CV

Professor Doctor/ Khalid Elyas Mohamed Elameen AlKhidir

الأستاذ الدكتور /خالد الياس محمد الأمين الخضر

Marital Status: Married/ One kid

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Position: Professor

Education:

Juba University, Sudan, College of Natural Resources and Environmental Studies Geology and Mining, Bachelor of Science 1990.

King Saud University, Saudi Arabia, College of Science, Department of Geology and Geophysics, MSC 2007.

King Saud University, Saudi Arabia, College of Engineering, Department of Petroleum and Natural Gas Engineering, Ph. D. 2012. **Google scholar link** https://scholar.google.com/citations?user=glkVvzsAAAAJ&hl=en

King Saud University website https://fac.ksu.edu.sa/kalkhidir

Teaching Experience:

Geology courses: Petroleum Geology, Ore deposits, Geology of Ore Deposit. General Geology. Environmental geology, Environmental pollution, Environmental modeling Engineering Courses: Enhances oil recovery.

Research Experience and Interests

My research is directed toward

- Characterization of Oil and Gas reservoirs.
- Aquifer Characterization.
- Synthesis of deep eutectic solvents and their application in enhanced oil recovery.
- Synthesis of deep eutectic solvents and their application in mineral processing.
- Synthesis of deep eutectic solvents and their application in liquid – liquid extraction.

- Synthesis of ester and their application in mineral processing.
- Synthesis of catalyst, their characterization and application of production of ethylene oxide.
- Synthetic polymers and natural polymers their characterization and applications in mineral processing.
- Synthetic polymers and natural polymers their characterization and applications in enhanced oil recovery.

Technical Skills:

SEM, SEMEDX, FTIR, PARTICLE SIZE ANALYZER, PARTICLE CHARGE MAPPER, XRF, HPLC, DSA100, VISCOMETER, CFS 200 ,MRC5, GC-MS Raman Spectroscopy, MICP, MATLAB, Microsoft Office 2007, 2010.

Papers Reviewed by Prof. Khalid Elyas Mohamed Elameen Alkhidir, Verified Reviewed 393

1. **Magnetic Orientation Method for Coalbed Methane Connected Wells** Journal of Petroleum Exploration and Production Technology
2. **Magnetic Orientation Method for Coalbed Methane Connected Well** Journal of Petroleum Exploration and Production Technolog
3. **New Insight into the Controlling Factors of Differences in Carbonate Buried-hills Driven by Tectonic Activity: A Case Study of the Weixinan Sag, Beibuwan Basin,** China Journal of Petroleum Exploration and Production Technology
4. **New Insight into the Controlling Factors of Differences in Carbonate Buried-hills Driven by Tectonic Activity: A Case Study of the Weixinan Sag, Beibuwan Basin,** China Journal of Petroleum Exploration and Production Technology
5. **Optimizing Water-in-Oil Emulsion Stability with Asphaltene in Synthetic Oil Under Reservoir Conditions** Journal of Petroleum Exploration and Production Technology
6. **A Systematic Review to Identify Carbonate Rock Exploration Paradigms and Examine Current and Future Research Directions: A Case Study at One of the Southwest Oil Fields of Iran** Journal of Petroleum Exploration and Production Technology
7. **Application of Log-Based Specific Surface Area Prediction for Permeability Modeling:A Comparative Study of the North Sea Chalk and Highly Heterogeneous Carbonate Reservoir in the Middle East** Journal of Petroleum Exploration and Production Technology

8. **Study on Current Geostress Characteristics and Fracturing Countermeasures in Low- Permeability Reservoirs** Journal of Petroleum Exploration and Production Technology
9. **Investigating the Vertical and Lateral Heterogeneity in an Iranian Carbonate Reservoir Using Advanced Petrophysical Logs, Thin Sections and Image Processing Techniques** Journal of Petroleum Exploration and Production Technology
10. **A Review on Carbon Dioxide Sequestration Potentiality in Basaltic Rocks: Experiments, Simulations, and Pilot Tests Applications** Geoenergy Science and Engineering
11. **A Review on Carbon Dioxide Sequestration Potentiality in Basaltic Rocks: Experiments, Simulations, and Pilot Tests Applications** Geoenergy Science and Engineering
12. **Pore Types Characterization of the Shurijeh Formation Using Integration of Petrographic Data, Well Logs and Production Data in the Kopet-Dagh Basin, Northeastern Iran** Journal of Petroleum Exploration and Production Technology
13. **Creating Capillary Pressure Curves with T2 Data Distribution of Nmr Diagram in a Hydrocarbon Field** Journal of Petroleum Exploration and Production Technology
14. **Novel Exponential Correlation for Water Saturation Modeling in Carbonate Reservoirs Using the Bulk Volume Water Concept** Journal of Petroleum Exploration and Production Technology
15. **Study on Current Geostress Characteristics and Fracturing Countermeasures in Low-permeability Reservoirs** Journal of Petroleum Exploration and Production Technology
16. **Enhancing Water Saturation Predictions from Conventional Well Logs in Tight Carbonate Gas Reservoirs with a Hybrid CNN-LSTM Model** Journal of Petroleum Exploration and Production Technology
17. **Enhancing Water Saturation Predictions from Conventional Well Logs in Tight Carbonate Gas Reservoirs with a Hybrid CNN-LSTM Model** Journal of Petroleum Exploration and Production Technology
18. **Pore Geometry, Mineralogy, and Permeabüty Nwdelhg Ushg a Log-based Method in the Complicated Asmari-Jahrum Carbonate Reservoir, Eastern Margin Dezful Embayment, SW Iran** Journal of Petroleum Exploration and Production Technology
19. **Numerical Experimental Study on the Fracture Process of Shale Containing Internal Prefabricated Cracks Based on CT Scanning with Different Quartz Contents** Journal of Petroleum Exploration and Production Technology
20. **Numerical Experimental Study on the Fracture Process of Shale Containing Internal Prefabricated Cracks Based on CT Scanning**

with Different Quartz Contents Journal of Petroleum Exploration and Production Technology
21. **Sequence-Variable Attention Temporal Convolutional Network for Volcanic Lithology Identification Based on Well Logs** Journal of Petroleum Exploration and Production Technology
22. **Study on Adaptability Limit of Chemical Cold Production in Heavy Oil Reservoirs of the Bongor Basin in Chad** Journal of Petroleum Exploration and Production Technology
23. **A Prediction Method of Drilling Resistance Characteristics in the Tazhong Uplift of Tarim Basin, China** Journal of Petroleum Exploration and Production Technology
24. **Seismic Receiver Functions Auto-picking Method Paper Based on Graph Convolutional Networks** Journal of Petroleum Exploration and Production Technology
25. **Geomechanical Analysis of Wellbore Instability in an Oilfield Using Mohr-Coulomb Criterion and FLAC** Journal of Petroleum Exploration and Production Technology
26. Zhuang, Y., Liu, X., Chen, Z. *et al.* **Investigation on effects of water-shale interaction on acoustic characteristics of organic-rich shale in Ordos Basin,** China. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01851-2
27. Zhuang, Y., Liu, X., Chen, Z. *et al.* **Investigation on effects of water-shale interaction on acoustic characteristics of organic-rich shale in Ordos Basin, China.** *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01851-2
28. Zhuang, Y., Liu, X., Chen, Z. *et al.* **Investigation on effects of water-shale interaction on acoustic characteristics of organic-rich shale in Ordos Basin, China.** *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01851-2
29. Homaie, M., Mahboubi, A., Hartmann, D.J. *et al.* **Flow unit classification and characterization with emphasis on the clustering methods: a case study in a highly heterogeneous carbonate reservoir, eastern margin of Dezful Embayment, SW Iran.** *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01847-y
30. Homaie, M., Mahboubi, A., Hartmann, D.J. *et al.* **Flow unit classification and characterization with emphasis on the clustering methods: a case study in a highly heterogeneous carbonate reservoir, eastern margin of Dezful Embayment, SW Iran.** *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01847-y
31. Homaie, M., Mahboubi, A., Hartmann, D.J. *et al.* **Flow unit classification and characterization with emphasis on the clustering methods: a case study in a highly heterogeneous carbonate reservoir, eastern margin**

of Dezful Embayment, SW Iran. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01847-y

32. Homaie, M., Mahboubi, A., Hartmann, D.J. *et al.* **Flow unit classification and characterization with emphasis on the clustering methods: a case study in a highly heterogeneous carbonate reservoir, eastern margin of Dezful Embayment, SW Iran.** *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01847-y

33. Fang, J., Wang, X., Ji, B., Zou, P., Cheng, S., & Dai, C. (2024). Microscopic behavior of heteroatom asphaltene in the multi-media model: The effect on heavy oil properties. *Geoenergy Science and Engineering*, 213180 https://doi.org/10.1016/j.geoen.2024.213180

34. Fang, J., Wang, X., Ji, B., Zou, P., Cheng, S., & Dai, C. (2024). Microscopic behavior of heteroatom asphaltene in the multi-media model: The effect on heavy oil properties. *Geoenergy Science and Engineering*, 213180. **https://doi.org/10.1016/j.geoen.2024.213180**

35. Ektefa, G., Helalizadeh, A., & Kord, S. (2024). Effect of thermodiffusion on compositional grading in hydrocarbon reservoirs: Insights from field cases and simulations. *Geoenergy Science and Engineering*, *239*, 212934. **https://doi.org/10.1016/j.geoen.2024.212934**

36. Ektefa, G., Helalizadeh, A., & Kord, S. (2024). Effect of thermodiffusion on compositional grading in hydrocarbon reservoirs: Insights from field cases and simulations. *Geoenergy Science and Engineering*, *239*, 212934 https://doi.org/10.1016/j.geoen.2024.212934 .

