

Aref A Lashin

List of Publications by Year in descending order

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110
papers

1,831
citations

346980

22
h-index

388640

36
g-index

112
all docs

112
docs citations

112
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomarker and Carbon Isotope Composition of the Oil Stains from the North Hadramaut High Area of Eastern Yemen: Implications on the Nature of Organic Matter Input and Their Characteristics. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 709-723.	1.7	3
2	Organic matter characteristics and conventional oil potentials of shales from the Early Jurassic Datta Formation in the Upper Indus Basin, Northern Pakistan. <i>Journal of Asian Earth Sciences</i> , 2022, 224, 104975.	1.0	5
3	Implementation of lithofacies and microfacies types on reservoir quality and heterogeneity of the Late Cretaceous Upper Bahariya Member in the Shouk Field, Shoushan Basin, North Western Desert, Egypt. <i>Journal of Asian Earth Sciences</i> , 2022, 224, 105014.	1.0	17
4	Geochemistry and organofacies characteristics of organic-rich chalky marl deposits, northern Jordan: Insights into Type II-S source rock. <i>Journal of Asian Earth Sciences</i> , 2022, 225, 105040.	1.0	3
5	Overview of the Late Jurassic Madbi-Sab'atayn petroleum system in the Marib Concession, northwestern Sab'atayn Basin (Yemen): hydrocarbon from source to trapping. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	2
6	Petrophysics and Flow Zone Indicator evaluation of reservoirs in OKX Field, offshore depobelt, Niger Delta. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	4
7	Geochemistry of organic-rich shales in the Miocene Miadol Formation, Melut Rift Basin, South Sudan: implications for their organic matter input and oil/gas generation potentials. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	1
8	Silica geothermometry and multi indices approach to characterize groundwater from Midyan region in Northwestern Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2022, 192, 104557.	0.9	3
9	Geochemical characteristics of crude oils and basin modelling of the probable source rocks in the Southern Mesopotamian Basin, South Iraq. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107641.	2.1	18
10	Faulting intersections and magma-feeding zones in Tihamat-asir, Southeast red sea rift: Aeromagnetic and structural perspective. <i>Journal of African Earth Sciences</i> , 2021, 173, 104044.	0.9	2
11	Contribution of geothermal resources to the future of renewable energy in Egypt: A case study, Gulf of Suez-Egypt. <i>Renewable Energy</i> , 2021, 167, 248-265.	4.3	8
12	Static Reservoir Modeling of the Eocene Clastic Reservoirs in the Q-Field, Niger Delta, Nigeria. <i>Natural Resources Research</i> , 2021, 30, 1411-1425.	2.2	26
13	Implementation of a Petrographical and Petrophysical Workflow Protocol for Studying the Impact of Heterogeneity on the Rock Typing and Reservoir Quality of Reefal Limestone: A Case Study on the Nullipore Carbonates in the Gulf of Suez. <i>Acta Geologica Sinica</i> , 2021, 95, 1746-1762.	0.8	20
14	Bulk pyrolysis and biomarker fingerprints of Late Cretaceous Galhak Shale Formation in the northern Melut Basin, Sudan: implications on lacustrine oil-source rock. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	3
15	Integrated geochemical characterization and geological modeling of organic matter-rich limestones and oils from Ajeel Oilfield in Mesopotamian Basin, Northern Iraq. <i>Marine and Petroleum Geology</i> , 2021, 126, 104930.	1.5	15
16	Integrated sedimentological and petrophysical characterization for clastic reservoirs: A case study from New Zealand. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103797.	2.1	41
17	Organic geochemical characteristics of Zeit source rock from Red Sea Basin and their contribution to organic matter enrichment and hydrocarbon generation potential. <i>Journal of African Earth Sciences</i> , 2021, 177, 104151.	0.9	18
18	Early mature sulfur-rich oils from the Central Gulf of Suez province: bulk property and geochemical investigations of maltene and asphaltene show source related-type. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1

