



## Dr. Faraj Tabeie

### PhD in Medical physics

H-Index: 7 (Scopus) , 9 (Google Scholar)

Date of Completion: January 2021

#### Academic Affiliation

Department of basic sciences., School of Rehabilitation,  
Shahid Beheshti university of Medical Sciences, Tehran, Iran.  
Department of nuclear medicine, school of medicine, Shahid  
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## Academic Educations

- **Ph.D in Medical Physics** , Tarbiat Modarres University,2012
- MSc in Medical Physics, Tarbiat Modarres University,2002
- BSc in Applied Physics, Shahid Beheshti University,1994

## Thesis Title

**Thesis Title (Ph.D):** Investigating the effects of  $^{67}\text{Ga}$ -Bleomycin complex and electroporation on fibrosarcoma tumour in mice

**Supervisor:** Bahram Bolouri

## Publications

### - Published Articles

- 1- Hassan Mohajerani, Faraj Tabeie, Arash Alirezaei, Ghazaleh Keyvani, Mehdi Bemanali. Does combined Low-Level Laser and LED light irradiation reduce pain, swelling, and trismus after surgical extraction of mandibular third molars? A Randomized double-blinded study. *Journal of Oral and Maxillofacial Surgery*, July 17, 2020. DOI: <https://doi.org/10.1016/j.joms.2020.07.017>
- 2- F Ashrafi, A Rezaei, A Azhideh, F Tabeie, L Gachkar, MA Ahmadi. Effectiveness of Extremely Low Frequency Electromagnetic Field and Pulsed Low Level Laser Therapy in Acute Stroke Treatment. *International Clinical Neuroscience Journal* 7 (3), 127-131.2020
- 3- A Tavakoli, M Tabarraee, F Tabeie, M Mahdizadeh, M Ghadiani. Effects of low level laser therapy on mucositis in patients under chemotherapy and bone marrow transplantation. *Novelty in Biomedicine* 1 (1),2020
- 4- H Mohajerani, F Tabeie, F Vossoughi, E Jafari, M Assadi. Effect of pulsed electromagnetic field on mandibular fracture healing: A randomized control trial,(RCT). *Journal of oral and maxillofacial surgery*.2019
- 5- H Mohajerani, AM Salehi, F Tabeie, S Shafiei, R Tabrizi. Can Low-Level Laser and Light-Emitting Diode Enhance the Stability of Dental Implants?. *Journal of Maxillofacial and oral surgery*, 1-5.2019
- 6- Nasrabadi N, Soheili ZS, Bagheri A, Ahmadieh H, Amizadeh Y, Sahebjam F, Tabeie F, Rezaei Kanavi M. Bioelectromagnetics. The effects of electromagnetic fields on cultured human retinal pigment epithelial cells. 2018 Dec;39(8):585-594.
- 7- Mojtaba Ansari, Hoda Hashemi, Mehdi Soltanshahi, Mohsen Qutbi, Zahra Azizmohammadi, Faraj Tabeie, Hamid Javadi, Esmail Jafari, Maryam Barekat, Majid Assadi. Factors That Impact Evaluation of Left Ventricular Systolic Parameters in Myocardial Perfusion Gated SPECT with 16 Frame and 8 Frame Acquisition Models. *Molecular imaging and radionuclide therapy*. 2018, 27:55-58.
- 8- Tabeie F, Honari P, Neshandar Asli I, Amoei M, Eftekhari M, Ansari M, Shafiei B. Population radiation exposure from diagnostic nuclear medicine procedures in Tehran 2011-14; Trends in the last 3 decades. *Radiat Prot Dosimetry*. 2017 , 24:1-7.