37. Ektefa, G., Helalizadeh, A., & Kord, S. (2024). Effect of thermodiffusion on compositional grading in hydrocarbon reservoirs: Insights from field cases and simulations. *Geoenergy Science and Engineering*, *239*, 212934. **https://doi.org/10.1016/j.geoen.2024.212934**

38. Mirshadi, A., Javaherian, A., Saberi, M.R. *et al.* Estimation of pore-type distribution utilizing petrophysical data and rock physics modeling on an Iranian carbonate reservoir. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01829-0

39. Mirshadi, A., Javaherian, A., Saberi, M.R. *et al.* Estimation of pore-type distribution utilizing petrophysical data and rock physics modeling on an Iranian carbonate reservoir. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01829-0

40. Zhu, Ml., Liu, Z., Liu, Hm. *et al.* Study on seismic characterization and distribution characteristics of effective reservoirs of granite weathering crust in Dongying Sag, Bohai Bay Basin. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01828-1

41. Zhu, Ml., Liu, Z., Liu, Hm. *et al.* Study on seismic characterization and distribution characteristics of effective reservoirs of granite weathering crust in Dongying Sag, Bohai Bay Basin. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01828-1

42. Leisi, A., Shad Manaman, N. Three-dimensional shear wave velocity prediction by integrating post-stack seismic attributes and well logs: application on Asmari formation in Iran. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01832-5

43. Leisi, A., Shad Manaman, N. Three-dimensional shear wave velocity prediction by integrating post-stack seismic attributes and well logs: application on Asmari formation in Iran. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01832-5

44. Leisi, A., Shad Manaman, N. Three-dimensional shear wave velocity prediction by integrating post-stack seismic attributes and well logs: application on Asmari formation in Iran. *J Petrol Explor Prod Technol* (2024). https://doi.org/10.1007/s13202-024-01832-5

45. **Experimental Evaluation of Nanoclay Assisted Water Based EOR Method** Journal of Petroleum Exploration and Production Technology

46. **Experimental Evaluation of Nanoclay Assisted Water Based EOR Method** Journal of Petroleum Exploration and Production Technolog

47. Dabbaghi, E., Ng, K., Kou, Z. *et al.* Experimental investigation to understand the effect of fracturing fluid on the geomechanical behavior of mowry shale. *J Petrol Explor Prod Technol* **14**, 1505–1519 (2024). https://doi.org/10.1007/s13202-024-01788-6

48. Dabbaghi, E., Ng, K., Kou, Z. *et al.* Experimental investigation to understand the effect of fracturing fluid on the geomechanical behavior of mowry shale. *J Petrol Explor Prod Technol* **14**, 1505–1519 (2024). https://doi.org/10.1007/s13202-024-01788-6

49. Dabbaghi, E., Ng, K., Kou, Z. *et al.* Experimental investigation to understand the effect of fracturing fluid on the geomechanical behavior of mowry shale. *J Petrol Explor Prod Technol* **14**, 1505–1519 (2024). https://doi.org/10.1007/s13202-024-01788-6

50. Wang, Y. Image-based microscale rock typing and its application. *J Petrol Explor Prod Technol* **14**, 2055–2071 (2024). https://doi.org/10.1007/s13202-024-01804-9

51. Wang, Y. Image-based microscale rock typing and its application. *J Petrol Explor Prod Technol* **14**, 2055–2071 (2024). https://doi.org/10.1007/s13202-024-01804-9

52. Wang, Y. Image-based microscale rock typing and its application. *J Petrol Explor Prod Technol* **14**, 2055–2071 (2024). https://doi.org/10.1007/s13202-024-01804-9

53. Wang, Y. Image-based microscale rock typing and its application. *J Petrol Explor Prod Technol* **14**, 2055–2071 (2024). https://doi.org/10.1007/s13202-024-01804-9

54. Chen, M., Gao, Y., Wang, G. *et al.* A novel reservoir classification method for sandstone reservoir evaluation using multi-scale digital rock method. *J Petrol Explor Prod Technol* **14**, 1769–1782 (2024). https://doi.org/10.1007/s13202-024-01798-4

55. Chen, M., Gao, Y., Wang, G. *et al.* A novel reservoir classification method for sandstone reservoir evaluation using multi-scale digital rock method. *J Petrol Explor Prod Technol* **14**, 1769–1782 (2024). https://doi.org/10.1007/s13202-024-01798-4

56. Wei, L., Fu, C., Li, W. *et al.* Integrity assessment of shale gas wells in Changning Block based on hierarchical analysis method. *J Petrol Explor Prod Technol* **14**, 2129–2142 (2024). https://doi.org/10.1007/s13202-024-01806-7

57. Wei, L., Fu, C., Li, W. *et al.* Integrity assessment of shale gas wells in Changning Block based on hierarchical analysis method. *J Petrol Explor Prod Technol* **14**, 2129–2142 (2024). https://doi.org/10.1007/s13202-024-01806-7

58. Zhou, Q., Liu, J., Zhang, D. *et al.* Microscopic enrichment and porosity-permeability reduction mechanism of residual oil in tight sandstone reservoirs: an insight from Chang 8 Member, Yanchang Formation, Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1365–1393 (2024). https://doi.org/10.1007/s13202-024-01784-w

59. Zhou, Q., Liu, J., Zhang, D. *et al.* Microscopic enrichment and porosity-permeability reduction mechanism of residual oil in tight sandstone reservoirs: an insight from Chang 8 Member, Yanchang Formation, Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1365–1393 (2024). https://doi.org/10.1007/s13202-024-01784-w

60. Zhou, Q., Liu, J., Zhang, D. *et al.* Microscopic enrichment and porosity-permeability reduction mechanism of residual oil in tight sandstone reservoirs: an insight from Chang 8 Member, Yanchang Formation, Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1365–1393 (2024). https://doi.org/10.1007/s13202-024-01784-w

61. Petrophysical Well Log Reconstruction for Missing and Non-recorded Logs By Utilizing AI/ML Techniques Journal of Petroleum Exploration and Production Technology
62. Gaidai Reliability Method for FPSO/LNG Mooring System Lifetime Assessments Journal of Petroleum Exploration and Production Technology
63. Gaidai Reliability Method for FPSO/LNG Mooring System Lifetime Assessments Journal of Petroleum Exploration and Production Technology
64. Elahifar, B., Hosseini, E. Automated real-time prediction of geological formation tops during drilling operations: an applied machine learning solution for the Norwegian Continental Shelf. *J Petrol Explor Prod Technol* **14**, 1661–1703 (2024). https://doi.org/10.1007/s13202-024-01789-5

65. Elahifar, B., Hosseini, E. Automated real-time prediction of geological formation tops during drilling operations: an applied machine learning solution for the Norwegian Continental Shelf. *J Petrol Explor Prod Technol* **14**, 1661–1703 (2024). https://doi.org/10.1007/s13202-024-01789-5

66. Lei, Q., Ma, S., Li, J. *et al.* Wettability evaluation of shale oil reservoirs and its impact on the post-fracturing shut-in duration of horizontal wells: a quantitative study for Ordos Basin, NW China. *J Petrol Explor Prod Technol* **14**, 1733–1767 (2024). https://doi.org/10.1007/s13202-024-01787-7

67. Lei, Q., Ma, S., Li, J. *et al.* Wettability evaluation of shale oil reservoirs and its impact on the post-fracturing shut-in duration of horizontal wells: a quantitative study for Ordos Basin, NW China. *J Petrol Explor Prod Technol* **14**, 1733–1767 (2024). https://doi.org/10.1007/s13202-024-01787-7

68. Cheng, X., Sun, H., Pu, Y. *et al.* Mechanical and energetic properties of rock-like specimens under water-stress coupling environment. *J Petrol Explor Prod Technol* **14**, 1113–1128 (2024). https://doi.org/10.1007/s13202-024-01766-y

69. Cheng, X., Sun, H., Pu, Y. *et al.* Mechanical and energetic properties of rock-like specimens under water-stress coupling environment. *J Petrol Explor Prod Technol* **14**, 1113–1128 (2024). https://doi.org/10.1007/s13202-024-01766-y

70. Cai, J., Duan, Z., Wang, L. *et al.* Multiscale dilated denoising convolution with channel attention mechanism for micro-seismic signal denoising. *J Petrol Explor Prod Technol* **14**, 883–908 (2024). https://doi.org/10.1007/s13202-024-01752-4

