بسمه تعالی

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Research Experience

May 2018 – May 2021	**Head of National Iranian Geophysical Society (NIGS)** National Iranian Geophysical Society (NIGS), WWW.NIGS.IR/En Tehran, Iran
Sep 2004 – Dec 2007 **Dec 2017 – May 2023** **May 2024-May 2025**	**Head of Iranian National Seismological Broadband Network** International Institute of Earthquake Engineering and Seismology (IIEES), Tehran, Iran
Jan 2021 – May2022	**Head of Postgraduate Management** at International Institute of Earthquake Engineering and Seismology (IIEES)
Dec 2008 – May 2011 **June 2013 - Dec 2017** **May 2022 - Present**	**Director of Seismological Research Center at IIEES**
Skills	Seismic Anisotropy, Wavelet Analysis, Signal Processing, Seismology, Earthquake Seismology, Exploration Geophysics, Seismic Tomography, Waveform Inversion, Near Surface Geophysics, Crustal Structure, Seismic Reflection, Applied Geophysics, Inversion theory, Ambient Noise Tomography, Moment Tensor Solution, Earthquake Source Modeling, AI-based signal processing
Languages	Persian, Kurdish, English, Arabic

Journal Publications (2001-2025)

1. Shokri-Kaveh, M., **Javan Doloei, G**., Mansouri, R., Deramgozin, M.M., (2025). Wavelet Feature-Based Earthquake Signal Identification with Attention-Enhanced Lightweight CNNs**.** ***Computers and Geosciences***, Submitted.

2. Movaghari, R., Yang, Y., Mousavi, Z., **Javan Doloei, G.,** (2025). Using Multi-regression Machine Learning to Assess Uncertainties of Surface Wave Phase Velocities Derived from Ambient Noise. ***Big Data and Earth System***, Volume 1, Issue 1, June 2025, 100003. https://doi.org/10.1016/j.bdes.2025.100003.

3. Shokri-Kaveh, M., Mansouri, R., Goudarzi, S., **Javan-Doloei, G**., Zarei, S., (2025). MTIWT: moment tensor inversion using wavelet transform. ***Acta Geophysics*** , https://doi.org/10.1007/s11600-025-01602-9

4. Movaghari, R., **Javan Doloei, G.**, Hessami, K. (2024) Azimuthal seismic anisotropy of the Iran plateau: Insights from ambient noise analysis. ***Physics of the Earth and Planetary Interiors***, 357, DOI: 10.1016/j.pepi.2024.107280.

5. Ahmadzadeh, S., **Javan Doloei, G.** (2024). The high‐frequency decay parameter Kappa (κ) in the Alborz Region using broadband seismic waveforms. ***Journal of Seismology***, 28(3), 1471–1488. DOI: **10.1007/s10950-024-10256-x.**

6. Feraghi Vayghan, A., Abbassi, M.R., **Javan Doloei, G.,** Beygi, S., (2024). Processing the Aeromagnetic data in Tehran province and comparison of its results with seismicity and fault trends. ***Journal of the Earth and Space Physics*****, 50**(3), 541-557. **DOI: 10.22059/JESPHYS.2024.358537.1007523.**

7. Mirahmadi, Sh., Sadidkhouy, A., **Javan-Doloei, G.,** Mohammadi, N. (2024). Crustal Seismic Anisotropy beneath the Zagros and Central Iran. ***Geotectonics,*** 58(1), 134-147. **DOI: 10.1134/S001685212470009.**

8. Afshar,A., Mahmoodabadi, M., Yaminifard, F., **Javan-Doloei, G.** (2023). Crustal Structure of the Northern Lut Block in Eastern Iran Using P Wave Receiver Function Migration. ***Journal of Seismology and Earthquake Engineering*****, 24** (1). **DOI: 10.48303/jsee.2023.2000758.1057.**

9. Ahmadzadeh, S., Mansouri Ghavam Abadi, F., **Javan Doloei, Gh**. (2023). Investigation of Frequency Dependence of Seismic Coda Wave Quality Factor in the East-Northeast of Iran. ***Iranian Journal of Geophysics,*** 17**(**1), 147-162. **DOI: 10.30499/IJG.2022.341814.1423.**