- 9- Faraj Tabeie, Seyed Mehdi Tabatabaei, Ali Mahmoud-Pashazadeh, and Majid Assadi. Radioprotective Effect of Beta D-Glucan and Vitamin E on Gamma Irradiated Mouse. *J Clin Diagn Res.* 2017 ; 11(2): TC08–TC11.
- 10- Mohajerani SH, Tabeie F, Bemanali M, Tabrizi R. Effect of Low-Level Laser and Light-Emitting Diode on Inferior Alveolar Nerve Recovery After Sagittal Split Osteotomy of the Mandible: A Randomized Clinical Trial Study. *J Craniofac Surg.* 2017;28(4):e408-e411
- 11- Fallahnezhad S, Piryaee A, Tabeie F, Nazarian H, Darbandi H, Amini A, Mostafavinia A, Ghorishi SK, Jalalifirozskouhi A, Bayat M. Low-level laser therapy with helium-neon laser improved viability of osteoporotic bone marrow-derived mesenchymal stem cells from ovariectomy-induced osteoporotic rats. *J Biomed Opt.* 2016 ;21(9).
- 12- Rezaei Kanavi M, Tabeie F, Sahebjam F, Poursani N, Jahanbakhsh N, Paymanpour P, AfsarAski S. Short-term effects of extremely low-frequency pulsed electromagnetic field and pulsed low-level laser therapy on rabbit model of corneal alkali burn. *Exp Eye Res.* 2016 ;145:216-23.
- 13- M Qutbi, B Shafeie, M Amoui, F Tabeie, Z Azizmohammadi. Evaluation of Prognostic Factors Associated With Differentiated Thyroid Carcinoma With Pulmonary Metastasis. *Clinical Nuclear Medicine.* 2016 ; 41 (12), 917-921
- 14- M Motazedian, F Tabeie, P Vatankhah, B Shafiei, M Amoui, M Atefi. An update on radiation absorbed dose to patients from diagnostic nuclear medicine procedures in Tehran: A study on four academic centers. *Indian journal of nuclear medicine, IJNM.* 2016. ; 31(2), 119
- 15- Fatholahi L, Tabeie F, Pashazadeh AM, Javadi H, Assadi M, Asli IN. One size does not fit all: the merit of absorbed doses to the blood in <sup>131</sup>I therapy for differentiated thyroid carcinoma. *Health Phys.* 2015 ;108(1):53-8.
- 16- M Mirzababae, B Shafiei, S Seifollahi, M Motazdian, L Fatholahi, S Delavari, R Naghshine, N Baharfar, F Tabeie, H Javadi, M Assadi, I N Asli. Management of gastrointestinal complaints in differentiated thyroid cancer patients treated with <sup>131</sup>I. Comparison of the efficacy of pantoprazole, metoclopramide, and ondansetron - a randomized clinical trial. *Nuklearmedizin. Nuclear medicine* 2014; 53(5):186-189.
- 17- Tabeie F, Mohammadi H, Asli IN. Population radiation dose from diagnostic nuclear medicine procedures in the Tehran population in 1999-2003: striking changes in only one decade. *Health Phys.* 2013 ;104(2):127-31.
- 18- Pirayesh E, Amoui M, Mirzaee HR, Tabei F, Rakhsha A, Kalantari BA, Shafiei B, Assadi M, Asli IN. Phase 2 study of a high dose of <sup>186</sup>Re-HEDP for bone pain palliation in patients with widespread skeletal metastases. *J Nucl Med Technol.* 2013 Sep;41(3):192-6.
- 19- Azizmohammadi Z, Tabei F, Shafiei B, Babaei AA, Jukandan SM, Naghshine R, Javadi H, Nabipour I, Assadi M, Asli IN. A study of the time of hospital discharge of differentiated thyroid cancer patients after receiving iodine-131 for thyroid remnant ablation treatment. *Hell J Nucl Med.* 2013 ;16(2):103-6.
- 20- M Motazedian, B Shafiei, P Vatankhah, S Hoseinzadeh, M Mirzababae, Differentiated thyroid carcinoma: comparison of histopathologic characteristics, clinical course, and outcome between young children and adolescents. *Medical Oncology.* 2013 ; 30 (2), 506