71. Cai, J., Duan, Z., Wang, L. *et al.* Multiscale dilated denoising convolution with channel attention mechanism for micro-seismic signal denoising. *J Petrol Explor Prod Technol* **14**, 883–908 (2024). https://doi.org/10.1007/s13202-024-01752-4

72. Cai, J., Duan, Z., Wang, L. *et al.* Multiscale dilated denoising convolution with channel attention mechanism for micro-seismic signal denoising. *J Petrol Explor Prod Technol* **14**, 883–908 (2024). https://doi.org/10.1007/s13202-024-01752-4

73. Meng, X., Pu, R., Dou, T. *et al.* Longshore changes in the microfacies and distribution of clastic barrier coastal sandbodies: a case from the Benxi formation in the Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1129–1148 (2024). https://doi.org/10.1007/s13202-024-01760-4

74. Meng, X., Pu, R., Dou, T. *et al.* Longshore changes in the microfacies and distribution of clastic barrier coastal sandbodies: a case from the Benxi formation in the Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1129–1148 (2024). https://doi.org/10.1007/s13202-024-01760-4

75. Meng, X., Pu, R., Dou, T. *et al.* Longshore changes in the microfacies and distribution of clastic barrier coastal sandbodies: a case from the Benxi formation in the Ordos Basin, China. *J Petrol Explor Prod Technol* **14**, 1129–1148 (2024). https://doi.org/10.1007/s13202-024-01760-4

76. FPSO/LNG hawser system lifetime assessment by Gaidai multivariate risk assessment method Energy Informatics

77. Deng, Q., Qu, J., Mi, Z. *et al.* Performance of multistage-fractured horizontal wells with secondary discrete fractures in heterogeneous tight reservoirs. *J Petrol Explor Prod Technol* **14**, 975–995 (2024). https://doi.org/10.1007/s13202-024-01749-z

78. Deng, Q., Qu, J., Mi, Z. *et al.* Performance of multistage-fractured horizontal wells with secondary discrete fractures in heterogeneous tight

reservoirs. *J Petrol Explor Prod Technol* **14**, 975–995 (2024). https://doi.org/10.1007/s13202-024-01749-z

79. Deng, Q., Qu, J., Mi, Z. *et al.* Performance of multistage-fractured horizontal wells with secondary discrete fractures in heterogeneous tight reservoirs. *J Petrol Explor Prod Technol* **14**, 975–995 (2024). https://doi.org/10.1007/s13202-024-01749-z

80. Onojake, M.C., Nkanta, N.E., Osakwe, J.O. *et al.* Organic geochemical evaluation of crude oils from some producing fields in the Niger Delta basin, Nigeria. *J Petrol Explor Prod Technol* **14**, 1799–1811 (2024). https://doi.org/10.1007/s13202-024-01799-3

81. Onojake, M.C., Nkanta, N.E., Osakwe, J.O. *et al.* Organic geochemical evaluation of crude oils from some producing fields in the Niger Delta basin, Nigeria. *J Petrol Explor Prod Technol* **14**, 1799–1811 (2024). https://doi.org/10.1007/s13202-024-01799-3

82. Onojake, M.C., Nkanta, N.E., Osakwe, J.O. *et al.* Organic geochemical evaluation of crude oils from some producing fields in the Niger Delta basin, Nigeria. *J Petrol Explor Prod Technol* **14**, 1799–1811 (2024). https://doi.org/10.1007/s13202-024-01799-3

83. Determination and Distribution of Overburden, Pore, and Fracture Pressures for Shaly Layers in Mishrif Formation for Southern Iraq Oil Fields Using Wireline Logs Methods Journal of Petroleum Exploration and Production Technology

84. Cao, J., Sun, S., Liu, X. *et al.* A productivity equation of horizontal wells in the bottom water drive reservoir with an interlayer. *J Petrol Explor Prod Technol* **14**, 839–852 (2024). https://doi.org/10.1007/s13202-023-01742-y

85. Cao, J., Sun, S., Liu, X. *et al.* A productivity equation of horizontal wells in the bottom water drive reservoir with an interlayer. *J Petrol Explor Prod Technol* **14**, 839–852 (2024). https://doi.org/10.1007/s13202-023-01742-y

86. Cao, J., Sun, S., Liu, X. *et al.* A productivity equation of horizontal wells in the bottom water drive reservoir with an interlayer. *J Petrol Explor Prod Technol* **14**, 839–852 (2024). https://doi.org/10.1007/s13202-023-01742-y

87. Cao, J., Sun, S., Liu, X. *et al.* A productivity equation of horizontal wells in the bottom water drive reservoir with an interlayer. *J Petrol Explor Prod Technol* **14**, 839–852 (2024). https://doi.org/10.1007/s13202-023-01742-y

88. Predicting fluid flow in reservoirs: analysis of fracture clustering in outcrop analogues Journal of Petroleum Exploration and Production Technology

89. Vijouyeh, A.G., Sedghi, M.H. & Wood, D.A. Prediction of wellbore sand production potential from analysis of petrophysical data coupled with field stress: a case study from the Shah-Deniz gas field (Caspian Sea Basin). *J Petrol Explor Prod Technol* **14**, 761–784 (2024). https://doi.org/10.1007/s13202-023-01738-8

90. Vijouyeh, A.G., Sedghi, M.H. & Wood, D.A. Prediction of wellbore sand production potential from analysis of petrophysical data coupled with field stress: a case study from the Shah-Deniz gas field (Caspian Sea Basin). *J Petrol Explor Prod Technol* **14**, 761–784 (2024). https://doi.org/10.1007/s13202-023-01738-8

91. Sahu, A. K., & Roy, A. (2024). Predicting fluid flow in reservoirs: analysis of fracture clustering in outcrop analogues. *Petroleum Geoscience*, *30*(2), petgeo2023-091. https://doi.org/10.1144/petgeo2023-091

92. Jamshidipour, A., Khanehbad, M., Mirshahani, M. *et al.* Geochemical evaluation and source rock zonation by multi-layer perceptron neural network technique: a case study for Pabdeh and Gurpi Formations-North Dezful Embayment (SW Iran). *J Petrol Explor Prod Technol* **14**, 705–726 (2024). https://doi.org/10.1007/s13202-023-01731-1

93. Jamshidipour, A., Khanehbad, M., Mirshahani, M. *et al.* Geochemical evaluation and source rock zonation by multi-layer perceptron neural network technique: a case study for Pabdeh and Gurpi Formations-North Dezful Embayment (SW Iran). *J Petrol Explor Prod Technol* **14**, 705–726 (2024). https://doi.org/10.1007/s13202-023-01731-1

94. Chang, X., Wang, X., Yang, C. *et al.* Vertical height growth mechanism of hydraulic fractures in laminated shale oil reservoirs based on 3D discrete lattice modeling. *J Petrol Explor Prod Technol* **14**, 785–804 (2024). https://doi.org/10.1007/s13202-023-01733-z

95. Chang, X., Wang, X., Yang, C. *et al.* Vertical height growth mechanism of hydraulic fractures in laminated shale oil reservoirs based on 3D discrete lattice modeling. *J Petrol Explor Prod Technol* **14**, 785–804 (2024). https://doi.org/10.1007/s13202-023-01733-z

96. Yu, Y., Fang, P., Zhang, B., He, Y., Li, G., & Xiao, D. (2023). Characteristics of cuttings migration with new cuttings removal device in horizontal well. *Geoenergy Science and Engineering*, *231*, 212379. https://doi.org/10.1016/j.geoen.2023.212379

97. Research on Gas Channeling Law of CO2 Flooding in Ultra Low Permeability Multilayer Reservoir Journal of Petroleum Exploration and Production Technology

98. Analysis of Fractures in the Reservoir Rocks of the Karanj Oil Field in Southwest Iran Journal of Petroleum Exploration and Production Technology

99. Dehbanzadeh, S.S., Asadi, A.M., Yazdjerdi, K. *et al.* Analysis of Fractures in the Reservoir Rocks of the Karanj Oil Field in Southwest Iran. *Solid Fuel Chem.* **57**, 519–537 (2023). https://doi.org/10.3103/S0361521923080025

100. Screening Criteria and Experimental Investigation for Enhanced Oil Recovery at Umm Niqa Oil Field in Kuwait Journal of Petroleum Exploration and Production Technology

101. Shuvo, M.A.I., Sultan, M.Z.B. & Ferdous, A.R.R. Applicability of sawdust as a green additive to improve the rheological and filtration properties of water-based drilling fluid: an experimental investigation. *J Petrol Explor Prod Technol* **14**, 303–315 (2024). https://doi.org/10.1007/s13202-023-01706-2

102. Shuvo, M.A.I., Sultan, M.Z.B. & Ferdous, A.R.R. Applicability of sawdust as a green additive to improve the rheological and filtration properties of water-based drilling fluid: an experimental investigation. *J Petrol Explor Prod Technol* **14**, 303–315 (2024). https://doi.org/10.1007/s13202-023-01706-2

103. Ardebili, P.N., Jozanikohan, G. & Moradzadeh, A. Estimation of porosity and volume of shale using artificial intelligence, case study of Kashafrud Gas Reservoir, NE Iran. *J Petrol Explor Prod Technol* **14**, 477–494 (2024). https://doi.org/10.1007/s13202-023-01729-9

