

CURRICULUM VITAE

Name: VAHID REZA

Surname: YASSAEE

Date of birth: 1962

Nationality: Iranian

Contact Address:

Genomic Research Center

Taleghani Hospital, Aarabi St., Yaman Ave.,

Evin, Velenjak

Shahid Beheshti University of Medical Sciences

Tehran-1966645643

IRAN



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vahid_r_yassaee@hotmail.com

High Education:

1986 -1993

Doctorate Degree in Medicine

Faculty of Medicine, Iran University of Medical Sciences

Tehran – Iran

General Practitioner (GP) license number: 43537

1999- 2002

(1)

Doctorate Degree of Philosophy in Medical Genetics

Dept. of Molecular Biology and Biotechnology

The University of Sheffield, Sheffield, S10 2TN, UK

(2)

North Trent Molecular Genetics Laboratory

Sheffield Children's Hospital – (NHS)

Western Bank Sheffield - S10 2TH, UK

Medical Genetic Laboratory license number: A-1751

Awards:

1) A prize for Medical Doctorate thesis by faculty of Medicine, The Iran Medical Sciences University, Tehran-Iran (**1993**)

Titled: Epidemiological study on common skin disorder in eight provinces of Iran

2) A scholarship for a PhD course by faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran-Iran (**1998**)

Experiences:

1) General:

1991-1998

Medical advisory units for Mayor-Tehran Municipality
Head of statistical unit for medical affairs

2) Professional:

1993- 1996

Iranian Ministry of Health and Medical Education
Employed as a General Physician in Primary Health Care (PHC),
Roudbar city - Iran

3) Technical:

1) Four years' experience on managing of a Molecular Genetics Laboratory; experiences on molecular analysis of numerous genetic disorders achieved at Molecular Genetics Laboratory at National Health Services (NHS), Sheffield Children's Hospital Sheffield -UK

2) Genome preparation; DNA, RNA, cDNA

3) Gel based mutation detection techniques: PTT, Multiplex PTT, SSCP, CSGE, DGGE

4) Genome manual analysis; PCR (ARMS, TETRA ARMS, RFLP, MS-PCR ...), RT PCR, etc.; Agarose, PAGE, SDS-PAGE analysis

5) Genome automated analysis, Sanger sequencing, RealTime-PCR

6) Gene Assembling, an experience on BRCA1/2 genes analysis

Position Titles:

May 2013 onward

National Center for Genomic Excellence

Director

Taleghani Hospital, Aarabi St., Yaman Ave.,
Evin, Velenjak
Shahid Beheshti University of Medical Sciences
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June 2007 onward

Genomic Research Center

Director

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Evin, Velenjak
Shahid Beheshti University of Medical Sciences
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May 2008- Dec. 2009 **Director of Medical Genetic Department**
Faculty of Medicine
Shahid Beheshti University of Medical Sciences
Koodakyar St., Daneshjoo Blvd., Velenjak Ave., Eveen
Tehran-1985717443
Iran

June 2002 onward **Associate Professor of Medical Genetics**
Dept. of Medical Genetic
Faculty of Medicine
Shahid Beheshti University of Medical Sciences
Koodakyar St., Daneshjoo Blvd., Velenjak Ave., Evin
Tehran-1985717443
P.O.Box : 19395-4719
Iran

Consultant and Reviewer for several Iranian Medical Journals, including; Archives of Iranian Medicine, Medical Journal of The Islamic Republic of Iran, Iranian Journal of Cancer Prevention, National Molecular Medicine Network-Pasteur Institute, Kosar Medical Journal, etc.

Director of E-Learning courses in collaboration with ESGM/ESHG

May 2015 **28th course in Medical Genetics** hybrid course at Genomic Research Center, Shahid Beheshti University of Medical Sciences,

May 2014 **27th course in Medical Genetics** hybrid course at Genomic Research Center, Shahid Beheshti University of Medical Sciences,

February 2007 Chairman of scientific committee for the 1st congress on IT development in Iranian Medical Universities, 14th -15th Feb. 2007

November 2006 **7th course in Genetic Counseling in Practice** hybrid course at YAZD University of Medical Sciences

May 2006 **19th course in Medical Genetics** hybrid course at Shahid Beheshti University of Medical Sciences, Tehran-Iran

