

رزومه سید رضا قوامی ریابی

Curriculum vitae (Resumes) of  
**Seyed Reza Ghavami-Riabi**

بروز شده: آذر ماه 1392

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## الف - اطلاعات عمومی



نام: سید رضا

نام خانوادگی: قوامی ریابی

متولد: 1346/6/20

محل تولد: گناباد - استان خراسان جنوبی

وضعیت تاهل: متاهل

تعداد فرزندان: دو

آدرس ایمیل: [ghavami@shahroodut.ac.ir](mailto:ghavami@shahroodut.ac.ir) و [rghavami2@yahoo.com](mailto:rghavami2@yahoo.com)

### 1. General information

Name: Seyed Reza

Sure name: Ghavami-Riabi

Birthday: 1967/07/11

Place of Birth: Gonabad- Southern Khorasan, Iran

Status: Married

Number of children: Two

Free time: Soccer

Email address: [ghavami@shahroodut.ac.ir](mailto:ghavami@shahroodut.ac.ir) and [rghavami2@yahoo.com](mailto:rghavami2@yahoo.com)

## ب - سوابق تحصیلی - دانشگاهی

- 1- کارشناسی مهندسی معدن (اکتشاف معدن) - دانشگاه صنعتی اصفهان - از سال 1365 لغایت 1369
- 2- کارشناسی ارشد مهندسی معدن (اکتشاف معدن) - دانشگاه صنعتی امیر کبیر تهران - از سال 1369 لغایت 1372 (فارغ التحصیل رتبه اول)
- 3- دکتری مهندسی معدن (اکتشافات ژئوشیمیایی) - دانشگاه پرتوریا - آفریقای جنوبی - از 1381 لغایت 1385
- 4- رتبه علمی: دانشیار

## 2. High school diploma and Academic degrees

- 1) Mathematic and Physic diploma- Shariati high school- 1986 to 1990, Mashhad, Iran
- 2) Mining Exploration Engineering (B.Eng.)- Esfahan University of Technology- 1990-1994
- 3) Mining Engineering (M.Eng., Geophysical exploration field)- Amir-Kabir University of Technology- 1994-1997( **I was introduced as “Top M.Eng. Student” in 1997.**)
- 4) PhD of Exploration Geochemistry- Pretoria University- South Africa- 2003-2006
- 5) Associated Prof.

## ج- تجربیات کاری

- 1- سازمان زمین شناسی کشوری (کارشناس واحد اکتشافات ژئوشیمیایی)- سال 1370.
- 2- واحد اکتشاف و تولید وزارت نفت (اداره ژئوفیزیک)- سالهای 1371 و 1372 ،
- 3- دانشکده معدن و ژئوفیزیک دانشگاه صنعتی شاهرود (عضو هیات علمی) - از سال 1373 تاکنون،
- 4- موسسه آموزشی و پژوهشی معادن و فلزات (ارائه دهنده دوره های آموزشی تخصصی نمونه برداری برای کارشناسان معادن استانهای مختلف).
- 5- شرکت معدن نگار نوین - از سال 1379 تا کنون،
- 6- مدیر گروه رشته اکتشاف و ژئوفیزیک دانشکده معدن دانشگاه صنعتی شاهرود - سال 1388 تا 1390،
- 7- همکار طرح پژوهشی "تهیه اطلس زمین گرمایی استان اردبیل" -ستاد انرژیهای نو (معاونت فنآوریهای ریاست جمهوری)- از سال 1388 تاکنون،
- 8- عضو کمیته پژوهشی دانشکده معدن، نفت و ژئوفیزیک دانشگاه صنعتی شاهرود،
- 9- عضو کمیته تحسیلات تکمیلی دانشکده معدن، نفت و ژئوفیزیک دانشگاه صنعتی شاهرود،
- 10- معاون آموزشی - پژوهشی دانشکده مهندسی معدن، نفت و ژئوفیزیک دانشگاه صنعتی شاهرود (از اردیبهشت 1390 تا 1392/4/17)،
- 11- مجری طرح پژوهشی " پروژه مشترک مطالعات منابع زمین گرمایی استان آذربایجان شرقی " ستاد توسعه انرژیهای نو (معاونت فنآوریهای ریاست جمهوری)- از اواخر سال 1391، و
- 12- رئیس دانشکده مهندس معدن، نفت و ژئوفیزیک دانشگاه صنعتی شاهرود (از 1392/4/17 تاکنون).