10. Khajavi, R., **Javan Doloei, Gh**., Rashidian, S. (2023). Identification of new technologies and collaboration networks for earthquake seismology. ***Journal of the Earth and Space Physics***, **49**(1), 53-74. **DOI: 10.22059/JESPHYS.2022.342123.1007424.**

11. Shokri-Kaveh, M., **Javan-Doloei, Gh**., Mansouri, R., Karamzadeh, N., Keshavarz, A., (2023) A hybrid method based on undecimated discrete wavelet transform and autoregressive model to S-wave automatic picking. ***Geophysical Journal International***, **232**(2), 1393-1407. **DOI: 10.1093/gji/ggac398.**

12. Azghandi, M., Abbassi, M. R., **Javan Doloei, Gh**., SadidKhouy, A., (2023) Fault-kinematic and stress state investigation using focal mechanism solution along the Mosha fault, Alborz Mountain: implication for changing stress tectonic regime. ***Iranian Journal of Geophysics***, **16(**4), 165-174. **DOI: 10.30499/IJG.2022.363439.1458.**

13. Assar Enayati, M., **Javan Doloei, Gh**., Ahmadzadeh, S., Afshar S. A., (2023) Investigation of the Dorouneh fault system based on the focal mechanism of the earthquakes of the last two decades. ***Journal of the Earth and Space Physics,*** 49(2), 353-369. **DOI: 10.22059/JESPHYS.2023.347529.1007452.**

14. Afshar, A., Mahmoodabadi, M., Yaminifard, F., **Javan-Doloei, Gh.** (2022) Crustal Structure of the Northern Lut Block in Eastern Iran Using P Wave Receiver Function Migration. ***Journal of Seismology and Earthquake Engineering***, 24(1), **DOI:10.48303/JSEE.2023.2000758.1057.**

15. Khajavi, R., **Javan Doloei, Gh**., Khorshidi, N. (2022) Utilization of neural network in seismic refraction data processing. ***Journal of Seismology and Earthquake Engineering***, 22(4), 29-39**. DOI: 10.48303/JSEE.2022.560648.1022.**

16. Khosravi, H., Safari, M., **Javan Doloei, Gh.**, Afshar, A., Hessami, Kh. (2022) North-West Bandar-Abbas Earthquake Duplet (Mw 6.1, 6.4) and its source identification. ***Iranian Journal of Geophysics***, **16(**3), 89-103. **DOI:10.30499/IJG.2022.335246.1414.**

17. Soltani, S., Haghshenas, E., **Javan-Doloei, Gh**., (2022) On the Optimal Parameterization of Initial Models in Surface Wave Inversion in Deep Basins (Case Study: Tehran). ***Journal of Research on Applied Geophysics (JRAG)***. 7(4), 333-348. **DOI: 10.22044/JRAG.2021.9249.1272.**

18. Mirahmadi-Shalamzari, Shirin, Sadidkhouy, Ahmad, **Javan-Doloei, Gh**., (2021) Modification of Anisotropy Analysis in Moho Using Converted Ps Phase. ***Journal of Research on Applied Geophysics (JRAG).*** 7(1), 29-38. **DOI: 10.22044/JRAG.2020.8477.1247.**

19. Movaghari, R**.; Javan Doloei, Gh**.; Yang, Y.; Tatar, M.; Sadidkhouy, A. (2021) *Crustal Radial Anisotropy of the Iran Plateau Inferred from Ambient Noise Tomography*. **Journal of Geophysical Research (J.G.R.) Solid Earth**, DOI: 10.1029/2020JB020236.

20. Safari, M**.; Javan Doloei, Gh**.; Mahood, M.; Khosravi, H., Tatar, M. (2020) *Estimation of Seismic Wave Attenuation in Fariman Region*. **Bulletin of Earthquake Science and Engineering**, Vol 7(3):1-12.

21. Amirifard, R.; **G Javan-Doloei**, M Farrokhi, H Rahimi, Mahood, M., (2020) *Coda wave attenuation's dependency on Lapse time and frequency in west of Iran plateau using local earthquakes.* **Annals of Geophysics**, 63(4), 437-452. DOI:10.4401/ag-8165.

22. S Ahmadzadeh, **GJ Doloei**, H Zafarani (2020) *Ground Motion to Intensity Conversion Equations for Iran-* **Pure and Applied Geophysics**, 177 (11), 5435-5449.

