Gasham Zeynalov

Publications

1. Gasham Zeynalov, Mohammed Ismail and Favzi Al-beyati, 2016, Petrophysical modeling of Tertiary reservoirs in Bai Hassan oil field, Northern Iraq, Natural Recourses Research (in press)

2. Zeynalov, G.A., 2016,  Comparative analysis of Petroleum systems of the Kura Intermonutain basin, “Global Engineers and Technologist Review”(in press)

3. Zeynalov, G.A., & Askerova, R., 2014,  Structural-geologic modeling and oil and gas bearing of the Lower Kura Basin, Azerbaijan, Abstracts book of the 8th International Symposium on Eastern Mediterranean Geology, 13- 17 October 2014, Mugla, Turkey, p.47-48

4. Zeynalov G.A., 2014, Methodological-Education program on the Materials of Sciences course for BSc level, Publication of Khazar University, Baku, 11 pages.

5. Zeynalov G.A., 2014, Methodological-Education program on the Termodynamis course for BSc level, Publication of Khazar University, Baku, 12 pages.

6. Zeynalov, G.A., 2014. Characteristics of depositional environments and oil and gas content in western part of the South Caspian Basin, Azerbaijan. Abstracts Book of the 67th Geological Congress of Turkey, 14-18 April 2014,  Congress Center of General Directorate of MTA/Ankara, pp. 338-341

7.  Kalkan, E., Nadaroglu, H., Chelebi, N. and Zeynalov, G., 2013, Use of Silica Fume for the Nickel Removal from Aqueous Solutions, Abstracts book of the 2nd Workshop on the Medical Geology, 4-6 December, 2013, Antalya, Turkey, pp-349-353

8. Zeynalov, G.A., 2012. Petroleum Systems of the Kura Basin, Azerbaijan. Abstracts Book of the 65th Geological Congress of Turkey, 2-6 April 2012,  Congress Center of General Directorate of MTA/Ankara, pp. 298-299

9. M. Nemčok,  A. A. Feyzullayev, F.A. Kadirov, G.A. Zeynalov, R. Allen, C. Christensen and B. Welker, 2011,  Neotectonics of the Caucasus and Kura Valley, Azerbaijan, “Global Engineers and Technologist Review” journal , Vol.1,No 1, Malaysia, pp.1-14

10. Tagiyev, M.F. and Zeynalov, G.A., 2010.  On pyrolysis-based study of the efficiency of primarymigration of hydrocarbons from source rocks. Proceedings of SOCAR, No 2, 2010, pp. 16-19 (in Russian)

11. Zeynalov, G.A., 2010. Oil and gas accumulation environments of the Kura Basin, concerning with geotectonic properties. Abstracts of the VII Azerbaijan International Geophysical Conference on the Enhancement of Efficiency of Geophysical Survey under Conditions of Active Geodynamic Processes in Case of South Caspian Basin, 11-13 May, 2010, Baku, Azerbaijan, p.93

12. Kocharly, Sh.S., Ahmadov, A.M. & Zeynalov G.A. 2009, Oil-gas bearing of the Suleyman-Akhtarma area, Azerbaijan. Geophysics News in Azerbaijan, No 1-2, 2009, pp.44-47 (in Azeri)

13. Zeynalov, G.A. , 2008. Fluid flow and sealing properties associated with active faults: Kura Basin, Azerbaijan. Extended Abstracts of EAGE & AAPG International Conference on Petroleum Geology & Hydrocarbon Potential, 6 - 8 October 2008, Baku Azerbaijan, pp.44-48

14. Zeynalov, G.A., 2006, Structural-geologic evolution of the western flank of the South Caspian Basin. Extended Abstracts of the Second International Conference on Geodynamics of Oil and Gas Content of Basins, Moscow, Russia, pp.168-171 (in Russian)

15. Zeynalov, G.A. and Frost, E.G., 2005. Geologic Risk and Seismic Hazard Assessment in the Southeastern Caucasus using remote sensing data. Proceedings of IAMG’05: GIS and Spatial Analysis, Toronto, Canada, Vol.1, pp.155-160

16. Zeynalov, G.A. and Khanlarova Sh.H., 2005, Oil and gas prospective in  southern-west flank structures of the Gabyrry- Ajinohur basin, Azerbaijan, Oil & Gas,  pp.17-22 (in azeri)