### 3. Experiences

- 1) Geology Survey of Iran, Geochemical exploration section, 1990-1991
- 2) National Iranian Oil Company, Geophysics section, 1992-1993
- 3) Shahrood University of Technology, Mining Department, 1993- up to now
- 4) Work Shop for Ministry of Mining and Industry (Sampling)
- 5) Madan-Negar Novin Company, 2000 up to now
- 6) Head of Exploration, Petroleum and Geophysics Group, Shahrood Univ. of Tech., 2009 to 2011
- 7) Dean of Mining, Petroleum and Geophysics Faculty, Shahrood Univ. of Tech., beginning of 2013 up to now

### 4. Project Involved

- 1- Evaluation of the geochemical characteristics of Taknar polymetal deposit based on rock and borehole samples (Director of the Project, supported by Shahrood Univ. of Tech.), 2009-2010
- 2- Geothermal Atlas of Ardabile Province of Iran (Geology and Geochemistry supervisor, supported by SANA), 2009 up to now.
- 3- Geothermal Atlas of Eastern Azarbayejan Province of Iran (Leader of the Project from Shahrood Univ. of Tech, and Geology and Geochemistry supervisor), supported by SANA, 2012 up to now.

## د - سوابق آموزشی

- 1- ژئوشیمی کاربردی (کارشناسی ارشد)
- 2- ژئوشیمی آلی (کارشناسی ارشد)
- 3- اکتشاف کانسارهای فلزی (کارشناسی ارشد)
- 4- نمونه برداری (کارشناسی ارشد)
- 5- ژئوشیمی اکتشافی 1 و 2 (کارشناسی)
- 6- زمین شناسی اقتصادی (کارشناسی)
- 7- تجزیه مواد معدنی (کارشناسی)
- 8- چاه پیمایی (کارشناسی)
- 9- ارزیابی ذخایر معدنی (کارشناسی)

## **5. List of lectured subjects in Universities and Industry**

- 1) Introduction to Geochemistry I and II (B.Eng. students)
- 2) Geochemical Exploration (M.Eng. students)
- 3) Organic Geochemistry (M.Eng. students)
- 4) Exploration of Metallic ore deposits (M.Eng. students)
- 5) Economic Geology (B.Eng. students)
- 6) Sampling (M.Eng. students and work shops for Industry)
- 7) Equipment analyses (B.Eng. students)
- 8) Evaluation of mineral reserves (B.Eng. students)
- 9) Well logging (B.Eng. students)

## ه - زمینه‌های تحقیقاتی مورد علاقه

- 1- ژئوشیمی اکتشافی و ارزیابی ذخایر معدنی،
- 2- ارزیابی سنگ منشاء (ژئوشیمی آلی)، ارزیابی شیل‌های گازی، ژئوشیمی گاز-خاک،
- 3- کاربرد ژئوشیمی کانیها بعنوان راهنمای طرح‌های اکتشافی،
- 4- تحقیقات زمین‌گرایی (زمینه‌های ژئوشیمی اکتشافی)،
- 5- روش‌های تفکیک آنومالی به منظور اولویت بندی مناطق با پتانسیل و رتبه‌بندی آنومالی‌های اکتشافی،
- 6- شناسایی الگو و نسبت‌های شاخص در راستای اکتشاف کانی‌سازی‌های پنهان و هدایت حفاری‌ها برای دسترسی به مناطق هدف، و
- 7- کاربرد روش‌های تحلیل داده و آمار چند متغیره بمنظور تعیین عوامل اصلی کنترل‌کننده تغییرپذیری‌های با اهمیت جهت فازهای بعدی اکتشافی.