104. Ardebili, P.N., Jozanikohan, G. & Moradzadeh, A. Estimation of porosity and volume of shale using artificial intelligence, case study of Kashafrud Gas Reservoir, NE Iran. *J Petrol Explor Prod Technol* **14**, 477–494 (2024). https://doi.org/10.1007/s13202-023-01729-9

105. Integrated Seismic, Petrophysical, and Geochemical Studies for Evaluating Elements of the Petroleum System in Karama Oil Field, North Western Desert, Egypt Journal of Petroleum Exploration and Production Technology

106. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Heliyon

107. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technolog

108. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technology

109. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technology

110. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technology

111. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technology

112. A new approach to predict carbonate lithology from well logs: A case study of the Kometan formation in northern Iraq Journal of Petroleum Exploration and Production Technology

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115. Finite element simulation of formation testing while drilling accounting for thermal-hydro-mechanical coupling Geoenergy Science and Engineering

116. Finite element simulation of formation testing while drilling accounting for thermal-hydro-mechanical coupling Geoenergy Science and Engineering

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118. Numerical Study on Enhanced Heat Transfer of Downhole SlottedType Heaters for In Situ Oil Shale Exploitation ACS Omega

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124. Diagenetic evolution and reservoir quality of the Oligocene sandstones in the Baiyun Sag, Pearl River Mouth Basin, South China Sea Journal of Petroleum Exploration and Production Technology

125. Diagenetic evolution and reservoir quality of the Oligocene sandstones in the Baiyun Sag, Pearl River Mouth Basin, South China Sea Journal of Petroleum Exploration and Production Technology

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149. Drilling-vibration response characteristics of rocks based on Hilbert-Huang transform (Aug, 10.1007/s13202-023-01684-5, 2023) Journal of Petroleum Exploration and Production Technology
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174. Chlorite characterization and diagenetic evolution as primary controls on Zhuhai Formation sandstone reservoir quality in Zhu-III sag, Pearl River Mouth Basin, south China sea Journal of Petroleum Science and Engineering
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195. Evaluation of the Rock Mechanical Properties of Shale Oil Reservoirs: A Case Study of Permian Lucaogou Formation in the Jimusar Sag, Junggar Basin Journal of Petroleum Exploration and Production Technology
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222. Effect of CO_2 Huff and Puff Rounds on Crude Oil Properties Journal of Petroleum Exploration and Production Technology

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236. Gravity displacement gas kick law in fractured carbonate formation Journal of Petroleum Exploration and Production Technology
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241. Research on In-situ Stress Constraint Modeling Method for Unconventional Tight Sandstone Reservoir Journal of Petroleum Science and Engineering
242. Geomechanical log responses and identification of fractures in tight sandstone, West Sichuan Xinchang Gas Field Scientific Reports
243. Geomechanical log responses and identification of fractures in tight sandstone, West Sichuan Xinchang Gas Field Journal of Petroleum Exploration and Production Technology
244. Cephy: a stand-alone, free and open-source toolkit for hydrocarbon in place evaluation by ordinary kriging Journal of Petroleum Exploration and Production Technology

245. The maturity of Silurian Longmaxi shale in Jiaoshiba, Sichuan Basin: as revealed by laser Raman spectroscopy Journal of Petroleum Exploration and Production Technology
246. The maturity of Silurian Longmaxi shale in Jiaoshiba, Sichuan Basin: as revealed by laser Raman spectroscopy Journal of Petroleum Exploration and Production Technology
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248. Geophysical assessment for the oil potentiality of the Abu Roash "G" reservoir in West Beni Suef Basin, Western Desert, Egypt Journal of Petroleum Exploration and Production Technology
249. Hydrocarbon prospectivity of the miocene-pliocene clastic reservoirs, Northern Taranaki basin, New Zealand: integration of petrographic and geophysical studies Journal of Petroleum Exploration and Production Technology
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281. Classification evaluation method for Chang 7 oil group of Yanchang formation in Ordos Basin Journal of Petroleum Exploration and Production Technology
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303. Geologic mapping and basement-sediment contact delineation along Profile X, Igarra-Auchi area, Southern Nigeria using ground magnetic and electromagnetic methods Journal of Petroleum Exploration and Production Technology
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324. Fractured reservoir distribution characterization using folding mechanism analysis and patterns recognition in the Tabnak hydrocarbon reservoir anticline Journal of Petroleum Exploration and Production Technology

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326. Smectite illitization of the Talhar shale, Lower Goru Formation, Southern Indus Basin, Pakistan Journal of Petroleum Exploration and Production Technology

327. Well logging data interpretation for appraising the performance of Alam El-Bueib reservoir in Safir Oil Field, Shushan Basin, Egypt Journal of Petroleum Exploration and Production Technology

328. On the Evaluation of Interfacial Tension (IFT) of CO_2-Paraffin System for Enhanced Oil Recovery Process: Comparison of Empirical Correlations, Soft Computing Approaches, and Parachor Model Journal of Petroleum Science and Engineering

329. Seismic expression of miocene carbonate platform and reservoir characterization through geophysical approach: application in central Luconia, offshore Malaysia Journal of Petroleum Exploration and Production Technology

330. Experimental and modeling of two heavy oil densities for temperatures from (288 to 358) K Petroleum Science and Technology

331. Experimental and modeling of two heavy oil densities for temperatures from (288 to 358) K ournal of Petroleum Science and Engineering

332. Transport Mechanism for Gas Injection in Shale Oil Recovery Journal of Petroleum Exploration and Production Technology

333. Reservoir characterization and identification of new prospect in Srikail gas field using wireline and seismic data Journal of Petroleum Exploration and Production Technology

334. Application of the Microbial Oil Prospecting Method in the Northern Wancheng Fault Zone Journal of Petroleum Exploration and Production Technology

335. Insights into the structure and surface geology of balanced and retrodeformed geological cross sections from the Nizampur basin, Khyber Pakhtunkhwa, Pakistan Journal of Petroleum Exploration and Production Technology
336. Geochemical study of the early cretaceous Fahliyan oil reservoir in the northwest Persian Gulf Journal of Petroleum Exploration and Production Technology
337. Geophysical appraisal for the sandy levels within Abu Roash C and E members in Abu Gharadig Field, Western Desert, Egypt Journal of Petroleum Exploration and Production Technology
338. Geo-electrical investigation of the groundwater potential of Ogidi and environs, Anambra State, South-eastern Nigeria Journal of Petroleum Exploration and Production Technology
339. Biostratigraphic and petrological characteristics of Cretaceous-Paleogene sediments in the eastern Cuu Long delta Journal of Petroleum Exploration and Production Technology
340. First evidence of the early cretaceous oceanic anoxic events (MBE and OAE1a) in the southern Tethyan margin (NE-Tunisia): biostratigraphy and shale resource system Journal of Petroleum Exploration and Production Technology
341. A predictive method for constructing the distillation curve of petroleum fluids using their physical bulk properties Journal of Petroleum Science and Engineering
342. A predictive method for constructing the distillation curve of petroleum fluids using their physical bulk properties Journal of Petroleum Science and Engineering
343. Sedimentary facies, depositional environments and conceptual outcrop analogue (Dam Formation, early Miocene) Eastern Arabian Platform, Saudi Arabia: a new high-resolution approach Journal of Petroleum Exploration and Production Technology
344. Productivity and oil fingerprinting: Application of analytical chemistry in the assessment of reservoir quality Journal of Petroleum Science and Engineering
345. Forecasting oil well performance in tight formation using the connected reservoir storage model Journal of Petroleum Science and Engineering
346. Evaluating the Effect of Oil-Displacing Agents Using Computer Graphics and Visualization Glass Plate Model Experiments Journal of Petroleum Science and Engineering
347. Pore structure characteristics and their influencing factors: A case study from the middle jurassic mixed siliciclastic carbonate rocks,

Turpan-Hami basin, Northwest China Journal of Petroleum Science and Engineering

348. Fractured Zones Detection Using Conventional Petrophysical Logs By R/S Method and Fracture Modeling Journal of Petroleum Science and Engineering

349. Multivariate optimization of tight core retrieval schedule based on numerical simulation. A novel approach Journal of Petroleum Science and Engineering

350. Multivariate optimization of tight core retrieval schedule based on numerical simulation. A novel approach Journal of Petroleum Science and Engineering

351. Multivariate optimization of tight core retrieval schedule based on numerical simulation. A novel approach Journal of Petroleum Science and Engineering

352. Multivariate optimization of tight core retrieval schedule based on numerical simulation. A novel approach Journal of Petroleum Science and Engineering

353. Modeling viscosity of light and intermediate dead oil systems using advanced computational frameworks and artificial neural networks Journal of Petroleum Science and Engineering

354. Modeling viscosity of light and intermediate dead oil systems using advanced computational frameworks and artificial neural networks Journal of Petroleum Science and Engineering

355. Petroleum migration and accumulation in the Liuchu area of Raoyang Sag, Bohai Bay Basin, China Journal of Petroleum Science and Engineering

356. Petroleum migration and accumulation in the Liuchu area of Raoyang Sag, Bohai Bay Basin, China Journal of Petroleum Science and Engineering