23. Ramin Movaghari**, Javan Doloei** (2020) *3-D crustal structure of the Iran plateau using phase velocity ambient noise tomography.* **Geophysical Journal International** 03/2020; 220(3):1555-1568., DOI:10.1093/gji/ggz537.

24. Hamid Khosravi, **Javan Doloei**, Mohammad Tatar, Mahdieh Safari (2019) *Analysis of the Do-Ghaleh Fariman Mw6 Earthquake on 5 April 2017 And its aftershocks based on IIEES local Seismic Network.* **Journal of the Earth and Space Physics**, 12/2019; 45., DOI:10.22059/jesphys.2019.264187.1007032.

25. S. Ahmadzedeh, **Javan Doloei**, Hamid Zafarani (2020) *New Intensity Prediction Equation for Iran. Journal of Seismology* 09/2019; **Journal of Seismology**, 24 (1), 23-35.

26. Somayeh Ahmadzadeh, **Javan Doloei**, Stefano parolai, Adrien Oth (2019) *Non-parametric spectral modelling of source parameters, path attenuation and site effects from broad-band waveforms of the Alborz earthquakes (2005–2017).* **Geophysical Journal International,** 08/2019; 219(3):1514-1531.

27. Rouhollah Amirifard**, Javan Doloei**, Habib Rahimi, Mohsen Farrokhi (2019) *Attenuation of P and S waves in Western part of Iran*. **Geophysical Journal International** 05/2019; 218 (2), 1143-1156.

28. Sotodeh Mohammadnia, Mohammadreza Abbassi**, Javan Doloei**, Mohsen Azqandi (2018) *Focal mechanism of Mountain front fault (MFF) at a longitude of 46 to 48.5 Degree*. **Iranian Journal of Geophysics,** Vol 11, No 4, 93-106.

29. Mostafa Allamehzadeh, **Gholam Javan Doloei**, Ali Nasrollahnejadnodijeh (2018) *Prediction of Strong Ground Motion Using Fuzzy Inference Systems Based on Adaptive Networks.* **Journal of Biometrics & Biostatistics**, DOI:10.19080/BBOAJ.2018.04.555680.

30. Ramin Movaghari, **Javan Doloei** (2018) *Upper Crustal Structure of South West of Tehran Using Borehole Ambient Noise Tomography*. **Journal of the Earth and Space Physics** 02/2018; 44(2)., DOI:10.22059/jesphys.2018.237090.1006914.

31. S. Ahmadzadeh, S. Parolai, **Javan Doloei**, A. Oth (2017) *Attenuation characteristics, source parameters and site effects from inversion of S waves of the March 31, 2006 Silakhor aftershocks*. **Annals of Geophysics,** 10/2017; 60(6). DOI: 10.4401/ag-7520.

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33. Moghaddas N. Hafezi, P. Omidi, Javan Doloei, Z. Hosseini (2015) *INDUCED EARTHQUAKES AT KARKHEH AND KAROUN III DAM SITES*. **Engineering Geology** 04/2015; 7(34): 71-84.

34. R. Movaghari, **G. Javan-Doloei**, M. Nowrozi, A. Sadidkhouy (2014) *Velocity structure of south-east of Iran based on ambient noise analysis.* **Journal of the Earth and Space Physics** 01/2014; 40(2):17-30.

35. Nasim Karamzadeh, **Gholam Javan Doloei**, Ali M. Reza (2013) *Correction to "Automatic earthquake signal onset picking based on the continuous wavelet transform"*. **IEEE Transactions on Geoscience and Remote Sensing**, 51(5), 2899-2899., DOI:10.1109/TGRS.2013.2254620.

36. Nasim Karamzadeh, **Gholam Javan Doloei**, Ali M. Reza (2013) *Automatic Earthquake Signal Onset Picking Based on the Continuous Wavelet Transform*. **IEEE Transactions on Geoscience and Remote Sensing,** 51(5):2666-2674, DOI:10.1109/TGRS.2012.2213824.

37. Mirahmadi, A. Sadidkhouy, A. Rezaei Nayeh, **G. Javan Doloei** (2013) *Upper mantle anisotropy obtained from SKS analysis in Kerman province, South-Central Iran*. **Iranian Journal of Geophysics,** 7 (3), 134-145.