## 6. Interest research fields

- 1- Geochemical exploration and Mineral evaluation field;
- 2-Source rock evaluations (organic Geochemistry), Shale gas evaluations, Soil-gas geochemistry;
- 3- Mineral geochemistry and use of this method in identification of pathfinder minerals for exploration plans;
- 4- Geothermal project (Geology and Geochemistry investigations);
- 5- Anomaly separation techniques using in exploration project for prioritize of the high potential areas and anomaly ranking;
- 6-Pattern recognition and identification of the index ratios to explore the blind reserves and conduct the drilling program to access the target areas; and
- 7- Using the statistical and multi-variance methods to introduce the controller factors for follow up exploration plan in the new investigation areas.

## و- مقالات چاپ شده علمی

### 7. Published articles

**تذکره:** به منظور جلوگیری از تکرار عناوین مقالات به دو زبان، سعی شده است تا کلیه مقالاتی که در مجلات علمی-پژوهشی و یا کنفرانسهای داخل کشور منتشر شده اند با "(Persian Lang.)" و مقالات خارجی با "(English)" در انتها مشخص شوند.

**Note:** Articles published in Iranian Journals or conferences were referred by "(Persian Lang.)", and other Journals or English language conferences were referred by "(English)" at the end.

- 1) "Investigation of hydrocarbon potential for Ilam, Lafan and Sarvak Formation in Nosrat oil field–NW Persian Gulf based on Rock-Eval IV pyrolysis and GC data" M. Sadegi, M.R. Kamali, **R. Ghavami-Riabi**, M. Ghorbani, M. Kasi-Najafi; Iranian Geology, 1392, In Press (Persian Lang.).
- 2) "Investigation of the fractal modeling (Variable-Area method) accuracy in anomaly separation for systematic and unsystematic exploration data sets" S. Tabasi, **R. Ghavami-Riabi**, F. Doulati-Ardajani; Iranian Journal of Mining Engineering (IRJME); 1391, 3, 215-224 (Persian Lang.).
- 3) "A robust methodology for prediction of DT wireline log"; Sh. Malehi, A. Moradzadeh, **R. Ghavami**, F. Sadeghzadeh; Iranian Journal of Earth Sciences; 2013 (English).
- 4) "Comparison of empirical and artificial intelligence methods in prediction of shear wave velocity"; S.H. Maleki, A. Moradzadeh, **R. Ghavami** and Farhad Sadeghzadeh; 2012, Journal of Petroleum and gas exploration Research (English).
- 5) "Application of MARS modeling to estimate Au values based on the paragenesis elements"; **R. Ghavami-Riabi**, D. Shamsavani; Iranian Journal of Mining Engineering (IRJME); 1392, 15, 1-13 (Persian Lang.).
- 6) "Determination of residual component for gravity data by using probability plot modeling"; S. Tabasi, **R. Ghavami-Riabi**, F. Doulati-Ardajani; Iranian Journal of Mining Engineering (IRJME); 1391, 17, 29-32 (Persian Lang.).
- 7) "Investigation of blind massive sulphide deposit signatures in the calcrete layers as a geochemical barrier, Case study: Areachap, Kantienpan and Copperton deposits"; **Ghavami-Riabi, R.** and Theart, H.F.J.; Journal of Mining & Environment, Vol.2, No.2, 2012 (English).
- 8) "Alteration, zoning model, and mineralogical structure considering litho-geochemical investigation in Northern Dalli Cu–Au porphyry"; F. Darabi-Golestan, **R. Ghavami-Riabi** & H. Asadi-Harooni; Arabian Journal of Geosciences; 2013, 12, 4821-4831, DOI 10.1007/s12517-012-0689-0/10 (English).
- 9) "Interpretation of litho-geochemical and geophysical data to identify the buried mineralized area in Cu-Au porphyry of Dalli-Northern Hill"; F. Darabi-Golestan, **R. Ghavami-Riabi**, R. Khalokakaie, H. Asadi-Harooni & M.