357. Pore structure characterization and permeability estimation with a modified multimodal Thomeer pore size distribution function for carbonate reservoirs Journal of Petroleum Science and Engineering

358. Study on Oil Source Type Division and Distribution LaStudy on Oil Source Type Division and Distribution Law in Dawanqi Oilfield，Tarim Basin, NW China W in Dawanqi Oilfield，Tarim Basin, NW China Journal of Petroleum Science and Engineering

359. Integrated reservoir and basin modeling in understanding the petroleum system and evaluating prospects: The Cenomanian reservoir, Bahariya Formation, at Falak Field, Shushan Basin, Western Desert, Egypt Journal of Petroleum Science and Engineering

360. Integrated reservoir and basin modeling in understanding the petroleum system and evaluating prospects: The Cenomanian reservoir, Bahariya Formation, at Falak Field, Shushan Basin, Western Desert, Egypt Journal of Petroleum Science and Engineering
361. Integrated reservoir and basin modeling in understanding the petroleum system and evaluating prospects: The Cenomanian reservoir, Bahariya Formation, at Falak Field, Shushan Basin, Western Desert, Egypt Journal of Petroleum Science and Engineering
362. Organic geochemistry of condensates and natural gases in the northwest Nile Delta offshore Egypt Journal of Petroleum Science and Engineering
363. Organic geochemistry of condensates and natural gases in the northwest Nile Delta offshore Egypt Journal of Petroleum Science and Engineering
364. Characteristics of matrix-related pores associated with various lithofacies of marine shales inside of Guizhong Basin, South China Journal of Petroleum Science and Engineering
365. Characteristics of matrix-related pores associated with various lithofacies of marine shales inside of Guizhong Basin, South China Journal of Petroleum Science and Engineering
366. Characteristics and sedimentary model of a reticular shallow-water delta with distributary channels: lower member of the Neogene Minghuazhen Formation in the Bozhong area of the Huanghekou Sag, China Journal of Petroleum Science and Engineering
367. Petroleum charging history of Neogene reservoir in the Baiyun Sag, Pearl River Mouth Basin, South China sea Journal of Petroleum Science and Engineering
368. A generalized scaling equation to predict asphaltene precipitation during precipitant dilution, natural depletion, water injection and gas injection Journal of Petroleum Science and Engineering
369. A generalized scaling equation to predict asphaltene precipitation during precipitant dilution, natural depletion, water injection and gas injection Journal of Petroleum Science and Engineering
370. Comprehensive study on the conventional petroleum system of the Masilah oilfields, Sayun-Masilah Basin, Yemen Journal of Petroleum Science and Engineering
371. Comprehensive study on the conventional petroleum system of the Masilah oilfields, Sayun-Masilah Basin, Yemen Journal of Petroleum Science and Engineering

372. Comprehensive study on the conventional petroleum system of the Masilah oilfields, Sayun-Masilah Basin, Yemen Journal of Petroleum Science and Engineering
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374. Control of magmatism on gas accumulation in Linxing area, Ordos Basin, NW China: Evidence from fluid inclusions Journal of Petroleum Science and Engineering
375. Variations of diamondoids distributions in petroleum fluids during migration induced phase fractionation: A case study from the Tazhong area, NW China Journal of Petroleum Science and Engineering
376. Variations of diamondoids distributions in petroleum fluids during migration induced phase fractionation: A case study from the Tazhong area, NW China SJournal of Petroleum Science and Engineering
377. Low-resistivity Pay Zones Characteristics and Genetic Mechanism Analysis in Yanchang Formation Chang 8 Member Tight Sandstone Reservoir of the Longdong West Area, Ordos Basin Journal of Petroleum Science and Engineering
378. Quartz cement origins and impact on storage performance in Permian Upper Shihezi Formation tight sandstone reservoirs in the northern Ordos Basin, China Journal of Petroleum Science and Engineering
379. Maturity Effect on Methyltrimethyltridecylchromans (MTTCs) Distributions in Sediments from the Saline Lacustrine Settings, Bohai Bay Basin, China Journal of Petroleum Science and Engineering
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384. Adsorption kinetics and thermodynamics properties of Supercritical CO2 on activated clay Journal of Petroleum Science and Engineering
385. Depositional, sedimentary, and diagenetic controls on reservoir quality in carbonate successions: A case study from the carbonate gas reservoirs of the Lower Triassic Feixianguan Formation, eastern Sichuan Basin, China Journal of Petroleum Science and Engineering
386. Experimental study on structural models of coal macrolithotypes and its well logging responses in the Hancheng area, Ordos Basin, China Journal of Petroleum Science and Engineering
387. Investigation of the methane adsorption characteristics of marine organic-rich shale: A case study of the lower Cambrian Niutitang Shale in the Fenggang block, northern Guizhou Province, South China Journal of Petroleum Science and Engineering
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389. Responses and data inversion of four-detector scattered-gamma-ray logging in cased holes Journal of Petroleum Science and Engineering
390. Predicting Gas Content of High Maturity Marine Shale Using Neural Network Based Seismic Multi-attribute Analysis-A Case Study from the Lower Silurian Longmaxi Formation in Sichuan Basin, China Journal of Petroleum Science and Engineering
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394. Comparative studies of microscopic pore throat characteristics of unconventional super-low permeability sandstone reservoirs: Examples of Chang 6 and Chang 8 reservoirs of Yanchang Formation in Ordos Basin, China Journal of Petroleum Science and Engineering
395. Static reservoir modeling of the Bahariya reservoirs for the oilfields development in South Umbarka area, Western Desert, Egypt Journal of Petroleum Science and Engineering
396. Quantitative determination of pore and throat parameters in tight oil reservoir using constant rate mercury intrusion technique Journal of Petroleum Exploration and Production Technology

Publications

1. Seismo Magnetic Moment Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Professor /Doctor Khalid Elyas Mohamed Elameen Alkhidir King Saud University –College of Engineering. Journal of King Saud University Engineering Sciences (Received 3/3/2020G, Accepted for Publication 30/4/2020G) البعد الكسري للحظة المغناطيسية الزلزالية في تخصيص خزانات شجرا البيرمو كربوني ، المملكة العربية السعودبة كلية الهندسة الأستاذ الدكتور/خالد الياس محمد الامين الخضر جامعة الملك سعود
2. **Khalid Elyas Mohamed Elameen Alkhidir**. On Similarity of Seismo Diffusion Coefficient and Pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Biogeneric Science and Research. Published:25/06/2020https://biogenericpublishers.com/pdf/JBGSR.MS.ID.00034.pdf
3. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Entropy Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Earth & Environmental Science Research & Review. Accepted: 25 Mar 2020; Published: 30 Mar 2020
4. **Prof. Khalid Elyas Mohamed Elameen Alkhidir**. Specific Enthalpy Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Journal of Agriulture and Aquaculture. Volume 2, Issue 1 2020.
5. **Khalid Elyas Mohamed Elameen Alkhidir** On Similarity of Seismo Magentic Power Density and Capillary Pressure Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia Medcave Journal of Environmental Science&Technology volume 2, Issue 1, 2020
6. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismo Mechanical Energy Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. International Journal of Petroleum and Petrochemical Engineering. Volume 6, Issue 1, 2020, PP 14-23
7. **Khalid Elyas Mohamed Elameen Alkhidir**. Frequency Spectral

Radiation Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Current Findings in Archaeology and Anthropology. Volume 1 - Issue 1, 2020

8. **Khalid Elyas Mohamed Elameen Alkhidir**. On similarity of Seismo Magnetic Moment and pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Geology & Earth Sciences. Volume 1| Issue 6, 2020.
9. **Khalid Elyas Mohamed Elameen Alkhidir**. On Similarity of Seismo Magnetic Power Density and Pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Physics & Optics Sciences. Volume 2 | Issue 1 | 2020. https://doi.org/10.47363/jpsos/2020(2)105
10. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** On Similarity of Seismo Radial Grain Velocity and Capillary Pressure Fractal Dimension for Characterizing Shajara Reservoirs of the PermooCarboniferous Shajara Formation, Saudi Arabia Journal of Applied Material Science & Engineering Research. 14 Feb 2020
11. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** On Similarity of Seismo Magentic Field and Pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia, Saudi Arabia. Earth & Environmental Science Research & Rev 15 Feb 2020
12. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Seismo Radial Grain Velocity Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Chemistry: Education Research and Practice 6 Feb 2020
13. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Seismo Diffusion Coefficient Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. 2020,05/01
14. **Professor Khalid Elyas Mohamed Elameen Alkhidir**. Seismo Magnetic Moment Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. World scientific News 2020, 139 (2):186-200.
15. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Seismo Magnetic Field Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia.

International Journal of Bioprocess &Biotechnological Advancements. 2019, 5(1):169-176.