November 2005 **Molecular Cytogenetics and DNA Microarrays** hybrid course at Shahid Beheshti University of Medical Sciences, Tehran-Iran

October 2005 **Cancer Genetics** hybrid course at Shahid Beheshti University of Medical Sciences, Tehran-Iran

May 2005 **18th Medical Genetics** hybrid course at Shahid Beheshti University of Medical Sciences, Tehran-Iran

Interested fields:

- 1) Molecular profiling of **Breast Cancer**
- 2) **Molecular Epidemiology of Cancer** in IRAN - Breast Cancer, Prostate cancer, Bladder cancer, etc.
- 3) **Public Health Genomics**
- 4) Genetic aspect of **Multifactorial Disorders** (Diabetes II, Coronary Artery Disease)
- 5) Gene tracking/identification of gene variation/mutation of **Rare Genetic Disorders** in Iranian population

Google Scholar

http://scholar.google.com/scholar?as_q=&as_epq=Yassae+VR&as_oq=&as_eq=&as_occt=any&as_s_authors=&as_publication=&as_ylo=&as_yhi=&btnG=&hl=en&as_sdt=0%2C5

1. **Mutation spectra of the ITGB2 gene in Iranian families with Leukocyte Adhesion Deficiency type 1. (In press).**
2. **Mutation spectra of BRCA genes in Iranian women with early onset breast cancer, 15 years experiences. (In press).**
3. **A novel homozygous LMNA mutation (p.Met540Ile) causes Mandibuloacral Dysplasia type A. (submitted/ in review).**
4. **New gene profiling in determination of Breast Cancer recurrence and prognosis in Iranian women. (submitted/ in review).**
5. **A new approach for molecular diagnosis of TAR syndrome. Vahid R. Yassae, Feyzollah Hashemi-Gorji, Ziba Soltani, Seyed Mohammad Poorhosseini. *Clinical Biochemistry* 47 (2014) 835–839, <http://dx.doi.org/10.1016/j.clinbiochem.2014.04.018>**
6. **Cloning and Expression of Influenza H1N1 NS1 Protein in *Escherichia Coli* BL21. Marzieh Sadeghi; Mojgan Bandehpour; Fatemeh Yarian; Vahidreza Yassae; Elham Torbati; Bahram Kazemi. *Iran J Biotech.* 2014 April; 12(1): e12625. DOI: 10.5812/ijb.12625**
7. **Screening for Genomic Rearrangements at BRCA1 Locus in Iranian women with Breast Cancer using Multiplex Ligation-Dependent Probe Amplification, Vahid R Yassae, Emamalizadeh B., Omrani M.D., *Journal of Genetics*, 2013, Vol. 92, No 1. PMID: 23640417, doi:10.1007/s12041-013-0223-5**
8. **TAR Syndrome, a Rare Case Report with Cleft Lip/Palate. A. Naseh , A. Hafizi , F. Malek , H. Mozdarani , V.R. Yassae. *The Internet Journal of Pediatrics and Neonatology.* 2012 Volume 14 Number 1. doi:10.5580/2c2a**
9. **Mutation Spectra of the AAAS Gene in Iranian Families with Allgrove Syndrome. Vahid R.Yassae , Z. Soltani, B. Malekafzali A., *Arch. Med. Res.*, 2011 Feb;42(2):163-8. PMID:21565631, doi: 10.1016/j.arcmed.2011.02.006**
10. **BRCA1 and BRCA2 Genetic Testing in Breast and/or Ovarian Cancer Families in Iran, F. Keshavarzi, G. R. Javadi, Nahid Nafissi, M. E. Akbari, V.R. Yassae, M. Sharafi Farzad, S. Zeinali ; *Yakhteh Medical Journal*, Vol 12, No 3, Autumn 2010, Pages: 329-340**
11. **No Association between Gadolinium-Based Contrast Agents and Development of Nephrogenic Systemic Fibrosis: a Case Study, B. Malekafzali A., S. Pirozi, Vahid R. Yassae, *Iranian Journal of Dermatology*, Vol 12, No 3(Suppl), Autumn 2009**
12. **Comparison of CEL I gene expression and mismatch-cleavage activity in some Apiaceae plants, J. Zolala, A.R. Bahrami, M. Farsi, M. M. Matin, Vahid R. Yassae, *Mol Breeding*, 2009, doi 10.1007/s11032-009-9267-x**

