Iran Red Crescent J*2011;13(3):167-170
  56. Hashemipour M, ..., **Poursafa P**, et al. Association of anthropometric indexes and cardiometabolic risk factors among obese children.*ARYA Atherosclerosis* 2009; 5(1):39-48.
  57. Faghihimani Z,...,**Poursafa P**. Validation of the Child-Adolescent- International Physical Activity Questionnaires in Iranian Children and Adolescents. *ARYA Atherosclerosis* 2010; 5 (4): 1-4.
  58. Kelishadi R.... **Poursafa P** Results of a non-pharmacologic trial for weight loss of obese children-parents pairs. *ARYA Atherosclerosis* 2009, 4(4): 143-7.

59. Hosseini M,.....,**Poursafa P**. Risk Scoring System for Prediction of Abdominal Obesity in a National Sample of Youths: CASPIAN Study. ARYA Atherosclerosis 2009.
60. Hashemipour M,.....,**Poursafa P**. Association of anthropometric indexes and cardiometabolic risk factors among obese children. ARYA Atherosclerosis 2009;5 (1): 39-48.

### **Persian articles published in peer-reviewed journals**

61. Amirkhani MA,.....,**Poursafa P**. Prevalence of Visual Impairments among School-Aged Children: The Results of a National Screening Program. J Isf Med Sch 2010; 27 (101): 717-23
62. Ziaoddini H, .....,**Poursafa P**. National Prevalence of Short Stature in Iranian Children in 2008. J Isf Med Sch 2009; 27:438-46.
63. Hashemi M, **Poursafa P**, et al. Effects of Antioxidant-rich Juices on Flow mediated Dilation of the Brachial Artery of Adolescents with Metabolic Syndrome. J Isf Med Sch 2009;27 (92): 37-44.
64. Amirkhani MA,.....,**Poursafa P**. The Prevalence of Anemia among School Students in a National Screening Program in Iran. J Isf Med Sch 2009; 26 (91):381-6.
65. Ziaoddini H, .....,**Poursafa P**. National School Readiness Assessment in Iranian Children at School Entry, 2008. J Isf Med Sch 2009; 26 (91): 362-70.
66. Hashemi M,.... ,**Poursafa P**. Effects of antioxidant-rich juices on flow-mediated dilation of the brachial artery of adolescents with metabolic syndrome. journal of isfahan medical school (I.U.M.S) April 2009; 27(92):37-44.
67. Amirkhani M.A.....,**Poursafa P**. Findings of integrated school health screening programs in different regions of Iran. journal of isfahan medical school (I.U.M.S) Winter 2009; 26:409-416.
68. Zia aldin S.H,.....,**Poursafa P**. National prevalence of short stature in Iranian children in 2008. journal of Isfahan Medical School(I.U.M.S) WINTER 2009; 26:438-446
69. Rashidi M,.....,**Poursafa P**, et al. Relationship between spatial distribution of malignant diseases and Plumb element in Isfahan Province J Isf Med Sch 2011;29(135):1-9
70. Assari,....**Poursafa P**. The relationship between air pollution AND serum level of thrombomodulin AND tissue factor in a representative sample of adolescents aged 10-18 years in Isfahan, Iran. J Isf Med Sch 2010;28(129):425-436.
71. Kelishadi R,...**Poursafa P**. Comparison of dietary and physical activity patterns among obese children and adolescents with or without metabolic syndrome. J Kurdistan Uni Med Sci 2010;15(55):36-45
72. Kelishadi R,...**Poursafa P**. Lifestyle factors related to non-alcoholic fatty liver diseases. J Hormozgan Uni Med Sci 2010;14(2):115-123
73. Hoseini M,....,**Poursafa P**, et al. Using LMS method in smoothing reference centile curves for lipid profiles of Iranian children and adolescents: CASPIAN study. J Qom Uni Med Sci. 2011;5(2):51-8
74. Rashidi M,...**Poursafa P**. Scrutiny Relationship between Distributions of Hypothyroidism with Environmental Iron Deficiency in Isfahan Province, Iran J Isf Med Sch 2011;29 (144)