17. Zeynalov G.A., 2005,  Analysis of structural architectures of Garadagh field and implications  to reservoir performance , Reports of  GSRI, Azerbaijan, pp.21-24 (in Russian)

18. Zeynalov G.A 2005 , Analysis of the results of geologic-geophysic investigations and evaluation of oil and gas content in Turkan field, onshore Azerbaijan, Reports of  GSRI, pp.12-17 (in Russian)

19. Zeynalov, G.A., 2004, Kura Intermountain Basin: Active Tectonics and Regularities of Distribution of Hydrocarbon Accumulations. Journal Oil and Gas Geology, No 6, Moscow, Russia, pp.34-38  (in Russian)

20. Zeynalov, G.A., 2004, Active tectonics of the Kura Intermountain Basin and its relation with fluid flow. In the Book of “Geology of Caspian and Aral Seas Regions”, Almaty, Kazakhstan Geological Society “KazGEO”, pp. 212-217 (in Russian)

21. Zeynalov, G.A., 2004, Fault Sealing and Hydrocarbon Occurrence in the Kura Valley, Azerbaijan, Abstracts of the 32nd International Geological Congress, Florence, Italy, (part 1), p.697

22. Zeynalov, G.A., 2004, Kura Intermountain Basin: occurrence of oil and gas seeps and environment of hydrocarbon accumulations. Extended Abstracts of the Seventh International Conference devoted to 250th Anniversary of Moscow University, New Ideas in Geology and Geochemistry of oil and gas, Moscow ,GEOS, Russia, pp.191-192 (in Russian)

23. Zeynalov, G.A., 2003, Interrelation between oil seeps, faults and hydrocarbon reserves in Azerbaijan. Extended Abstracts of the 5th EAGE and AGEO International Conference “Crimea-2003”, Problems of Geodynamics and Oil-gas Content of the Black Sea and Caspian Regions, Crimea, Symferopol, Ukraine, 8-13 September,2003,  pp.192-195

24. Zeynalov, G.A., 2002, Application remote sensing technology for monitoring of the mud volcano activity in coastal region of the South Caspian Basin. Proceedings of the Seventh International Conference on Remote Sensing for Marine and Coastal Environments, Miami, USA,  Vol.I, pp.327-329

25. Zeynalov, G.A., 2001, Analysis of Fluvial depositional environment in western coast of the South Caspian Basin using Landsat data.  Proceedings of the Fifth International Airborne Remote Sensing Conference and Exhibition, San Francisco, USA, Vol.I  pp. 383-386

26. Zeynalov, G.A.,  2000, Importance of Remote Sensing data in Structural Geologic Analysis of Oil- and Gas-Bearing Regions of Azerbaijan, 2000.  “Natural Resources Research” journal, Kluwer Academic Publishers (USA), Vol. 9, No 4, pp.307-314.

27. Zeynalov, G.A., 2000, Habitat of mud volcanoes and petroleum seepage in Azerbaijan. Extended Abstracts of EAGE Conference on Geology and Petroleum Geology of the Mediterranean and Circum-Mediterranean Basins, St.Julians, Malta, 1-4 October 2000, p.131-135

28. Zeynalov, G.A., 2000, Fault-block structure and fluid flow of the Kura basin, Azerbaijan.  Extended Abstracts of EAGE Conference on Geology and Petroleum Geology of the Mediterranean and Circum-Mediterranean Basins, St.Julians, Malta, 1-4 October 2000, p.145-148

29. Zeynalov, G.A., 2000, Influences of Faults to formation and oil accumulation zones in the Kura basin. Extended Abstracts of the 62nd EAGE Conference & Technical Exhibition SECC, Glasgow, UK, 29 May-2 June 2000, Vol. I, p.171-176.

30. Zeynalov, G.A., 2000, New data on the tectonics of the Western Coast of South Caspian Basin from analysis of SPOT and Landsat-TM images. Proceedings of the Sixth International Conference on Remote Sensing for Marine and Coastal Environments, Vol. II, 1-3 May 2000, Charleston, South Carolina, USA, p.458.