- 21- Rezaei Kanavi M, Sahebjam F, Tabeie F, Davari P, Samadian A, Yaseri M. Short-term effects of extremely low frequency pulsed electromagnetic field on corneas with alkaline burns in rabbits. *Invest Ophthalmol Vis Sci.* 2012 29;53(12):7881-8.
- 22- Tabei F, Neshandar Asli I, Azizmohammadi Z, Javadi H, Assadi M. Assessment of radioiodine clearance in patients with differentiated thyroid cancer. *Radiat Prot Dosimetry.* 2012; 152 (4) : 323 - 7
- 23- Asli IN, Mosaffa N, Mogharrabi M, Hooman A, Tabei F, Javadi H, Shafei B, Seyedabadi M, Assadi M. Chromosome aberrations after high-dose <sup>131</sup>I and <sup>99m</sup>Tc-MIBI administration using a micronucleus assay. *Nucl Med Commun.* 2010 ; 31(4):307-10.
- 24- Asli IN, Baharfard N, Shafiei B, Tabei F, Javadi H, Seyedabadi M, Nabipour I, Assadi M. Relation between clinical and laboratory parameters with radiation dose rates from patients receiving iodine-131 therapy for thyroid carcinoma. *Radiat Prot Dosimetry.* 2010 ;138(4):376-81.
- 25- Jalilian, A. R. Fateh, B. Ghergherehchi, M. Karimian, A. Moradkhani, S. Kamali-Dehghan, M. Tabeie, F. Development of <sup>62</sup>Zn bleomycin as a possible PET tracer. *Nucleonika.* 50: 143-148, 2005.
- 26- Mohammadi H, Tabeie F and Saghari M. Trends of population radiation absorbed dose from diagnostic nuclear medicine procedures in Iran: 1985-1989. *Health physics.* 1995; 68: 503-508.
- 27- Haghdoost AT , Tabeie F, sahebjam F, Piriaei A, Fadaei FF. Effects of pulsed magnetic field on healing of tibial bone lesion in rabbits. *Journal of Gazvin university of medical sciences.* 2015;19 (380), 11-17.
- 28- H Javadi, AM Pashazadeh, M Mogharrabi, I Neshandar Asli, F Tabei. Radiation exposure from diagnostic nuclear medicine examinations in Golestan province. *Iranian Journal of Nuclear Medicine.* 2013; 21 (2), 65-69
- 29- M Mogharrabi, A Houman, N Mosaffa, F Tabeie, N Valaei, B Shafiee. Investigating the effect of high-dose <sup>99m</sup>Tc-MIBI on chromosomal damage induction among patients undergoing myocardial perfusion scan. *Pajouhandeh Journal.* 2008; 13 (1): 9-15
- 30- Mogarrabi M, Houman A, Mosaffa N, Tabeie F , Shafiei B and Neshandar Asli E. Investigation of chromosomal aberration of thyroid cancer patients undergone I-131 radioiodine therapy. *Iranian journal of Endocrinology and Metabolism.* 2008
- 31- Houman A, Mogarrabi M, Mosaffa N, Tabeie F , Shafiei B and Neshandar Asli E . Investigation of chromosomal aberration in patients receiving high dose <sup>99m</sup>Tc-MIBI for cardiac scanning. *Pajouhandeh journal.* 2008
- 32- Investigating the effects of high dose <sup>99m</sup>Tc-MIBI on chromosomal damage induction among the patients undergoing myocardial perfusion scan. *Pejouhandeh,* 13:9-15, 2008
- 33- A. Hooman, M. Mogharrabi, N. Mosaffa, F. Tabeie, B. Shafiee, E. Neshandar Asli. Cytological Radiotoxicity of Radioiodine Therapy in Patients with Differentiated Thyroid Carcinoma. *Iranian J. Endocrinology & Metabolism.* 2007; 4(9): 351-356.
- 34- Neshandar Asli E, Tabeie F. Pediatric Radiation Exposure from Diagnostic Nuclear Medicine Examinations in Tehran. *Iranian Journal of Rdiology.* 3: 35-38, 2006.
- 35- AR Jalilian, M Mirzaie, A Karimian, J Moafian, G Aslani, S Moradkhani. Preparation of [<sup>111</sup>In]-Bleomycin radiopharmaceutical .*Iranian Journal of Nuclear Medicine.* 2005; 13 (1): 19-2
- 36- F Tabeie, B Bolouri, AR Jalilian, N Mosaffa, H Rajabi, I Neshandar Asli. Tissue uptakes of <sup>67</sup>Ga-bleomycin and carrier free <sup>67</sup>Ga in fibrosarcoma-bearing mice. *Iranian Journal of Nuclear Medicine.* 2004; 12 (2): 9-17