13. **Gene assembling, a new approach in molecular diagnosis of hereditary breast cancer.** **Vahid R. Yassaee**, A. Dalton ; **Medical Journal Of Islamic Republic Of Iran**, Vol. 21 Issue 1, May **2007**
14. **The New Genetically Mutations in the Breast Cancer's main Genes (BRCA1, BRCA2) in Iranian women affected by Unripe Cancer.** **Yassaee, V. R.**, A. Dalton, and D. P. Hornby **Research journal of Medical Science.** 28 (**2006**): 101-108.
15. **Novel mutations in the BRCA1 and BRCA2 gene in Iranian women with early-onset Breast Cancer.** **Vahid R. Yassaee**, S. Zeinali, I. Harirchi, S. Jarvandi, M. A. Mohagheghi, D. P. Hornby, A. Dalton; **Breast Cancer Res. Journal.** **2002**; 4:R6. doi:10.1186/bcr443, PMID: 12100744

Poster presentations and Attended Conferences

1. A novel mutations in Iranian family with Phenylketonuria. Z. Soltani, M. Miryounesi, **V. R. Yassaee**. **European Journal of Human Genetics**, Volume 22 Supplement 1, May **2014**
2. A novel homozygote p.Met540Ile LMNA mutation causes mandibuloacral dysplasia type A. **V. R. Yassaee**, A. Khojasteh, F. Hashemi-Gorji, P. Toossi, S. M. Poorhosseini, S. R. Mazhari. **European Journal of Human Genetics**, Volume 22 Supplement 1, May **2014**
3. Association study of promoter polymorphisms of *nucb2* gene in Iranian patients with type 2 diabetes. S. Mosammami, **V. R. Yassaee**, Z. Soltani, K. Roohi Gilani. **European Journal of Human Genetics**, Volume 22 Supplement 1, May **2014**
4. Mutation spectra of the ITGB2 gene in Iranian families with Leukocyte Adhesion Deficiency type1. **V. R. Yassaee**, S. Boosaliki, F. Hashemi-Gorji, P. Dashti, N. Parvaneh3, M. Piryaei2;, **European Journal of Human Genetics**, Volume 22 Supplement 1, May **2014**
5. Quantitative real-time PCR technique for rapid diagnosis of TAR Syndrome. **V. R. Yassaee**; F. Hashemi Gorji1. **ESHG congress 8th -11th June 2013**, Paris, FRANCE
6. C/ebpbeta, e2f-1 and maz are predicted as a putative transcription factor for regulating *rbm8a* gene expression in TAR syndrome. **V. R. Yassaee**, F. Hashemi Gorji, R. Mirfakhraie. **HGM 13th -18th April 2013**, Singapore
7. Mutation Spectra of the AAAS Gene in Iranian Families with Allgrove Syndrome.
8. **V. R. Yassaee**, Z. Soltani , B. Malekafzali A. **ESHG congress 28th-31th May 2011**, Amsterdam, The Netherlands
9. Ethical Issues in prevention of genetic diseases in Iran - SH Jamaldini, **Vahid R. Yassaee**, SMH Ghaderian, **British Human Genetics**, Conference Aug.**2009**, University of Warwick, UK
10. Post genome era, time for professional education and public awareness. The International Congress on Medical Education (WFME), 25th -27th Oct. **2008**, KISH- Iran
11. Correlation of RAD51 gene variant (R150Q) with familial breast cancer, Hamid R. Khorram Khorshid, Mostafa Fakhri, **Vahid R. Yassaee**, and et al., The 1st International Congress on Health Genomics and Biotechnology, 24th -26th Nov. **2007**, Tehran- Iran