31. Zeynalov, G.A., 2000, Geologic significance of Landsat data for oil exploration in Azerbaijan. Proceedings of the Fourteenth International Conference on Applied Geologic Remote Sensing, Las Vegas, Nevada, USA, 6-8 November, 2000.Ann Arbor, ERIM International , p.212-219.

32. Zeynalov, G.A., 2000, Fault tectonics and formations of oil and gas pools in the East Azerbaijan from analysis of SPOT/Landsat images. AAPG’s Inaugural Regional International Conference, July 9-12, 2000, Istanbul, Turkey, p.241-242

33. Zeynalov, G.A., 1999, Some tectonic aspects of conditions of formation of oil and gas deposits in the western flank of the South Caspian basin (according to the remote sensing data). Abstracts of the International Conference “Geodynamics of the Black sea- Caspian segment of the Alpine folded belt and prospects of search for economic minerals”, June 9-10, 1999, Baku, Azerbaijan, p.202-203

34. Zeynalov, G.A., and A.A. Feyzullayev, 1999, Fault tectonics and its role in fluid dynamics in the South Caspian Basin (western flank) - Materials of The Third International Conference devoted to 275th anniversary of Russian Academy of Sciences. New ideas in geology and geochemistry of oil and gas. Oil & gas-bearing basin as a self-developing non-linear systems. Moscow State University, Russia,  p.101-103 (in Russian)

35. Kuliyev K.G. and Zeynalov, G.A., 1999, Geodynamic conditions of formation of Meso-Cenozoic structures in the Kura Basin and its oil and gas potential.. Abstracts of the International Conference “Geodynamics of the Black sea- Caspian segment of the Alpine folded belt and prospects of search for economic minerals”, June 9-10, 1999, Baku, Azerbaijan, p.226-228

36.Zeynalov, G.A., 1999, The  methodology for the use of Landsat-MSS imagery in oil exploration. Example of the East   Azerbaijan region.  The 2nd International Symposium on Petroleum Geology. Probability Approach to Petroleum Exploration, April 22-24, 1999, Zagreb, CROATIA, p.177-178

37. Guliyev I.S., Feyzullayev, A.A., Kuliyev K.G., Tagiyev M.F., Zeynalov, G.A. and        Gurbanova R.A., 1999, Miocene hydrocarbon potential of the South-eastern Gobustan and western Absheron,  Proceeding of Geological Institute, Azerbaijan Academy of Sciences (in Russian)

38. Zeynalov, G.A., 1999, Applying remote sensing investigations in oil exploration with connection of environmental protection.  Abstracts of the Scientific –Practical Conference: Sumgayit: Ecology and Progress, December15-16, 1999, Sumgayit, Azerbaijan, pp.103-105

39. Guliyev I.S., Zeynalov G.A., Tagiyev, M.F. and Guliyev, S.I., 1997, Elaboration and optimization methods of mapping of geologic-geophysical sections, maps and etc subsurface images on base of PC. Proceedings of Geological Institute of Azerbaijan Academy of Sciences (in Russian)

40. Zeynalov, G.A., 1997, Studying mud volcanism of Azerbaijan by geological interpretation of remote  sensing data. Abstracts of Africa/Middle East International Geophysical Conference & Exposition, Cairo, Egypt, February 17-19, 1998, pp. 47-48

41. Zeynalov, G.A., 1997, Lineament field of East Azerbaijan and some regularilities of formation of oil and gas deposits. Abstracts of The conference of Azerbaijan Society of Petroleum Geologists. “Generation, migration and accumulation of hydrocarbons”. Baku, Azerbaijan, 1997, pp.36 -37

42. Zeynalov, G.A., 1997, The role of Faults on the formation of oil and gas deposits in the East Azerbaijan.- Abstracts  of the  International  Conference-Seminar “Newest tectonics and its influence on the formation and distributions of oil and gas fields”, Baku,  p.36-37 (in Russian)

43. Azerli, M.M. and Zeynalov, G.A., 1996,  Paleotectonic reconstruction of regional structure of Kura Basin. Journal of Azerbaijan Oil Industry, Baku, No 11, pp. 4-8, (in Russian)

44. Zeynalov, G.A., 1996, Integration of of geologic-geophysical and remote sensing data for evaluation geologic structure of  the Kura Basin. Proceedings of the 1st International Symposium on Petroleum Geology. Economic Aspects of Petroleum Exploration.Zagreb, CROATIA,  p.231-232

45. Zeynalov, G.A., 1996, Mud volcanism and oil and gas content of the Lower Kura Basin. PhD thesis dissertation. Institute of Geology, Azerbaijan National Academy of Sciences, Baku, Azerbaijan, 25 p.