- 37- F Tabeie, IN Asli, SM Aghamiri, K Arbabi. Staff and patient absorbed doses due to diagnostic nuclear medicine procedures. Iran J Radiat Res.2004; 2, 63-8
- 38- Tabeie F, Neshandar Asli E, Aghamiri S.M, Amouei M, Amir Jalali V, Ansari A and Arbabi K. Staff and patient absorbed doses resulting from diagnostic nuclear medicine. Iranian J. Radiat. Res. 2004; 2:25-31.
- 39- Jalilian AR, Fateh B, Ghergherehchi M, Karimian A, Matloobi M, Moradkhani S, Kamalidehghan M and Tabeie F. Preparation, distribution, stability and tumor imaging properties of [<sup>67</sup>Zn] bleomycin complex in normal and tumor-bearing mice. Iranian, J. Radiat. Res.2003; 1 : 37-44.
- 40- Tabeie f, Bolouri B, Jalilian AR, Mosaffa n, Neshandar AI, Labibi F, Karimian AR, Shirazi B. Dynamic distribution of 67 Ga-Bleomycin complex and carrier free 67 Gallium in normal mice.Iranian J. Pharmacology & therapiutics.2003;1(9);24-29.

#### **- Published Books**

- 1- Tabeie faraj. Physical basics of Nuclear medicine and radiology. Shahid Beheshti university of medical sciences publication.2015
- 2- Tabeie faraj. Experimental manual of medical physics. Optics, Sound and Physiotherapy. Shahid Beheshti university of medical sciences publication.2013
- 3- Tabeie faraj. Cardiac system study guide . Medical physics section, Shahid Beheshti university of medical sciences publication . 2011.
- 4- Tabeie faraj. Neurology system study guide . Medical physics section, Shahid Beheshti university of medical sciences publication . 2011.

#### **Researches & Grants**

- 1- Tabeie F, Rezaei Ganavi M. To investigate the effect of low level laser on growth, trans-differentiation and de differentiation of RPE cells in adults versus neonates the effect of 810 nm laser irradiation of RPE derived cell culture. Ophthalmic research center. Shahid Beheshti university of medical sciences. Tehran, Iran. 2017.
- 2- Tabeie F, Rezaei Ganavi M. To investigate the effect of combination of extremely low frequency pulsed magnetic field and pulsed low level laser therapy on alkaline burnt cornea in rabbits. Ophthalmic research center. Shahid Beheshti university of medical sciences. Tehran, Iran.2014.
- 3- Tabeie F, Rezaei Ganavi M. To investigate the effect of extremely low frequency pulsed magnetic field on alkaline burnt cornea in rabbits. Ophthalmic research center. Shahid Beheshti university of medical sciences. Tehran, Iran.2012.
- 4- Tabeie F, Rezaei M, Noushinfar. Investigation of the radioprotectory effects of Beta-Glucan and vitamin E on mouse. Shahid Beheshti University of medical sciences. Tehran, Iran, 2010.
- 5- Tabeie F, Neshandar A.I, Shafiei b. Radiation exposure rate from thyroid cancer patients treated with <sup>131</sup>I. Shahid Beheshti university of medical sciences. Tehran, Iran, 2010.
- 6- Tabeie F, Neshandar Alsli I,Aghamiri S.M.R, Saghari M, Javadi H and Arbabi K. Population radiation absorbed dose from diagnostic nuclear medicine examinations in Tehran,1999-2003. Shahid Beheshti university of medical sciences. Tehran, Iran.

- 7- Amoei M, Tabeie F. Investigation of the pain relief and side effects of  $^{186}\text{Re}$  in patients with wide spread bone metastasis. Shahid Beheshti university of medical sciences. Tehran, Iran. 2009
- 8- Tabeie F, Shiran M.B. and Pakdaman M. Quality control of Doppler Sonographers by string phantom. Shahid Beheshti university of medical sciences. Tehran, Iran, 2001.

### **Research Interests**

Lasers in medicine, Optics, Medical imaging

### **Skills & Work Experiences**

1. Radiation safety officer of Taleghani hospital
2. Radiation Physicist of nuclear medicine department of Taleghani hospital
3. Superconductor medical lasers design and construction
4. Ophthalmic surgery excimer lasers, Installation, QC and service

### **University Teaching Experience**

27 years experience as the faculty member of Shahid Beheshti university of Medical sciences, Tehran, Iran