Syedrahimi-Nyaragh; Arabian Journal of Geosciences;2013, 11, 4499-4509, DOI 10.1007/s12517-012-0686-3/ 10 (English).

- 10) "Integration of 2D seismic and well log data for petrophysical modeling and gas reserve estimation in appraisal state of petroleum exploration";Yousef Shiri, Ali Moradzadeh, **Reza Ghavami-Riabi**, and Chehrazi; Journal of seismic exploration 21, 231-246, 2 May, 2012(English).
- 11) "Controlling factors on changes of gold mineralization in Saqqez (Kurdistan) shear zones and reagent ratios of the mineralized section"; H. Alizadeh-Dinabad ; **R. Ghavami-Riabi**; T. Eslamkish; Y. Mirzaeian; Arabian Journal of Geosciences; 2013, 5, 1457-1464, DOI 10.1007/s12517-011-0450-0/ 22(English).
- 12) "Geochemical and mineralogical characteristic of the VHMS alteration pipe, major elements variations and peraluminous ratio, in high grade metamorphosed rocks"; **R. Ghavami-Riabi**, H.F.J. Theart; Journal of Mining & Environment, *Vol.1, No.2, 2010, 29-36 (English)*.
- 13) "Applying the box plot to the recognition of footwall alteration zones related to VMS deposits in a high-grade metamorphic terrain, South Africa, a litho-geochemical exploration application";H.F.J. Theart, **R. Ghavami-Riabi**, H. Mouric and P. Gräserd; Chemie der Erde – Geochemistry, 71, 2011, 143-154(English).  
This article was introduced as **22<sup>nd</sup> article** between the "**Top 25 Hottest articles, Journal of Chemie der Erde – Geochemistry, July to September 2011**"  
<http://top25.sciencedirect.com/subject/environmental-science/13/journal/chemie-der-erde-geochemistry/00092819/archive/34/>
- 14) "Detection of concealed Cu-Zn massive sulfide mineralization in eolian sand above a calcrete layer in the eastern part of the Namaqua Metamorphic Province, South Africa"; **R. Ghavami-Riabi**, H.F.J. Theart, C. De Jager; **Journal of Geochemical Exploration**, Volume 97, Issues 2-3, Pages 43-102 (May-June 2008)(English).  
This article was introduced as **third article** between the "**Top 25 Hottest articles, Journal of Geochemical Exploration, April-June 2008**"  
<http://top25.sciencedirect.com/subject/earth-and-planetary-sciences/9/journal/journal-of-geochemical-exploration/03756742/archive/18/>
- 15) "U-spatial statistic data modeled on Probability diagram for investigation of mineralization phases and exploration of shear zone gold deposits"; **R. Ghavami-Riabi**, M.M. Syedrahimi-Niarag, R. Khalokakaie, M.R. Hazareh; Journal of Geochemical Exploration, 104 (2010) 27-33(English).
- 16) "Geochemical characteristics of shear zone gold mineralization of Kurdistan Province", **R. Ghavami-Riabi**, M.M. Syedrahimi-Nayaragh, R. Khalokakaie, M.R. Hazara; Iranian Journal of Mining Engineering(IRJME), vol. 5, No. 9, 2010, 27-36(Farsi).
- 17) "Modeling of Index Ratios and Prioritization of the Data Mine"; **Ghavami-Riabi, R.**, Alizade H & Aslamkish T; Geochimica et Cosmochimica Acta , June 2010, Volume 74, Issue 11 Supplement 1, A326(English).
- 18) "Geochemical Reflection of the Elements and Exploration Index Ratios", Alipurkarmani D & **Ghavami-Riabi , R.**; Geochimica et Cosmochimica Acta , June 2010; Volume 74, Issue 11 Supplement 1, A13(English).