38. M Reza, MR Abbasi, **G Javan-Doloei**, A Sadidkhuy (2013) *Identifying fault of Mohammad Abad Rigan 20/12/2010 earthquake and its focal mechanism using aftershock analyses*. **Iranian Journal of Geophysics,** 8 (1), 59-70.

39. **Javan Doloei,** R. Movaghari (2013) *Processing of Noise as a Strong tool for crustal structure Determination .* **Research Bulletin of Seismology and Earthquake Engineering**, 16 (2), 1-12

40. Nasim Karamzadeh, **Gholam Javan-Doloei**, Peter Voss, Ali M Reza (2012) *Automatic Detection and Picking of Local and Regional S-Waves.* **Journal of Seismology and Earthquake Engineering** 01/2012; 14 (3), 165-181.

41. **Javan-Doloei, G.**; M.R. Abbassi; S.M. Jafarian (2012) *Defining the subsurface sliding using Geophysical data measurement: Case study: Khalenjeh Tunel in South-East of Kermanshah*. 14(3-4), 1-9.

42. Nasim Karamzadeh, Peter H. Voss, **Gholam Javan Doloei** (2012) *Testing of an automatic earthquake detection method on data from Station Nord, Greenland*. **Geological Survey of Denmark and Greenland (GEUS) Bulletin**. 01/2012; Vol: 26, 77-80.

43. H. Rahimi, **G. Javan-Doloei** (2012) *Estimation of the kinematic source parameters and frequency dependent shear wave attenuation coefficient of the 18th June, 2007 Kahak-Qom earthquake in north central Iran*. **Journal of the Earth and Space Physics,** 01/2012; 38(3):1-16.

44. M. Saki, **Gh. Javan-Doloei**, A. Sadidkhouy (2012) *Seismic wave anisotropy in the upper crust of the Bam area in the southcentral Iran*. **Journal of the Earth and Space Physics,** 01/2012; 38(1):133-144.

45. A. Azadi, Khaled Hessami, **Gh. Javan-Doloei** (2010) *Integrated geophysical methods for determining geometry of the Kahrizak Fault, Tehran, Iran*. **Natural Hazards,** 09/2010; 54(3):813-825., DOI: 10.1007/s11069-010-9506-9.

46. Shahrabi T., **Javan Doloei** (2010) *Characteristics of Seismicity in Silakhor Brojerd Area Based on earthquakes of IIEES temporary Seismic Net*. **Engineering Geology,** 01/2010; 3(2):697-716.

47. A. Azadi, **Gh. Javan-Doloei**, N. Hafezi-Moghadas, K. Hessami (2010) *Geological, geotechnical and geophysical characteristics of the Tus fault located north of Mashhad, north-eastern Iran*. **Journal of the Earth and Space Physics**, 01/2010; 35(4).

48. Z.S. Riazi Rad, **Javan Doloei** (2009) *The Velocity structure of the North of Iran from seismic travel times*. **Journal of Sciences**, 10/2009; 19(73):163-175.

49. M. Ma'hood, H. Hamzehloo**, G. Javan Doloei**: *Attenuation of high frequency P and S waves in the crust of the East-Central Iran.* **Geophysical Journal International,** 179(3):1669 - 1678, DOI:10.1111/j.1365-246X.2009.04363.

50. Mostafa Ghasemi, **Javan Doloei** (2009) *Seismic Wave Velocity in the Crust and upper mantel of Iran-Iraq-Kuwait Common Region*. **Journal of Earth**, 04/2009; 4(2):77-85.

51. Zohreh Sadat Riazi Rad, **Javan Doloei** (2009) *Crustal Study in the West of Iran Based on Travel Time Curves of Local Earthquakes.* **Engineering Geology,** 04/2009; 3(1):563-5590.

52. **Javan Doloei**, A. Azadi, Kamalian, N. (2009) *Design of digital geo-electrical equipment and its application on noise level reduction*. **Journal of the Earth and Space Physics**; 34(4):15-32.

53. M.R. Hatami, Z.H. Shomali, **Gh. Javan-Doloei** (2009) *Focal mechanisms of Mw 6.5, March 31. 2006 Iran-Silakhor earthquake using data from the Iranian seismic network.* **Journal of the Earth and Space Physics,** 01/2009; 35(3):1-11.