12. Involvement of the Cys557Ser allele of the human BARD1 gene in susceptibility to familial breast cancer, Hamid R. Khorram Khorshid, Mostafa Fakhri, **Vahid R Yassaee**, and et al., The 1st International Congress on Health Genomics and Biotechnology, 24th -26th Nov. **2007**, Tehran- Iran
13. Impact of human genome discovery on public health, The 1st International Congress on Health Genomics and Biotechnology, 24th -26th Nov. **2007**, Tehran- Iran
14. Genetic counseling in breast and colorectal cancer, cons and pros, International Breast Cancer Congress, 23rd -25th Feb. **2007**, Tehran- Iran
15. A practical model to integrate genetic services in Iranian Primary Health Care (PHC) system, a pilot survey. 11th International Congress of Human Genetics, 6th-10th August **2006**, Brisbane- Australia
16. Gene assembling, a new approach in mutation detection techniques: An application for BRCA genes scanning. HGM 2002, 14-17 April **2002**, Shanghai, China.
17. Novel mutations in the BRCA1 and BRCA2 gene in Iranian women with early-onset Breast Cancer. 10th International Congress of Human Genetics, 15-19 May **2001**, Vienna, Austria

Oral presentations

- 1) Breast Cancer, from gene investigation to disease management, **Vahid R. Yassaee**. 8th Annual Meeting of the Iranian Cancer Association, 20th – 21th Dec. **2012**, Tehran Iran
- 2) Breast Cancer, New Genes, More Challenge, **Vahid R. Yassaee**, Z. Soltani. M. Movahedi M. 70th Annual Meeting of the Japanese Cancer Association, 3rd – 5th Oct. **2011**, NAGOYA-JAPAN
- 3) Adjudication of Public Rights in Benefiting from the Outcomes of Human Genome Project. **Vahid R. Yassaee**, Saeid R. Ghaffari. Genetics- Law, Ethics, Psychology, 10th -11th Nov. **2010**, Tehran-Iran
- 4) A comprehensive and practical model to integrate Genomic Services in Iranian Primary Health Care (PHC) system, a pilot survey, The 1st International Congress on Health Genomics and Biotechnology, 24-26 Nov. **2007**, Tehran- Iran
- 5) Genetic Counseling, significant structure of comprehensive genetic services in Iran. 18th Int. Pediatrics Congress, 28th October- 2nd November **2006**, Tehran-Iran.
- 6) Gene assembling, a new approach in mutation detection techniques; an application for BRCA genes scanning. International Genetics Congress. 9th – 11th December **2003**. Dubai- UAE.
- 7) Genetic of Breast Cancer. 27th Annual Iranian Association of Surgeons Congress May **2003**, Tehran, Iran.
- 8) Genetic Glue, a new method for detection of mutation in hereditary disorders. 8th Iranian Genetics Congress 20-22 May **2003**, Tehran, Iran.

GenBank accession number (search GenBank for Yassaee, V.R.)

<http://www.ncbi.nlm.nih.gov/nucleotide/?term=Yassaee+VR>

2015

KP404097.1: [Homo sapiens isolate BRCA1-e11-1 breast cancer type 1 susceptibility protein \(BRCA1\) gene, exon 11 and partial cds](#)

KP455327.1: [Homo sapiens breast cancer type 1 susceptibility protein \(BRCA1\) gene, partial cds](#)

NM_015665.5: [Homo sapiens achalasia, adrenocortical insufficiency, alacrimia \(AAAS\), transcript variant 1, mRNA](#)

NM_001173466.1: [Homo sapiens achalasia, adrenocortical insufficiency, alacrimia \(AAAS\), transcript variant 2, mRNA](#)

2014

KM464556.1: [Homo sapiens isolate GRC-BRCA208089 truncated breast cancer type 2 susceptibility protein \(BRCA2\) gene, exons 19, 20 and partial cds](#)

KM434065.1: [Homo sapiens breast cancer type 1 susceptibility protein \(BRCA1\) gene, exon 11 and partial cds](#)

KJ579163.1: [Homo sapiens RNA binding motif protein 8A \(RBM8A\) gene, complete cds](#)

KJ579164.1: [Homo sapiens isolate ex1M RNA binding motif protein 8A \(RBM8A\) gene, exon 1 and partial cds](#)

KJ579165.1: [Homo sapiens isolate ex1P RNA binding motif protein 8A \(RBM8A\) gene, exon 1 and partial cds](#)

KJ528562.1: [Homo sapiens isolate GRC-LAD11129201 integrin beta-2 \(ITGB2\) gene, exons 2, 3 and partial cds](#)