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## Top cited articles:

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- Lifestyle and environmental factors associated with inflammation, oxidative stress and insulin resistance in children cited by:79
- Air pollution and non-respiratory health hazards for children cited by:22
- Air pollution, platelet activation and atherosclerosis cited by:21
- The relationship of air pollution and surrogate markers of endothelial dysfunction in a population-based sample of children cited by:19
- Effects of exercise in polluted air on the aerobic power, serum lactate level and cell blood count of active individuals cited by:15
- Obesity and air pollution: global risk factors for pediatric non-alcoholic fatty liver disease. Cited by:15

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## Books

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### English books

- Book Chapter **Air Pollution and Primordial Prevention of Chronic Non-Communicable Diseases** by **Parinaz Poursafa** and **RoyaKelishadi** in the book "**Air Pollution - New Developments**" edited by Anca Maria Moldoveanu, ISBN 978-953-307-527-3, InTech Publisher, 2011
- Book Chapter **Impact of Climate Change and Air Pollution on Dyslipidemia and the Components of Metabolic Syndrome** by **RoyaKelishadi** and **Parinaz Poursafa** in the book **Dyslipidemia: from prevention to treatment**, ISBN 978-953-307-904-2, In Tech Publisher, 2012.
- Book Chapter **.Non-respiratory Health Hazards of Particulate Matter** by **ParinazPoursafa** and **RoyaKelishadi** in the book **Particulate Matter: Sources, Emission Rates and Health Effects**, NOVA Publisher, USA ISBN: 9781614709480 (hardcover); 2012
- Book Chapter. **The effect of climate change and air pollution on children and mothers' health** in the book **Global climate change and public health**, Humana press, ISBN: 978-1-4614-8416-5

### Farsi books

- **Ozzy, ozone defenders of our planet**, Isfahan University of Medical Sciences 2013
- **New environmental pollutants**, chapter in **National Public Health book**, Tehran ,Iran2012

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## Collaboration with peer-reviewed journals

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- Editorial Manager, International Journal of Environmental Health Engineering (2012-present)
- Reviewer of many national and international journals in the field of environmental studies

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## Presentations in Congresses

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1. **Poursafa P.** Association of particulate air pollution and secondhand smoke on endothelium-dependent brachial artery dilation in healthy children. Urban Environmental pollution conference, June 2012, Amsterdam
2. **Poursafa P.** Association of air pollutants and genetic polymorphism on the initiation of atherosclerosis, First national conference on air and noise pollution management, December 2012, Tehran, Iran
3. **Poursafa P.** Effects of a lifestyle modification trial among phenotypically obese metabolically normal and phenotypically obese metabolically abnormal adolescents, Congress of European Society of Cardiology, Sep 2009, Barcelona, Spain
4. **Poursafa P.** Air pollution and risk factors of non-communicable disease in Iranian adolescents. International Pediatric Congress, Tehran 2005.
5. **Poursafa P.** Air pollution and endothelial dysfunction. National Conference on Endothelium 2009, Isfahan, Iran
6. **Poursafa P.** Air pollution and metabolic syndrome. 2<sup>nd</sup> International Congress on Metabolic Syndrome & Obesity 2010, Zanjan, Iran
7. **Poursafa P.** Air pollution and Health Hazards for Children. Sarvar Research Congress, 2010, Mashad, Iran
8. **Poursafa P.** Health effects of air pollution. urbanization, health and environment Conference 2011, Isfahan, Iran
7. **Poursafa P.** Genetic variation in the association of air pollutants with a biomarker of vascular injury in children and adolescents in Isfahan, Iran \*5<sup>th</sup> national conference on World environment day
8. **Poursafa P.** Air pollution, Oxidative Stress and Insulin Resistance in the pediatric Age