54. A. Sadidkhouy**, Gh. Javan-Doloei**, H.R. Siahkoohi (2008) *Mantle anisotropy in the Central Alborz obtained from SKS analysis.* **Iranian Journal of Geophysics**, 2 (2), 1-12.

55. M.R. Hatami, Z.H. Shomali, **G. Javan-Doloei** (2008) *Focal mechanism analysis using synthetic seismograms*. **Journal of the Earth and Space Physics,** 35 (1), 75-88.

56. A. Sadidkhouy**, G. Javan-Doloei**, H.R. Siahkoohi (2008) *Seismic anisotropy in the crust and upper mantle of the Central Alborz Region, Iran*. **Tectonophysics** 08/2008; 456(3-4-456):194-205., DOI:10.1016/j.tecto.2008.05.001.

57. Gholamreza Nowrouzi, Mohsen Ghafory-Ashtiany, **Javan Doloei**, Mohammad Mokhtari (2008) *Attenuation of P and S Waves in Mashhad Area*. **Iranian Journal of Geophysics,** 07/2008; 1(1):21-35.

58. Ahmad Sadidkhouy, **Javan Doloei**, MReza Gheitanchi, Bahram Akasheh (2008) *Determination of Stress Direction in the Crust of Central Alborz using Shear Wave Splitting of Teleseismic Earthquakes*. **Journal of Earth Science** 04/2008; 3(1):1-12.

59. Gh. Nowrouzi, K. Priestley, M. Ghafory-Ashtiany, **Gh. Javan Doloei**, D.J Rham (2007) *Crustal Velocity Structure in Iranian Kopeh-Dagh, from Analysis of P-Waveform Receiver Functions*. **Journal of Seismology and Earthquake Engineering**, 8 (4), 187-194.

60. Gh Nowrouzi, M Ghafoury, **G Javan Doloei** (2007) *Crustal velocity structure of northeast of central Iran and Binalud zone, using teleseismic receiver functions* **Journal of Earth and Space Physics.** 33, 1205-8647.

61. **G. Javan Doloei**, M. Ghafoury Ashtiany (2007) *Crustal structure of Mashhad Area from time domain receiver function analysis of teleseismic earthquakes*. **Research Bulletin of Seismology and Earthquake Engineering**, 27, 30-38.

62. A Sadidkhouy, **G Javan Doloei**, MR Gheitanchi (2006) *Crustal seismic anisotropy in the south-central Alborz region using Moho Ps converted phases*. **Journal of the Earth & Space Physics.** 32 (3), 23-32.

63. **Javan G Doloei**, M Mokhtari, D Dyrelius (2004) *On the Analytic Minimum Information Deconvolution Technique, Its Implication on Random Noise Elimination and Moho Phase Detection*. **Iranian International Journal of Sciences.** 5 (1), 91-105

64. **Javan Doloei**, Roland Roberts (2003) *Crust and uppermost mantle structure of Tehran region from analysis of teleseismic P-waveform receiver functions*. **Tectonophysics** 04/2003; 364(3-364):115-133., DOI:10.1016/S0040-1951(03)00049-0

65. **Javan Doloei** (2003) *Shear Wave Velocity Anisotropy Estimation in the Crustal Structure Using Receiver Function Method*. **Journal of the Earth and Space Physics** 01/2003; 29(2):30-40.

66. **Javan Doloei,** Karen Asatouriance, Mohammad Mokhtari (2002): *Evaluation of Avaj Earthquake and Its Aftershocks.* **Research Bulletin of Seismology and Earthquake Engineering.** 13(4), 1-12.

67. **Javan Doloei** (2001) *Teleseismic P-Wave Receiver Functions and Its Application on the Crust and Uppermost Mantle Structure Estimation.* **Research Bulletin of Seismology and Earthquake Engineering,** 14(4):21-28.

Conference Proceedings (2012-2024):

1. **Javan Doloei, G.,** Ahmadzadeh, S. (2024) Potential Reactivation of the Robat Qarabil Fault: Analyzing Recent Seismic Activity and Implications for North Khorasan. ***21th Iranian Geophysical Conference***, Tehran, (11-12, December 2024), In Persian.

2. Ahmadzadeh, S**., Javan Doloei, G**., Hessami, K. (2024) Assessment of focal mechanism solutions of recent earthquakes and stress field in the Khoy region, NW Iran. ***21th Iranian Geophysical Conference***, Tehran, (11-12, December 2024), In Persian.