16. Khalid Elyas Mohamed Elameen Alkhidir. Luminous Efficacy Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Current Trends in Nanotechnology 2019 ,1(1):1-7
17. **Prof. Khalid Elyas Mohamed Elameen Alkhidir Ph.D**. On similarity of specific heat capacity and capillary pressure fractal dimensions for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Advanced Research in Biotechnology. 2019,4(2):1-7.
18. **Khalid Elyas Mohamed Elameen Alkhidir.** Volumetric heat capacity and capillary pressure fractal dimensions for characterizing shajara reservoirs of the permo-carboniferous shajara formation, Saudi Arabia. Biology, Engineering and Medicine, 2019,4:1-9
19. **Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Seismic Shear Wave Velocity Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Petroleum and Chemical Industry International. 2019, 2(3):1-6.
20. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. On Similarity of Molar heat Capacity and Capillary Pressure Fractal Dimensions for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Research Journal of Nanoscience and Engineering, 2019, 3(2):30-38.
21. **Khalid Elyas Mohamed Elameen Alkhidir**. Radiant Exposure Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation. International Journal of Modern Science and Technology 2019, 4(6):161-167.
22. **Prof. Khalid Elyas Mohamed Elameen Alkhidir Ph.D**. Molar Enthalpy Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation. Journal of Agriculture and Aquaculture 2019, 1(1): 1-8
23. **Prof. Khalid Elyas Mohamed Elameen Alkhidir Ph.D**. Thermo Electric Sensitivity Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Earth & Environmental Science Research & Reviews 2019, 2(3):1-6.
24. **Prof. Khalid Elyas Mohamed Elameen Alkhidir Ph.D**. Cole cole time fractal dimension for characterizing Shajara Reservoirs of the

PermoCarboniferous Shajara Formation, Saudi Arabia. Journal of Environmental Sciences.2019,1(4):1-6

25. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Polarization Density Fractal Dimension For Characterizing Shajara Reservoirs of the Permo-Carboniferous shajara Formation. Research Journal of Nanoscience and Engineering, 2019,3 (2):13-21.
26. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Diffusion coefficient fractal dimension for characterizing Shajara reservoirs of the Permo – carboniferous Shajara formation, Saudi Arabia. MOJ Ecology & Environmental Sciences. 2019, 4(2):85-90
27. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Work Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. International Journal of Environment & Agricultural Science, 2019, 3(2):1-8.
28. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Fluid Potential Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. International Journal of Petroleum and Petrochemical Engineering. 2019,5(1):6-15.
29. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** Seismo Magnetic Field Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. International Journal of Biotechnology and Bioengineering.2019,5(1):1-8.
30. **Prof.Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.** On the Equality of Electric Power Fractal Dimension and Capillary Pressure Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation. Journal of Applied Physics & Nanotechnology. 2019, 2(1):1-6.
31. **Prof. Khalid Elyas Mohamed Elameen Alkhidir**, **Ph.D.** Transverse Relaxation Time Fractal Dimension of Nuclear Magnetic Resonance for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Petroleum and chemical industry International. 2019, 2 (2):1-6.
32. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismo Electric Bio availability Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. International Journal of Pollution Research. 2018, 1:1-9.
33. **Prof. Khalid Elyas Mohamed Elameen AlKhidir.** Flow rate fractal dimension for characterizing Shajara reservoirs of the

PermoCarboniferous Shajara Formation, Saudi Arabia. Advances in Petroleum and Chemical Engineering. 2018, 1:1-6.

34. **Khalid Elyas Mohamed Elameen AlKhidir.** Seismo Mechanical Force Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Modern Approaches in Oceanography and Petrochemical Sciences. 2018, 2(2): 1-7. http://dx.doi.org/10.32474/MAOPS.2018.02.000134
35. **Professor Khalid Elyas Mohamed Elameen AlKhidir.** On Similarity of Differential Capacity and Capillary Pressure Fractal Dimensions for Characterizing Shajara Reservoirs of the Permo- Carboniferous Shajara Formation, Saudi Arabia. SciFed Journal of Biofuel and Bioenergitcs. 2018, 1(2): 1-10.
36. **Khalid Elyas Mohamed Elameen AlKhidir.** Number of Moles Fractal Dimensions for Characterizing Shajara Reservoirs of the Shajara Formation, Saudi Arabia. Petroleum and Chemical Industry International. 2018,1(1):1-6.
37. **Khalid Elyas Mohamed Elameen AlKhidir.** Seismo Electric Transfer Function Fractal Dimension for Characterizing Shajara Reservoirs Of The Permo-Carboniferous Shajara Formation, Saudi Arabia. Petroleum and Chemical Industry International. 2018, 1(1): 1-5.
38. **Khalid Elyas Mohamed Elameen Alkhidir. Ph.D.,** On Similarity of Pressure Head and Bubble pressure Fractal Dimensions for Characterizing Permo-Carboniferous Shajara Formation, Saudi Arabia. Journal of Industrial Pollution and Toxicity. 2018, 1(1). -10
39. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismic Time Fractal Dimension for Characterizing Shajara Reservoirs of the Permo – Carboniferous Shajara Formation, Saudi Arabia. Modern Approaches in Oceanography and Petrochemical Sciences. 2018, 2 (1):1-6.
40. **Khalid Elyas Mohamed Elameen Alkhidir.** Electro kinetic fractal dimension for characterizing Shajara reservoirs of the Shajara Formation. International Journal of Nanotechnology in Medicine & Engineering. 2018, 3(4): 1-7.
41. **Khalid Elyas Mohamed Elameen Alkhidir**. Electric Power Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Current Research in Petroleum and Environmental Biotechnology. 2018 (1): 1-6.
42. **Khalid Elyas Mohamed Elameen Alkhidir**. Resistivity fractal dimension for characterizing shajara reservoirs of the

permocarboniferous shajara formation Saudi Arabia. International Journal of Petrochemical Science & Engineering. 2018, 3(3): 109-112.

43. **Khalid Elyas Mohamed Elameen Alkhidir.** Electric potential gradient fractal dimension for characterizing Shajara Reservoirs of the Permocarboniferous Shajara formation, Saudi Arabia Advances in Petroleum and Chemical Engineering. 2018, 2018(1): 1-6.
44. **Khalid Elyas Mohamed Elameen Alkhidir.** Characterization of the Pemo-Triassic Upper Khuff reservoir central Saudi Arabia: An integrated core plugs, petro fabrics and mercury ingection analysis. Journal of African Earth Sciences. 2018, 145: 284-296.
45. **Khalid Elyas Mohamed Elameen Alkhidir**. Resistivity Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation Saudi Arabia. Recent Advances in Petrochemical Science. 2018 5(2):1-6.
46. **Khalid Elyas Mohamed Elameen AlKhidir**. Seismo electric field fractal dimension for characterizing Shajara reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Academia Journal of Environmental Science. 2018 6(5): 113-120.
47. **Khalid Elyas Mohamed Elameen Alkhidir**. Electro Kinetic Fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. Archives of Oil and Gas Research.2018, 2018 (1): 1-7.
48. **Professor Khalid Elyas Mohamed Elameen AlKhidir.** Seismo Electric Field Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Petroleum & Petrochemical Engineering Journal. 2018, 2(4): 1-7.
49. **Khalid Elyas Mohamed Elameen Alkhidir.** Electric Potential Energy Fractal Dimension for Characterizing Permo-carboniferous Shajara Formation. Expert Opinion on Environmental Biology. 2018, 7(2).
50. **Prof. Khalid Elyas Mohamed Elameen AlKhidir.** Arithmetic relaxation time of induced polarization fractal dimension for characterizing Shajara Reservoirs of the Shajara Formation. Nanoscience and Nanotechnology. 2018, 2 (1): 1-8.
51. **Khalid Elyas Mohamed Elameen Alkhidir. Ph.D**., Geometric relaxation time of induced polarization fractal dimension for characterizing Shajara Reservoirs of the Shajara formation of the PermoCarboniferous Unayzah Group-Permo. International Journal of Petrochemistry and Research. 2018, 2 (1): 105-108.

52. **Khalid Elyas Mohamed Elameen Alkhidir.** Geometric Relaxation Time of Induced Polarization Fractal Dimension For Characterizing Shajara Reservoirs of the Shajara Formation of the Permo-Carboniferous Unayzah Group, Saudi Arabia. SciFed Journal of Petroleum, 2018, 2(1):1, 1-6.
53. **Khalid Elyas Mohamed Elameen Alkhidir**. Pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Shajara Formation of the Permo-Carboniferous Unayzah Group, Saudi Arabia. Archives of Petroleum & Environmental Biotechnology. 2017, 2:1-7.
54. K. Hadj-Kalia, **Khalid E. Al-khidir**, Irfan Wazeer, Lahssen El blidi, Sarwono Mulyono, Inas M. AlNashef. Application of deep eutectic solvents and their individual constituents as surfactants for enhanced oil recoveryMohamed .Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2015, 487:221–231.
55. **K Al-Khidir:** M Benzagouta, A Al-Qurishi, A Al Laboun Integrated Petrophysical Parameters and Petrographic Analysis Characterizing Khartam Reservoirs of the Permo-Triassic Khuff Formation, Saudi Arabia. International Journal of Engineering Research and Applications. Vol. 4, Issue 7(Version 4), July 2014, pp.195-203.
56. **K.E. Al-Khidir**, M.S. Benzagouta. TIGHT CARBONATE RESERVOIR CHARACTERIZATION UDC 622.276© Electronic scientific journal "Oil and Gas Business". 2013. № 2, pp. 206-217
57. Mohammed Said Benzagouta, Inas Muen AlNashef, Wimpy Karnanda, and **Khalid Al-Khidir.** Ionic liquids as novel surfactants for potential use in enhanced oil recovery Korean Journal of Chemical Engineering.2013, 30(11), 2108-2117.
58. **K. E. Al-Khidir** & M. S. Benzagouta & A. A. Al-Qurishi &A. A. AlLaboun. Characterization of heterogeneity of the Shajara reservoirs of the Shajara formation of the Permo-Carboniferous Unayzah group. Arabian journal of Geosciences. 2013, 6:3989–3995.
59. **K. E. Al-Khidir**, A. A. Al-Quraishi ,A. A. Al-Laboun, M. S. Benzagouta. Bimodal pore size behavior of the Shajara Formation Reservoirs of the Permo-Carboniferous Unayzah Group, Saudi Arabia. Journal of Petroleum Exploration and Production Technology. 2011, 1:1–9.