- 19) "Application of the Residual Values Instead of Raw Data in the Geochemical Evaluation"; Tabasi S & **Ghavami-Riabi, R.**; *Geochimica et Cosmochimica Acta*, June 2010, Volume 74, Issue 11 Supplement 1, A1017(English).
- 20) "Evaluation of fractal dimension in regional geochemical investigation, shear zone gold mineralization"; SeyedRahimi-Niarraq, M.; **Ghavami-Riabi, R.**, *Geochimica et Cosmochimica Acta*, June 2009; Vol. 73, Issue 13S, A1200(English).
- 21) "Estimation of the gold concentration using MARS model in shear zone mineralization-SW of Saqqez, Iran"; **Ghavami-Riabi, R.**; Shahsavani, D.; *Geochimica et Cosmochimica Acta*, June 2009; Vol. 73, Issue 13S, A 431(English).
- 22) "Pattern recognition for the VHMS deposit based on the canonical correlation analysis"; **R.Ghavami-Riabi** and H.F.J. Theart; *Geochimica et Cosmochimica Acta*, July 2008; Vol. 72, Issue 12, A305(English).
- 23) "Application of the correspondence analysis to determine anomalous elements and samples"; F. Darabi gholestan, **R. Ghavami- Riabi**, H. Asadi-Haroni; *Mineralogical Magazine*, June 2011, Vol 75, P722 (English).
- 24) "Two easy methods in evaluation of an exploration data set"; **R. Ghavami-Riabi**, R. Khalo-kakai, H. Asadi-Haroni; *Mineralogical Magazine*, June 2011, Vol 75, P922 (English).
- 25) "Using discrimination analysis for anomaly separation and distinguish the mineralized factors"; M. J. Majlesi. K., M. Memarzadeh, **R. Ghavami- Riabi**, H. Asadi-Haroni; *Mineralogical Magazine*, June 2011, Vol 75, P 722 (English).
- 26) "Vertical interpretation of underground geochemical anomalies using multivariate analysis to estimate the propagation of underground concentrated zones"; S. Malki, **R. Ghavami-Riabi**, N. Sharaki, M. Yousafi, K. Valadi; 4 th Iranian Mining Engineering Conferenc; 2012, 7-9 November. (Persian Lang., Iranian Conference)
- 27) "Prediction of copper concentration obtained by geochemical data of Dali deposit using Support Vector Machine" S. Malki, R. Gholami, **R. Ghavami-Riabi**, M. Ali, M. Yousafi, K. Valadi; 4 th Iranian Mining Engineering Conferenc; 2012, 7-9 November. (Persian Lang.)
- 28) "Source rock evaluation of Gorpi and Pabddeh in Nosrat-Oil Field based on TOC vs pyrolize hydrocarbore"; M. Saddeghi, **R. Ghavami-Riabi**, M.R. Kamali, and B. Ghorbani; The first International conference of oil-gas-petrochemical and power plant ; 2012, Tehran. (Persian Lang.)
- 29) "Evaluation of Pabddeh Formation organic potential in Nosrat-Oil Field based on Rock-Eval pyrolize"; M. Saddeghi, **R. Ghavami-Riabi**, M.R. Kamali, and B. Ghorbani; 16<sup>th</sup> Iranian Geology Society Conference, 2012- Shiraz-Iran. (Persian Lang.)
- 30) "Determination of Young's modulus based on petro-physical logs, Case study: one of oil fields in south of Iran"; S. Malki, A. Moradzade, **R. Ghavami-Riabi**, R. Gholami, F. Sadghzadh; 16<sup>th</sup> Iranian Geology Society Conference, 2012- Shiraz-Iran. (Persian Lang.)