3. Ahmadzadeh, S., **Javan Doloei, G.,** (2024) Dependence of High-Frequency Spectral Decay parameter (Kappa) on Earthquake Magnitude and Focal Mechanism. ***21th Iranian Geophysical Conference***, Tehran, (11-12, December 2024), In Persian.

4. Pourbeyranvand, S**., Javan Doloei, G.,** (2024) Completing the stress database in Iran and neighboring regions using focal mechanisms of earthquakes. ***Ninth International Conference on Seismology and Earthquake Engineering*** (SEE9), Tehran (7-9 May, 2024).

5. Khalil, A., **Javan Doloei, G.,** (2024) Seismicity parameters of the August 17, 1999 Izmit earthquake in northern Turkey and the February 6, 2023 earthquake in southern Turkey-northern Syria. ***Ninth International Conference on Seismology and Earthquake Engineering*** (SEE9), Tehran (7-9 May, 2024).

6. Ahmadzadeh, S., **Javan Doloei, G.,** Assar Enayati M., Hessami, K., (2024) Analyses of focal mechanism solutions of the Herat triplet earthquake of October 7th, 2023 and its large aftershocks. ***Ninth International Conference on Seismology and Earthquake Engineering*** (SEE9), Tehran (7-9 May, 2024).

7. Feraghi, Amir, Abbassi, M.R., **Javan-Doloei, G**. and Beigy, S., (2022) Investigation of lineaments of Tehran province based on the processing of Aeromagnetic data. ***20th Iranian Geophysical Conference***, 1-4, TEHRAN, January, 2022.

8. Assar Enayati, M., **Javan Doloei, G.,** (2022)The Qaen (East of Iran) Earthquake November 28, 2021: Fault Plane Solution based on Moment Tensor Solution. ***20th Iranian Geophysical Conference***, 1-4, TEHRAN, January, 2022.

9. Mansuri GhavamAbadi, F., Ahmadzadeh, S**., Javan Doloei, G.,** (2022) Calculation of the quality factor of coda waves in the east and northeast of Iran. ***20th Iranian Geophysical Conference***, 1-4, TEHRAN, January, 2022.

10. Assar Enayati, M., **Javan Doloei, Gh.,** Abbassi, Sh., (2022) Focal mechanism of recent significant earthquakes along Dorouneh fault. ***20th Iranian Geophysical Conference***, 1-4, TEHRAN, January, 2022.

11. S Soltani, S Ahmadzadeh, **G Javan Doloei**, M Taghaboni (2020) *Evaluation of Site Effect Study Techniques In the Temporary Seismic Network of Lorestan*. ***19th Iranian Geophysical Conference***, 19 (1), 9-12.

12. M Shokri Kaveh, N Karamzadeh, **G Javan Doloei**, (2020) *Development of hybrid of MO_DWT and AR method for automatic Seismic S Phase Detection*. ***19th Iranian Geophysical Conference,*** 19 (1), 13-16.

13. H Khosravi, **G Javan Doloei,** E Sharokhi, M Shokri Kave h. (2020) *Velocity Structure of Fariman Area by Using of Body Waves Travel Time Curve*. ***19th Iranian Geophysical Conference***, 19 (1), 1-4.

14. Mahdieh Safari, **G Javan Doloei**, Hamid Khosravi: (2020) *Attenuation Parameter of Coda Waves in Fariman Region*. ***The First National Conference on Signal and Image Processing in Geophysics***, Shahrood University of Technology; 12/2019.

15. Hamid Khosravi, **Gholam Javan Doloei**, Mahdieh Safari, Ehsan Sharokhi (2019) *Seismic analysis and determination of upper crustal structure of Fariman region using 3D seismic tomography*. ***The First National Conference on Signal and Image Processing in Geophysics***, Shahrood University of Technology; 12/2019.

16. Somayeh Ahmadzadeh, **Javan Doloei** (2019) *SITE AMPLIFICATION EFFECTS ON INVERSION RESULTS (CASE STUDY: ZAGROS AND ALBORZ REGIONS)*. 11/2019. ***8th International Conference on Seismology and Earthquake Engineering*** (SEE8), Tehran, IRAN; 11/2019.