### **Professional Experience**

1. Application of Lasers in sports medicine, for residents of sports medicine, Sports medicine department
2. Physics of Nuclear Medicine, for residents of nuclear medicine, Nuclear Medicine department, Taleghani Hospital. Tehran. Iran
3. Radiation Protection & Radiobiology, for residents of nuclear medicine. Nuclear Medicine department, Taleghani Hospital. Tehran. Iran
4. Nuclear Medicine Instrumentation for residents of nuclear medicine. Nuclear Medicine department, Taleghani Hospital. Tehran. Iran
5. Radiation safety for residents of orthopedics, orthopedics department, Taleghani Hospital. Tehran. Iran
6. Radiation safety for Cardiology residents fellowships, Cardiology department, Taleghani Hospital. Tehran. Iran
7. Electrophysiology of vision for Ph.D. students of Optometry
8. Imaging techniques of eye for Ph.D. students of Optometry
9. Cardiac system, study guide of reform, medical physics section for MD students
10. Nervous system, study guide of reform, medical physics section for MD students
11. Medical Imaging for Ph.D. medical physics students
12. Nuclear medicine for Ph.D. medical physics students
13. Advanced techniques in optometry, for MS students of optometry.

### **Clinical Instructor**

- 1- Physicist of Nuclear medicine department, school of medicine, Taleghani hospital, Shahid Beheshti of Medical Sciences, Tehran, Iran.
- 2- Radiation health physics officer, Taleghani hospital.

### **Teaching Workshops**

1. Applications of Laser in sports medicine workshop, Sports medicine department, Medical school, Shahid Beheshti university of medical sciences, OCT 2018

### **Congress, Conference, Seminar Presentations**

#### **- Oral Presentations**

1. F Tabeie, M Dayagi, B Shafiei. The interrelation of the blood absorbed dose and ablation success in thyroid cancer patients after I-131 radioiodine therapy based on bi-phasic retention model. EANM 2016 , Proceedings of European journal of nuclear medicine and molecular imaging. 43, S385-S386.
2. F Tabeie, P Honari, IN Asli, B Shafiei, M Amoui, M Ansari, M Eftekhari. D Beigi. Diagnostic nuclear medicine procedures and resulting radiation dose of Tehran population in 2011-2014. EANM 2016, Proceedings of European journal of nuclear medicine and molecular imaging. 43, S530-S530
3. M Assadi, L Fatholahi, F Tabeie, H Javadi, IN Asli. The merit of absorbed dose to the blood in iodine-131 therapy for differentiated thyroid carcinoma: One size does not fit all. SNM 2014; Journal of Nuclear Medicine 55 (supplement 1), 1939-1939
4. SM Tabatabaei, F Tabeie, H Javadi, M Assadi. Radioprotectory synergistic effects of Beta-D-Glucan and Vitamin E on 60Co gamma irradiated mouse. SNM 2014. Journal of Nuclear Medicine 55 (supplement 1), 1469-1469
5. E Pirayesh, M Amoui, H Mirzaie, IN Asli, F Tabei, A Rakhsha, B Shafie. Efficacy and Side Effects of Re-186-HEDP in Bone Pain Palliation of Patients with Widespread Skeletal Metastases. EANM 2012, Proceedings of European journal of nuclear medicine and molecular imaging. 39, S304-S305
6. M Motazedian, F Tabeie, P Vatankhah, M Mirzababae, B Shafiei, IN Asli. An Update On Patients' Radiation Absorbed Dose From Diagnostic Nuclear Medicine Procedures In Hospitals Affiliated To Shahid Beheshti University Of Medical Sciences, Tehran. EANM 2012, Proceedings of European journal of nuclear medicine and molecular imaging. 39, S391-S392
7. Differentiated thyroid carcinoma in children and adolescents; a review on clinical presentation, therapy, and outcome
8. B Shafiei, M Motazedian, S Hoseinzadeh, M Mirzababae, P Vatankhah, N Baharfar, F Tabeie, I Neshandar Asli. EANM 2012, Proceedings of European journal of nuclear medicine and molecular imaging. 39, S341-S341
9. Tabeie F, Neshandar Asli I · Motazedian M. Radiation Absorbed Dose of Tehran population from