Conferences:

1. **Al-Khidir, K. E**., Al-Laboun, A. A., AlQuraishi, A. A. M. S. Benzagouta. Reservoirs Heterogeneity Characterization of the Shajara Member: Permo-Carboniferous Unayzah Formation. The 2nd Saudi

meeting on Oil and Natural Gas Exploration and production Technologies. Conference Location: KFUPM Campus, Dhahran, Saudi Arabia December 18 - 20, 2010 Conference Date: Saturday, December 18, 2010.

2. **K. E. Al-Khidir,** M. S. Benzagouta, A. A. Al-Quraishi & A. A. AlLaboun. Differential Capacity Fractal Dimension and Water Saturation Fractal Dimension as Parameters for Reservoir Characterization: Shajara Formation of the Permo-Carboniferous Unayzah Group as a Case Study. 10th Meeting of the Saudi Society for Geoscience "Geosciences for Sustainable Development"Conference Location: 15-17 April, 2013 KFUPM Campus, Dhahran, Saudi Arabia.Conference Date: Monday, April 15, 2013.
3. Benzagouta M S1 Wimpy Karnanda, Mohamad Amro, Abdul Rahman A AlQuraishi, Inas M Al Nashef, Emad Abdul Rahman Almushaigeh, Mustafa Kinawy, **Khaled Elyas Alkhidir** and Khiari Abdelkader. Surfactants and other factors input for the control of the reservoir Interfacial Tension (IFT) 2nd World Congress on Petrochemistry and Chemical Engineering.Conference Location: October 27-29, 2014 Embassy Suites Las Vegas, USA. Conference Date: Monday, October 27, 2014.
4. **K.E.Al-Khidir.** Induced Polarization Relaxation Time Fractal Dimension Derived from Capillary pressure data for characterizing Shajara Reservoirs of the shajara Formation of the Permo-carboniferous Unayzah group. The Eleventh International Geological Conference 23 – 25 Rajab 1436 12 – 14 May 2015.Conference Location: Riyadh, Saudi Arabia.Conference Date: Tuesday, May 12, 2015.
5. **Khalid Elyas Mohamed Elameen Alkhidir.** Nuclear Magnetic resonance relaxation Time as a Diagnostic Parameter for Reservoir characterization. International conference on Petrochemical Engineering July 10-12, 2017 at Dubai, UAE. "Exploring Innovations and technologies Dubai, UAE Monday, July 10, 2017. **https://gavinpublishers.com/assets/conference-proceedings-petro-2017/speaker.pdf**
6. **Khalid Al-Khidir.**On the equality of resistivity fractal dimension and geometric relaxation time fractal dimension of induced polarization for characterizing Shajara Reservoirs of the Shajara Formation of the PermoCarboniferous Unayzah Group, Saudi Arabia. International Meeting on Petroleum Engineering 2017 Singapore; November 7-8, 2017.

7. **Khalid Elyas Mohamed Elameen Alkhidir.** Electric power fractal dimension for characterizing Shajara Reservoirs of the Shajara Formation of the Permo-Carboniferous Unayzah Group, Saudi Arabia. International Conference on Inventive Computing Systems and Applications (ICICSA 2018). April 13-14, 2018.
8. **Khalid Elyas Mohamed Elameen Alkhidir.** Electric potential gradient fractal dimensions for characterizing Shajara reservoirs of the Shajara Formation of the Permo-Carboniferous Unayzah Group, Saudi Arabia. 2nd International Conference on Inventive Communication and Computational Technologies .20-21, April 2018.
9. **Khalid Elyas Mohamed Elameen alkhidir.** On the relationship of pore radius and dimensionless capillary fractal dimensions for characterizing Shajara Reservoirs of the Shajara Formation of the Permo-Carboniferous Unayzah Group, Saudi Arabia. ATE&E 23-26/April/2018, Saudi Arabia.
10. **Khalid Elyas Mohamed Elameen Alkhidir.** Flow rate fractal dimension for characterizing Shajara reservoirs of the Shajara Formation, Saudi Arabia. 2nd International Conference on Petrochemistry April 25-27, 2018 | Rome, Italy.
11. **Khalid Elyas Mohamed Elameen Alkhidir.** Work Fractal Dimension for Characterizing Shajara Reservoirs of the Shajara Formation, Saudi Arabia. 3rd World Congress & Expo on Oil, Gas, & Petroleum April 1617, 2018. Dubai, UAE.
12. **Khalid Elyas Mohamed Elameen Alkhidir**. Electro kinetic fractal dimension for characterizing Shajara reservoirs of the Shajara Formation, Saudi Arabia. 2nd World Congress & Expo on Nanotechnology & Materials Science. June 25-27, 2018 | Dubai, UAE.
13. **Khalid Elyas Mohamed Elameen Alkhidir**. Effective grain diameter fractal dimension for characterizing Shajara reservoirs of the Shajara Formation, Saudi Arabia. World Congress on Petrochemistry and Chemical Engineering June 28-30, 2018 | Dubai, UAE
14. **Khalid Elyas Mohamed Elameen Alkhidir**. Seismo electric transfer function fractal dimension for characterizing Shajara reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. World Congress on Petrochemistry and Chemical Engineering. June 28-30, 2018 Dubai, UAE**.**
15. **Khalid Elyas Mohamed Elameen Alkhidir.** Number of moles fractal dimensions for characterizing Shajara reservoirs of the Shajara Formation, SaudiArabia. Petroleum Engineering and Natural Gas Recovery. July 20-21, 2018, Sydeny Australia.

https://www.walshmedicalmedia.com/proceedings/number-of-moles-fractal-dimensions-for-characterizing-shajara-reservoirs-of-the-shajara-formation-saudi-arabia-42835.html

16. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismic time fractal dimension for characterizing Shajara reservoirs of the Permo – carboniferous Shajara Formation, Saudi Arabia. International Field Exploration Development Conference.18-20, September 2018.Shaanxi petroleum Society and Xi'an Shiyou University, China.
17. **Khalid Elyas Mohamed Elameen AlKhidir**. On similarity of differential capacity and capillary pressure fractal dimensions for characterizing Shajara reservoirs of the Shajara Formation, Saudi Arabia. 6th International Conference on Marine Science Coastal Dynamics and Management, September 21-22, 2018 Dallas, Texas, USA **https://d2cax41o7ahm5l.cloudfront.net/cs/pdfs/marine-science-2018-22311-scientific-program37951.pdf**
18. **Khalid Elyas Mohamed Elameen Alkhidir**. Seismo mechanical force fractal dimension for characterizing Shajara reservoirs of the Permocarboniferous Shajara Formation Saudi Arabia. 3rd International Conference and Expo on Petrochemistry & Natural Resources. October 22-23, 2018, Prague. Czech Republic.
19. **Khalid Elyas Mohamed Elameen AlKhidir.** Electric current density fractal dimensions for characterizing Shajara Reservoirs of the Shajara formation, Saudi Arabia. 10th International conference & Expo on Reservoir Engineering for Exterme Oil & Gas Environments Oct 31-Nov 1, 2018 Buenos Aires, Argentina.
20. **Khalid Elyas Mohamed Elameen AlKhidir.** On similarity of differential capacity and capillary pressure fractal dimensions for characterizing Shajara reservoirs of the Shajara Formation, Saudi Arabia. Artificial Intelligence & Robotics 05-07, November 2018, Frankfurt, Germany.
21. **Khalid Elyas Mohamed Elameen AlKhidir.** Seismo mechanical Energy Fractal Dimension for characterizing Shajara reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. 2nd International Oil and Gas Conference 3-5 December, 2018, UAE.
22. **Khalid Elyas Mohamed Elameen Alkhidir**. Seismo electric bio availability fractal dimension for characterizing Shajara reservoirs of the Permo -Carboniferous Shajara Formation, Saudi Arabia. International Conference on Petroleum Engineering Oil and Gas December 06-07,

2018 Dubai, UAE Journal of Industrial and Environmental Chemistry **https://www.alliedacademies.org/proceedings/seismo-electric-bio-availability-fractal-dimension-for-characterizing-shajara-reservoirs-of-the-permo-carboniferous-shaj-3874.html**