- 31) “Estimation of shear wave based on petro-physical logs and using SVM in carbonate reservoir-Case study: one of oil fields in south of Iran”; S. Malki, A. Moradzade, **R. Ghavami-Riabi**, F. Sadghzadh, R. Gholami; 16<sup>th</sup> Iranian Geology Society Conference, 2012- Shiraz-Iran. (Persian Lang.)
- 32) “Using Trend surface modeling to identify the geochemical anomaly boundaries”; **Ghavami-Riabi, R.** , Jangravi, Z., Hajmolla ali, E.; 25<sup>th</sup> International Applied Geochemistry Symposium 2011; 22-26 August 2011; Rovaniemi- Finland (English).
- 33) “Identification of the hidden relations between variables and mineralization”; **Ghavami-Riabi, R.**, Jangravi, Z., Hajmolla ali, E.; 25<sup>th</sup> International Applied Geochemistry Symposium 2011; 22-26 August 2011; Rovaniemi- Finland (English).
- 34) “SIGNATURE OF THE MINERALIZATION IN THE CALCRETE REGOLITH”; **Ghavami-Riabi, R.** & Theart., H.F.J.; 23<sup>rd</sup> Colloquium of African Geology (CAG23); 8-14 January 2011-South Africa (English).
- 35) “INVESTIGATION OF MINERAL GEOCHEMISTRY PATTERN ADJACENT TO THE ORE ZONE IN VHMS DEPOSIT”; **Ghavami-Riabi, R.** & Theart., H.F.J.; 23<sup>rd</sup> Colloquium of African Geology (CAG23); 8-14 January 2011-South Africa (English).
- 36) “Geochemical patterns and separation of the VHMS deposit boundaries”; **Ghavami-Riabi, R.** & Alipurkarmani, D.; 23<sup>rd</sup> Colloquium of African Geology (CAG23); 8-14 January 2011-South Africa (English).
- 37) “HIGH-GRADE METAMORPHIC TERRAINS AND RECOGNITION OF THE ALTERATION PIPE IN THE VMS DEPOSITS BASED ON BOX PLOT: AN EXAMPLE FROM THE NAMAQUA PROVINCE SOUTH AFRICA”; Theart, H.F.J., **Ghavami-Riabi, R.**, and Mouri, H.; 23<sup>rd</sup> Colloquium of African Geology (CAG23); 8-14 January 2011-South Africa (English).
- 38) “Using the regression and PCA analysis in identification of the probably polymetal mineralization”; **Ghavami-Riabi, R.**, Jangravi, Z., Hajmolla ali, E.; International Multidisciplinary Scientific Geo Conference SGEM 2010 (English).
- 39) “Application of multi-variant statistical methods in identification of the exploration ratios to evaluate and rank the high potential areas”; Jangravi, Z., **Ghavami-Riabi, R.**; 4<sup>th</sup> nation Geology symposium of Payam-Nor university; 3-5 November 2010, Mashhad (Persian Lang.).
- 40) “Using trend surface in separation of the syngenetic component from the epigenetic component to identify the Cu-Au mineralized area in Dalli-North”; F. Darabigolestan, **R. Ghavami-Riabi**, R. Khalokaki, and H. Asadiharoni; 28<sup>th</sup> geosciences symposium; 16-18 September 2010 (Oromiya University)(Persian Lang.)
- 41) “Using fractal method to separate anomaly from background and evaluate the anomaly areas at Dalli-North Cu-Au porphyry mineralization; F. Darabigolestan, R. Khalokaki, **R. Ghavami-Riabi**, and H. Asadiharoni; 28<sup>th</sup> geosciences symposium; 16-18 September 2010 (Oromiya University)(Persian Lang.)