17. Saeid Soltani, Ebrahim Haghshenas, **Javan Doloei** (2019) *THE EFFICIENCY OF USING THREE COMPONENT ARRAY-BASED ELLIPTICITY METHODS FOR SITE CHARACTERIZATION*. ***8th International Conference on Seismology and Earthquake Engineering*** (SEE8), Tehran, IRAN; 11/2019.

18. Ramin Movaghari, **Javan Doloei**, Yingjie Yang: *ON MEASURING MISORIENTATION OF SEISMIC SENSORS USING AMBIENT NOISE DATA*. ***8th International Conference on Seismology and Earthquake Engineering*** (SEE8), Tehran IRAN; 11/2019.

19. Mahdieh Safari, **Javan Doloei**, Majid Mahood: *On the Shallow Depth Quality Factors (Qp, Qs, Qc) in Fariman Area Using Aftershocks of Mw 6.0 Earthquake on April 05, 2017*. ***8th International Conference on Seismology and Earthquake Engineering*** (SEE8), Tehran, Islamic Republic of Iran; 11/2019.

20. SoltaniMoghadam Saeed, **Javan Doloei**: *Recent Improvements on the Broadband Seismic Network of Iran (Implementing Tuned Seiscomp3 and Automatic Online Moment Tensor Inversion)*. ***Science and Technology Conference***, SnT2019, Vienna, Austria; 06/2019.

21. Sheyda Sahebsara, Ahmad Sadidkhouy, **Gholam Javan Doloei**: *Variation of Anisotropy parameters and Vp/Vs Ratio investigation as earthquake precursors*. ***18th Iranian Geophysical Conference***, TEHRAN; 05/2018.

22. **Javan Doloei**, Ramin Movaghari, and Ahmad Sadidkhouy: *Shear Velocity Structure of South West of Tehran Based on Ambient Noise*. ***18th Iranian Geophysical Conference***, Tehran; 05/2018.

23. Mahdieh Safari, Majid Mahood, Javan Doloei, Mohammad Tatar: *Temporal Variation of Q Factor after Earthquakes*. ***18th Iranian Geophysical Conference***, Tehran; 05/2018.

24. **Javan Doloei**, Ahmad Sadidkhouy, Mohammadreza Abbassi, Ataei, Esmaeili M., Ramin Movaghari, and Mohsen Azqandi: *On the Importance of Seismic Health Monitoring (SHM) of Life Line Structures (Case Study: Historical Veresk Bridge)*. ***16th National Geophysical Conference***, Tehran; 05/2016.

25. Zohreh Sadat Riazi Rad**, Javan Doloei**: *Seismological and Geological Characteristics of the Yazd Region based on Local Seismic Network*. ***16th National Geophysical Conference***, Tehran; 05/2016.

26. Shirmohammadi F., Ahmad Sadidkhouy**, Javan Doloei**: *Seismic Hazard Assessment for Historical Veresk Bridge in North of Iran*. ***16th National Geophysical Conference***, Tehran; 05/2016.

27. S. Mirahmadi, Ahmad Sadidkhouy, **Javan Doloei**: *Analysis of the Stress Direction in Kerman Region Using Seismic Shear Wave Anisotropy Determination*. ***16th National Geophysical Conference***, Tehran; 05/2016.

28. Mohammadi Z., Pakzad, **Javan Doloei**: *A new Strategy Applied to an aftershock of Saravan Mw7.8 Earthquake*. ***16th National Geophysical Conference***, Tehran; 05/2016.

29. Somayeh Ahmadzadeh, **Javan Doloei**: *Estimation of Source Parameters in the Makran Region Using Body Wave Spectra of The Recent Great Earthquakes*. ***26th International Union of Geodesy and Geophysics*** (IUGG), Prague; 06/2015.

30. Somayeh Ahmadzadeh, **Javan Doloei**: *Source Parameters of The April, 16, 2013, Saravan Iran Great Earthquake Using Spectra of P and S Waves*. ***7th International Conference of Seismology and Earthquake Engineering*** (SEE7), Tehran; 05/2015.

31. **Javan Doloei**: *Recent Developments in Ambient Noise Processing and Its Role in Applied Seismology*. ***15the National Geophysical Conference***, Tehran; 05/2014.

32. Lashani, L., **Javan Doloei**: *Seismic Investigations in Seymareh Dam Site*. ***33rd General Assembly of the European Seismological Commission***, Moscow; 07/2012.