- Diagnostic Thyroid Nuclear Medicine Examinations. Annual congress of European Association of Nuclear Medicine, EANM10. OCT 9-13 2010. Vienna, Austria.
10. N. Baharfar, I. Neshandar Asli, B. Shafiei, F. Tabeie, H. javadi. Relation between clinical and laboratory parameters with radiation dose rates from patients receiving iodine-131 therapy for thyroid carcinoma. Annual congress of European Association of Nuclear Medicine, EANM09. OCT 10-14 2009. Barcelona Spain.
  11. Tabeie F, Shiran M.B. A new string phantom with four independent variables for evaluation of doppler ultrasonography instruments. World congress of Medical Physics and Biomedical Engineering ( wc 2009) . Munich, Germany. SEP 7-12, 2009.
  12. Tabeie F, Bolouri B, Safari .V.A, Mosaffa N. Effects of pulsed extremely low frequency magnetic fields on growth rate of mouse. 5<sup>th</sup> international workshop on biological effects of electromagnetic fields. Palermo, Italy, SEP 28-OCT 2, 2008
  13. Tabeie F, Arbabi A, Neshandar A.E, Fotouhi F, Shafiei B. Isolation period of patients receiving iodine-131 therapy for carcinoma of thyroid. Proceedings of Annual congress of European society of nuclear medicine. Copenhagen, Denmark , Oct 13-17, 2007
  14. Tabeie F, Neshandar Asli I, Aghamiri S.M.R , Sagari M, Arbabi K. Interdependency of staff and patient absorbed doses resulting from diagnostic nuclear medicine procedures. World congress of Medical Physics and Biomedical Engineering ( wc 2006) . Seoul. Korea. Aug.2006.
  15. Tabeie F, Neshandar Asli I, Aghamiri S.M.R. Arbabi K. Population Radiation Absorbed Dose from Diagnostic Nuclear Medicine Examinations in Tehran, 2002-2003. 14<sup>th</sup> International conference of medical physics, Nuremberg, Germany, Sep 2005.
  16. Tabeie F, Neshandar Alsli I, Aghamiri S.M., and Arbabi K. Radiation Exposure of Paediatric Population from Diagnostic Nuclear Medicine Examinations in Tehran: 2003. 4<sup>th</sup> International LOWRAD conference. Hamilton, Toronto, Canada, Jun 2005.
  17. Tabeie F, Bolouri B, Jalilian AR, Mosaffa N, Rajabi H and Neshandar AE. Distribution of <sup>67</sup>Ga-Bleomycin complex and carrier free <sup>67</sup>Ga in fibrosarcoma-bearing mice. World congress of Medical Physics and Biomedical Engineering ( wc 2003) . Sydney. Australia. Aug.2003

### Cooperation with Journals as Reviewer:

- Journal 1: Medicine
- Journal 2: Archives of medical science
- Journal 3: Cell journal
- Journal 4: Journal of Ophthalmic and Vision research
- Journal 5: Iranian journal of Nuclear medicine
- Journal 6: Iranian journal of Medical physics

## **Executive Experiences**

1. Physicist of Nuclear medicine department, school of medicine, Taleghani hospital, Shahid Beheshti of Medical Sciences, Tehran, Iran.
2. Radiation health physics officer, Taleghani hospital.

## **Courses**

1. IAEA regional training course on Radiation protection , UAE, Dubai, SEP 2006
2. IAEA regional training course on Hospital radiopharmacy, Jordan, Amman, MAY 2005.

## **Memberships**

Iranian society of Medical physics  
Iranian society of Nuclear medicine  
Iranian board of Nuclear medicine  
International organization of medical physics, IOMP

## **Awards and Honors and Achievements**

### **Participated in workshops & Courses**

1. IAEA regional training course on Radiation protection , UAE, Dubai, SEP 2006
2. IAEA regional training course on Hospital radiopharmacy, Jordan, Amman, MAY 2005.

### **Certifications**

1. Certificate of primary training courses & certificates on excimer laser photorefractive surgery instruments , Wavelight , Frankfurt, Germany, 2005.
2. Certificate of advanced training courses & certificates on excimer laser photorefractive surgery instruments , Wavelight , Frankfurt, Germany, 2006.

### **Inventions**

1. Tabeie Faraj , US patent No.: US10,219,788 B2. Mar.5, 2019. String phantom with four independent parameters for evaluation of doppler ultrasonography instruments.
2. Fixed and adjustable depth biopotential recording electrodes for electrophysiologic studies. Pat. No. 308-294-5291. Iranian R.O.C. Organization, 1991.



## Languages

1. Persian
2. English

## Hobbies

Sport, running, Mountain Climbing