KJ528563.1: [Homo sapiens isolate GRC-LAD11129202 integrin beta-2 \(ITGB2\) gene, exons 2, 3 and partial cds](#)

KJ528564.1: [Homo sapiens isolate GRC-LAD11129203 integrin beta-2 \(ITGB2\) gene, exons 2, 3 and partial cds](#)

KJ528565.1: [Homo sapiens isolate GRC-LAD11129204 integrin beta-2 \(ITGB2\) gene, exon 5 and partial cds](#)

KJ528566.1: [Homo sapiens isolate GRC-LAD11129205 integrin beta-2 \(ITGB2\) gene, exon 5 and partial cds](#)

KJ528567.1: [Homo sapiens isolate GRC-LAD11129206 integrin beta-2 \(ITGB2\) gene, exon 5 and partial cds](#)

KJ528568.1: [Homo sapiens isolate GRC-LAD11129207 integrin beta-2 \(ITGB2\) gene, exon 6 and partial cds](#)

KJ528569.1: [Homo sapiens isolate GRC-LAD11129208 integrin beta-2 \(ITGB2\) gene, exon 6 and partial cds](#)

KJ528570.1: [Homo sapiens isolate GRC-LAD11129209 integrin beta-2-like \(ITGB2\) gene, partial sequence](#)

KJ528571.1: [Homo sapiens isolate GRC-LAD11129210 integrin beta-2 \(ITGB2\) gene, exon 6 and partial cds](#)

KJ528572.1: [Homo sapiens isolate GRC-LAD11129211 integrin beta-2 \(ITGB2\) gene, exon 6 and partial cds](#)

KJ528573.1: [Homo sapiens isolate GRC-LAD11129212 integrin beta-2 \(ITGB2\) gene, exon 7 and partial cds](#)

KJ528574.1: [Homo sapiens isolate GRC-LAD11129213 integrin beta-2 \(ITGB2\) gene, exon 7 and partial cds](#)

KJ528575.1: [Homo sapiens isolate GRC-LAD11129214 integrin beta-2 \(ITGB2\) gene, exon 7 and partial cds](#)

KJ528576.1: [Homo sapiens isolate GRC-LAD11129215 integrin beta-2 \(ITGB2\) gene, exon 7 and partial cds](#)

KJ528577.1: [Homo sapiens isolate GRC-LAD11129216 integrin beta-2-like \(ITGB2\) gene, partial sequence](#)

KJ528578.1: [Homo sapiens isolate GRC-LAD11129217 integrin beta-2 \(ITGB2\) gene, exon 7 and partial cds](#)

KJ528579.1: [Homo sapiens isolate GRC-LAD11129218 integrin beta-2 \(ITGB2\) gene, exon 9 and partial cds](#)

KJ528580.1: [Homo sapiens isolate GRC-LAD11129219 integrin beta-2 \(ITGB2\) gene, exon 9 and partial cds](#)

KJ528581.1: [Homo sapiens isolate GRC-LAD11129220 integrin beta-2-like \(ITGB2\) gene, partial sequence](#)

KJ528582.1: [Homo sapiens isolate GRC-LAD11129221 integrin beta-2 \(ITGB2\) gene, exon 10 and partial cds](#)

KJ528583.1: [Homo sapiens isolate GRC-LAD11129222 integrin beta-2-like \(ITGB2\) gene, partial sequence](#)

KJ528584.1: [Homo sapiens isolate GRC-LAD11129223 integrin beta-2 \(ITGB2\) gene, exon 10 and partial cds](#)

KJ528585.1: [Homo sapiens isolate GRC-LAD11129224 integrin beta-2 \(ITGB2\) gene, exon 13 and partial cds](#)

KJ528586.1: [Homo sapiens isolate GRC-LAD11129225 integrin beta-2 \(ITGB2\) gene, exon 13 and partial cds](#)

KJ528587.1: [Homo sapiens isolate GRC-LAD11129226 integrin beta-2 \(ITGB2\) gene, exon 14 and partial cds](#)

KJ528588.1: [Homo sapiens isolate GRC-LAD11129227 integrin beta-2 \(ITGB2\) gene, exon 14 and partial cds](#)

KJ528589.1: [Homo sapiens isolate GRC-LAD11129228 integrin beta-2-like \(ITGB2\) gene, partial sequence](#)