- 42) "The comparison of the basic concept of probability plot method with common gravity anomaly separation method"; Tabasi,S.; **Ghavami-Riabi, R.**; Doulati Ardejani, F ; Mohamado-Khorasani, M.; The 3<sup>rd</sup> Mining Engineering conference of Iran, 27-29 January, 2010 (Yazd University)( Persian Lang.)
- 43) "Investigation of the geochemical behavior of the elements in Taknar polymetal mineralization area"; Alipurkarmani, D.; **Ghavami-Riabi, R.**; Razapur, M.R.; The 3<sup>rd</sup> Mining Engineering conference of Iran, 27-29 January, 2010 (Yazd University)( Persian Lang.)
- 44) "Mass change and geochemical behavior of the elements in Kervian shear zone gold deposit"; Saedi, B.; **Ghavami-Riabi, R.**; The 3<sup>rd</sup> Mining Engineering conference of Iran, 27-29 January, 2010 (Yazd University)( Persian Lang.)
- 45) "The comparison of gold mineralization geochemical data modeling by probplot with fractal (C-A) in separation of sub-populations"; Seyedrahimi-Nayaragh, M.M.; **Ghavami-Riabi, R.**; Khalokakaie, R.; Hazara, M.R.; Handi, R.; The 3<sup>rd</sup> Mining Engineering conference of Iran, 27-29 January, 2010 (Yazd University)( Persian Lang.)
- 46) "Application of U-spatial statistic method in anomaly separation of Au in Kurdistan Area"; Seyedrahimi-Nayaragh, M.M.; **Ghavami-Riabi, R.**; Khalokakaie, R.; Hazara, M.R.; 13<sup>th</sup> conference of Geoscience of Iran (27<sup>th</sup> conference of Geoscience), 8-10 February 2010 (Persian Lang.)
- 47) "Variation of fractal dimension in gravity data and anomaly separation"; Tabasi,S.; **Ghavami-Riabi, R.**; Doulati Ardejani, F ; Mohamado-Khorasani, M.;4<sup>th</sup> Geophysics conference of Iran (11-13 May, 2010, Geophysic institute of Tehran University)( Persian Lang.)
- 48) "Using the regression and PCA analysis in identification of the probably polymetal mineralization"; **Ghavami-Riabi, R.**; Jangravi, Z.; Hajmolla, A. E.; 10<sup>th</sup> International Multidisciplinary Scientific Geo-Conference & Expo SGEM 2010 (English).
- 49) "Principal mineralization factors of Kravian shear zone gold deposit based on the surface lithochemical investigations"; Saeidi, B.; and **Ghavami-Riabi, R.**, 12<sup>th</sup> conference of Geoscience of Iran, 18 February, 2009; Ahvaz, Iran (Persian Lang.)
- 50) "Investigation and Modeling of geochemical characteristics of gold mineralized areas of Kordestan"; SeyedRahimi-Niaraq, M.M.; **Ghavami-Riabi, R.**; Khalokakai, R.; and Hazari, M.R.; 12<sup>th</sup> conference of Geoscience of Iran, 18 February, 2009; Ahvaz, Iran (Persian Lang.)
- 51) "Geochemical modeling of the probability plot data to identify the anomalous areas of gold mineralization"; M. Seyad Rahimi and **R. Ghavami-Riabi**, The 26<sup>th</sup> symposium on Geosciences, 23-25 February 2008, Tehran-Iran (Persian Lang.)
- 52) "Exploration of the new VHMS deposits based on the numerical calculation of hydrothermal alteration effects"; **R. Ghavami-Riabi** and H.F.J. Theart; The 26<sup>th</sup> symposium on Geosciences, 23-25 February 2008, Tehran-Iran (Persian Lang.)

- 53) "Optimization of Exploration grid net of bore holes in Cu porphyry deposit", **Ghavami Riabi, R.**, the 17<sup>th</sup> conference of Iranian Geosciences, 1997, Tehran (Persian Lang.)
- 54) "Two dimensional modeling (polygonal model) of gravity anomalies"; **Ghavami Riabi, R.**; the 2<sup>nd</sup> Geological Society of Iran, 1997 (Persian Lang.)
- 55) "2-D and 3-D Gravity anomaly modeling"; **Ghavami Riabi, R.**; the 9<sup>th</sup> seminar of Geophysics of Iran, 1996 (Persian Lang.)

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