46. A.A.Feizullayev, K.G.Kuliyev and Zeynalov, G.A., 1995, The oil and gas potential of the structures affected by mud volcanoes. Proceedings of the III International Conference of AAPG, Baku, 1995, pp.23-25

47. M.M.Azerli, Zeynalov, G.A., 1995, Lineamental field of Lower Kura block and the specifics of mud volcanoes distribution. Proceedings of III International Conference of AAPG, Baku,1995, pp.19-22

48. Zeynalov, G.A., 1995, Peculiarities of mud volcanoes distribution in the Lower Kura depression. Proceedings of III International Conference of AAPG, Baku, 1995, pp.37-39

49. Guliyev I.S., Feyzullayev, A.A., Kulyev K.G., Tagiyev M.F., Zeynalov, G.A. and Gurbanova R.A., 1995, Geochemistry of oil and mineralogy of solid products of Azerbaijan mud volcanoes. Proceedings of Geological Institute of Azerbaijan Academy of Sciences (in Russian)

50. Zeynalov, G.A., 1995, Role structural-tectonic development factor in prognoses of oil and gas content of the Lower Kura basin. Abstracts of Scientific-practical Conference of Young scientists dedicated to the problems of oil and gas industry, Baku, Azerbaijan, October 10-11, pp. 2-4 (in Russian)

51. Zeynalov, G.A., 1995, About historical-geologic modelling of oil and gas generation in the Lower Kura Basin. Abstracts of Scientific-practical Conference of Young scientists dedicated to the problems of oil and gas industry, Baku, Azerbaijan, October 10-11, pp. 4-5 (in Russian)

52. E.B.Bagirov and Zeynalov, G.A., 1994, Classification of mud volcanoes of the Kura Basin. Journal of Azerbaijan Oil Industry”, Baku, 1994, No 6, p.45-54, (in Russian)

53. Rahmanov R.R,, Zeynalov, G.A. and Azerli M.M., 1993, Preliminary results of studying mud volcanism of Azerbaijan by satellite images. Abstracts of the I Eurasian Symposium on Space Sciences and Technologies, Gebze-Kocaeli,Turkey, October 25-27, 1993, pp.127-129

54. Zeynalov, G.A., 1993, Oil and gas prospects of Paleogene sediments in Lower Kura Basin, Proceedings of the Conference of Young scientists of Azerbaijan Academy of Sciences, Baku, p.71-72 (in Russian)

55. Mehdiyev Sh.F., Bunyadzadeh Z.A., Aliyev, G.M., Bashirov, Y.F., Zeynalov, G.A. and Efendiyev A. N., 1992, Oil and gas prospects of Productive series in Lower Kura Basin and Baku archipelago. Proceedings of Geological Institute of Azerbaijan Academy of Sciences (in Russian)

56. Zeynalov, G.A., 1992, Mud volcano distributions and hydrocarbon seepages in Shamakhy-Gobustan and Lower Kura depressions., Abstracts of the Conference of Young scientists of Azerbaijan Academy of Sciences, Baku, p.44-45 (in Russian)

57. Zeynalov, G.A. Facial-lithologic characterization of lower horizons of Productive Series (Lower Pliocene) sediments in Lower Kura Basin. Proceedings of the Conference of Young scientists of Azerbaijan Academy of Sciences, Baku, pp.70-71(in Russian)

58. N.R.Narimanov, A.K.Abasov and Zeynalov, G.A., 1991, On structural division of Cheleken-Livanov uplift zone (Turkmenistan). - Journal of Oil & Gas, Baku, 1991, No 2, pp.11-16, (in Russian)

59. Zeynalov, G.A., 1988, Paleotectonic development from Pliocene to Quarternary periods in Absheron archipelago, South Caspian Basin, Abstracts of  Conference Soviet Union Young scientists and students, Dnepropetrovsk , Ukraine, p.123-124 (in Russian)