KJ528590.1: [Homo sapiens isolate GRC-LAD11129229 integrin beta-2 \(ITGB2\) gene, exons 15, 16 and partial cds](#)

KJ528591.1: [Homo sapiens isolate GRC-LAD11129230 integrin beta-2 \(ITGB2\) gene, exons 15, 16 and partial cds](#)

KJ528592.1: [Homo sapiens isolate GRC-LAD11129231 integrin beta-2 \(ITGB2\) gene, exons 15, 16 and partial cds](#)

KJ528593.1: [Homo sapiens isolate GRC-TYR111292 tyrosinase precursor \(TYR\) gene, complete cds](#)

KJ145927.1: [Homo sapiens lamin A/C \(LMNA\) gene, complete cds](#)

2011

HQ000037.1: [Homo sapiens mutant Allgrove syndrome \(AAAS\) gene, enhancer sequence](#)

GU994024.1: [Homo sapiens mutant Allgrove syndrome protein \(AAAS\) gene, exon 1 and partial cds](#)

GU994025.1: [Homo sapiens mutant Allgrove syndrome protein \(AAAS\) gene, exons 10, 11 and partial cds](#)

GU994026.1: [Homo sapiens mutant Allgrove syndrome protein \(AAAS\) gene, exon 9 and partial cds](#)

GU994027.1: [Homo sapiens mutant Allgrove syndrome protein \(AAAS\) gene, exon 8 and partial cds](#)

GU994028.1: [Homo sapiens mutant Allgrove syndrome protein \(AAAS\) gene, partial cds](#)

2005

DQ115319.1: [Homo sapiens truncated breast and ovarian cancer susceptibility protein \(BRCA2\) gene, exon 11 and partial cds](#)

2002

AF348515.1: [Homo sapiens mutant early onset breast cancer susceptibility protein 2 \(BRCA2\) gene, exon 11 and partial cds](#)

AF317283.1: [Homo sapiens mutant BRCA2 gene, partial sequence](#)

AF309413.1: [Homo sapiens BRCA2 protein \(BRCA2\) gene, partial cds](#)

AY008850.1: [Homo sapiens breast cancer 2 tumor suppressor \(BRCA2\) gene, exon 17 and partial cds](#)

AY008851.1: [Homo sapiens breast cancer 2 tumor suppressor \(BRCA2\) gene, exon 23 and partial cds](#)

AF288936.1: [Homo sapiens mutant breast and ovarian cancer susceptibility gene \(BRCA1\) gene, exon 2](#)

AF288937.1: [Homo sapiens mutant breast and ovarian cancer susceptibility gene \(BRCA1\) gene, exon 2](#)

AF288938.2: [Homo sapiens breast cancer 2, early onset \(BRCA2\) gene, partial sequence](#)

AF284812.1: [Homo sapiens BRCA1 \(BRCA1\) gene, exon 20 and partial cds](#)

AF274503.1: [Homo sapiens breast and ovarian cancer susceptibility \(BRCA1\) pseudogene, partial mRNA sequence](#)

Journal Publications (Persian)

- ۱- بازال سل کارسینوما در یک مرد جوان، معرفی یک بیمار. مجله علمی سازمان نظام پزشکی ، فصلنامه دوره ۲۶، شماره ۴ ، زمستان ۱۳۸۷، صفحات ۵۶۳-۵۶۰
- ۲- "مونتاز ژن‌ها، ماده ای جدید برای شناسایی جهش های ژنتیکی " کاربردی اساسی برای آنالیز مولکولی ژن های پیچیده مرتبط با سرطان ارثی پستان. مجله پژوهش در پزشکی، سال ۲۹، شماره ۳ پاییز ۱۳۸۴
- ۳- جهش های ژنتیکی جدید در ژنهای اصلی سرطان پستان (BRCA1/BRCA2) در زنان ایرانی مبتلا به سرطان پستان زودرس. مجله پژوهش در پزشکی، سال ۲۸، شماره ۲ تابستان ۱۳۸۳
- ۴- برآورد پزشک متخصص مورد نیاز کشور در سال ۱۳۸۲. مجله پژوهشی حکیم، سال ۱۳۸۱ ، دوره ۵ ، شماره ۴ ، صفحات ۲۸۴-۲۷۹