23. **Khalid Elyas Mohamed Elameen Alkhidir**. Transverse relaxation time fractal dimension of nuclear magnetic resonance for characterizing Shajara Reservoirs of the Permo – Carboniferous Shajara Formation, Saudi Arabia. 22-24 January 2019. (ICWRAE 8).
24. **Khalid Elyas Mohamed Elameen Alkhidir**. Seismo electric bio availability fractal dimension for characterizing Shajara reservoirs of the Permo – Carboniferous Shajara Formation, Saudi Arabia. 3rd World Congress & Expo on Biotechnology and Bioengineering. March 25-26, 2019 | Dubai, UAE
25. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismo electric field fractal dimension for characterizing Shajara reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. 5th World Congress &
    Expo on Oil, Gas, & Petroleum Engineering. March 28-29, 2019 at Milan, Italy. (WCEOGPE-2019)
26. **Khalid Elyas Mohamed Elameen Alkhidir**. Seismic shear wave velocity fractal dimension for characterizing shajara reservoirs of the permo – carboniferous shajara formation, Saudi Arabia. 4th World Congress on Petroleum and Refinery, May 20-21, 2019, Osaka, Japan.
27. **Khalid Elyas Mohamed Elameen Alkhidir.** On Similarity of Seismo Magnetic Field and Pressure head fractal dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. 2 nd Euro Chemistry Conference, 2019, June 17-19, Spain.
28. **Prof. Khalid Elyas Mohamed Elameen Alkhidir**, Seismo Electric Bio Availability Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation Saudi Arabia. 3rd World Congress and Expo on Biotechnology and Bioengineering, September, 23, 2019, Dubai, UAE.
29. **Prof. Khalid Elyas Mohamed Elameen Alkhidir**, Ph.D. Molar enthalpy fractal dimension for characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. 4th International Conference on Oil, Gas & Petrochemistry, September 23-24, 2019, Pullman Kuala Lumpur Bangsar Malaysia.
30. **Dr. Khalid Elyas Mohamed Elameen Alkhidir.** Seismo radiant energy fractal dimension for characterizing Shajara reservoirs of the

permoCarboniferous Shajara formation Saudi Arabia. 3rd International Conference on Materials Science and Materials Chemistry during October 14-15, 2019 at Vienna, Austria **https://www.openaccessjournals.com/articles/seismo-radiant-energy-fractal-dimension-for-characterizing-shajara-reservoirs-of-the-permocarboniferous-shajara-formatio.pdf**

31. **Prof. Khalid Elyas Mohamed Elameen Alkhidir,Ph.D.** Seismo Magnetic Bioavailability Fractal dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation Saudi Arabia. International Field Exploration and Development conference 16-18 October 2019, Xian, China Paper serial number IFEDC 20194704.
32. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Seismo magnetic moment fractal dimensions for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. World Congress on Oil and Natural Gas, October 24-25, 2019, Valencia, Spain.
33. **Khalid Elyas Mohamed Elameen Alkhidir.** Seismo radial grain velocity fractal dimension for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. Earth Science, Geology, Oil and Gas, December 2-3, 2019, Kuala Lumpur, Malaysia. **https://madridge.org/journal-of-earth-science-and-geology/earth-science-and-oil-gas-2019-accepted-proceedings/2642-1569.a2.008-a012.pdf**
34. **Prof. Khalid Elyas Mohamed Elameen Alkhidir, Ph.D.,** On similarity of volumetric heat capacity and capillary pressure fractal dimensions for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. 6th World Congress & Expo on Oil, Gas & Petroleum Engineering (Oil-Gas-Petroleum-2020) Lisbon, Portugal. OilGas-Petroleum-February 13-14,2020
35. **Khalid Elyas Mohamed Elameen Alkhidir.** Luminous efficacy fractal dimension for characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. 11th International Conference on Biofuel & Bioenergy, Biofuel & Bioenergy 2020 for February 19-20, 2020 in Dubai, UAE. https://www.omicsonline.org/open-access-pdfs/luminous-efficacy-fractal-dimension-for-characterizing-shajara-reservoirs-of-the-permocarboniferous-shajara-formation-sa.pdf
36. **Khalid Elyas Mohamed Elameen Alkhidir.** Entropy Fractal dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous

Shajara Formation, Saudi Arabia. International Conference on Advances in Chemical Engineering & Technology. March 2-3-2020, London, UK.

37. **Khalid Elyas Mohamed Elameen Alkhidir.** On Similarity of Seismo Magentic Field and Pressure Head Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation Saudi Arabia. Valencia, Spain16-18 March 2020
38. **Khalid Elyas Mohamed Elameen Alkhidir**. Specific Enthalpy Fractal dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara Formation, Saudi Arabia. International Conference on PETRO CHEMICAL ENGINEERING AND NATURAL RESOURCES. March 23-24, 2020 | Dubai, UAE
39. **Dr. Khalid Elyas Mohamed Elameen Alkhidir.** On similarity of specific heat capacity and capillary pressure fractal dimensions for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation" Under the session: Oil, Gas, Energy & Mining Engineering at ICASE-2020 International Conference on Applied Science & Engineering held during April 20-21, 2020 at Dubai, UAE.
40. Khalid Elyas Mohamed Elameen Alkhidir. Seismo Magnetic Power Density Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia. World Congress on Earth Sciences, May 11-12, 2020 Paris, France.
41. Dr. **Khalid Elyas Mohamed Elameen Alkhidir.** Frequency Spectral Radiation Fractal Dimension For Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia" under the session Oil & Petroleum Chemistry at GCC -2020. 2nd Global Congress on Chemistry & Catalysis" to be held during June 22-23, 2020 at Osaka, Japan
42. **Dr. Khalid Elyas Mohamed Elameen Alkhidir.** Radiant Power fractal Dimension for Characterizing Shajara Reservoirs of the PermoCarboniferous Shajara formation Saudi Arabia. International Conference on Biofuels and BioenergyJuly 22-23, 2020 London, United Kingdom
43. **Prof. Khalid Elyas Mohamed Elameen alkhidir.** Seismo diffusion coefficient fractal dimension for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation Saudi Arabia. Oil, Gas, Petroleum Engineering **20-21 August 2020 Miami, USA.**
44. **Dr. Khalid Elyas Mohamed Elameen AlKhidir**. On similarity of Compressibility and Capillary Pressure Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara

Formation. 3rd European congress on Material Science & Nanotechnology" during September 24-25, 2020at Paris, France.

45. **Dr. Khalid Elyas Mohamed Elameen Alkhidir** Connected Reservoir Storage Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia **World Congress on Earth** Science and Climate Change" to be held during October 07-08, 2020, Gao, India as Webinar
46. **Professor Khalid Elyas Mohamed Elameen Alkhidir.** Seismo electric current density fractal dimensions for characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia Petrochemistry and Natural Gas October 12-13, 2020 Prague, Czech Republic https://petrochemistry.annualcongress.com/ocm/2020/khalid-elyas-mohamed-elameen-alkhidir-king-saud-university-saudi-arabia
47. **Prof. Doctor Khalid Elyas Mohamed Elameen Alkhidir,Ph.D Equation of** State Molar Volume Fractal dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia 2nd World Congress On Earth Science And Climate Change January 14 - 15, 2021
48. **Khalid Elyas Mohamed Elameen Alkhidir** Equation of State Molar Volume Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia International Webinar on Energy", April 26-27, 2021 https://conferencemind.com/storage/pdf/vEGPUNuV85uwXBjk1uIYOrbB2ZBBLQVr.pdf
49. **Prof. Doctor Khalid Elyas Mohamed Elameen Alkhidir** Normalized Production Rate Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia Chemical Engineering and Catalysis World Forum 2021, May 17-19 UK, London.
50. **Prof. Doctor Khalid Elyas Mohamed Elameen Alkhidir** Luminous Energy Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia Chemical Engineering and Catalysis World Forum 2021, September 6-8, Copenhagen, Denmark.
51. **Prof. Doctor Khalid Elyas Mohamed Elameen Alkhidir** Fluid Natural Energy Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia International conference on green energy material science and recycling 20 21 October Paris, Francs https://www.pulsus.com/scholarly-articles/fluid-natural-

energy-fractal-dimension-for-characterizing-shajara-reservoirs-of-the-permocarboniferous-shajara-formation.pdf

52. **Prof. Doctor Khalid Elyas Mohamed Elameen Alkhidir** hydraulic Conductivity Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia (IPNG 2021) August 23-24
53. **Professor Doctor Khalid Elyas Mohamed Elameen Alkhidir, Ph.D**. Seismo Radiant Exposure Bioavailability Fractal Dimension for Characterizing Shajara Reservoirs of the Permo-Carboniferous Shajara Formation, Saudi Arabia 11th Annual Congress (Nano S&T-2022) will be held in beautiful Barcelona, Spain from July 22-24, 2023

1. Nanoscience and nanotechnology Whioce Publishing
2. petroleum and chemical industry international opast online
3. Current findings in Archaeology and Anthropology
4. Journal of Oil and Gas Research Reviews