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19	Disposition of magmatic eruptions and fault distribution in northwestern Saudi Arabia using pseudo-depth slice magnetic anomaly. <i>Journal of Geophysics and Engineering</i> , 2021, 18, 463-481.	0.7	1
20	Hydrothermal properties of sandcrete blocks produced with raw and hydrothermally-treated sawdust as partial substitution materials for sand. <i>Journal of King Saud University, Engineering Sciences</i> , 2021, , .	1.2	5
21	Geochemical and physical properties of oils collected from several wells in the Shabwah depression, Yemen: implications of their characteristic organic matter input and maturity. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
22	Organic geochemistry of oil seeps from the Abu-Jir Fault Zone in the Al-Anbar Governorate, western Iraq: Implications for early-mature sulfur -rich source rock. <i>Journal of Petroleum Science and Engineering</i> , 2020, 184, 106584.	2.1	10
23	Geothermal energy for sustainable water resources management. <i>International Journal of Green Energy</i> , 2020, 17, 1-12.	2.1	10
24	Source rock evaluation and hydrocarbon generation potential of Mid-Late Cretaceous sediments from Mintaq-01 well in the Wadi Hajar of Southern Sabatayn Basin, Yemen. <i>Petroleum Science and Technology</i> , 2020, 38, 216-224.	0.7	0
25	Hydrocarbon Generation Potential of the Organic-Rich Naifa Formation, Sayâ€™unâ€™Masila Rift Basin, Yemen: Insights from Geochemical and Palynofacies Analyses. <i>Natural Resources Research</i> , 2020, 29, 2687-2715.	2.2	6
26	Petrophysical analysis of Upper Qishn Clastic Member Reservoir, Tawila Oilfield, Yemen. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	0
27	Organic geochemistry indicates source-rock characteristics and hydrocarbon potential: A case study from Early Cretaceous Sembar Formation, southern Indus Basin, Pakistan. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	7
28	Rock typing and hydraulic flow units as a successful tool for reservoir characterization of Bentiu-Abu Gabra sequence, Muglad basin, southwest Sudan. <i>Journal of African Earth Sciences</i> , 2020, 171, 103961.	0.9	42
29	Impact of authigenic iron oxides, clay content and grain size on the aquifer quality properties of the Cambrian-Ordovician Wajid Sandstone, southwest Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2020, 172, 104000.	0.9	5
30	Geochemical and organic petrographic characteristics of high bituminous shales from Gurha mine in Rajasthan, NW India. <i>Scientific Reports</i> , 2020, 10, 22108.	1.6	13
31	Geochemistry and oil-gas generation modeling of the Late Cretaceous shales from the Chad (Bornu) Basin, Northeast Nigeria. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 79, 103341.	2.1	3
32	Thermogenic gas generation from organic-rich shales in the southeastern Say'un-Masila Basin, Yemen as demonstrated by geochemistry, organic petrology, and basin modeling. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107322.	2.1	2
33	Evolution of petroleum generation and expulsion of the oil-source rock in the north-western Sayâ€™un-Masilah Basin as inferred from 1D basin models of a single well (Al-Qarn-01). <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	1
34	Oil source rock characteristics of the pelagic carbonates in the Shabwah depression, southeastern Sabatayn Basin, Yemen. <i>Carbonates and Evaporites</i> , 2020, 35, 1.	0.4	3
35	Basin modelling and bulk kinetics of heterogeneous organic-rich Nyalau Formation sediments of the Sarawak Basin, Malaysia. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107595.	2.1	9
36	Organic geochemistry characterization of Late Jurassic bituminous shales and their organofacies and oil generation potential in the Shabwah depression, southeast Sabatayn, Yemen. <i>Journal of Petroleum Science and Engineering</i> , 2020, 188, 106951.	2.1	6

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37	Assessment of groundwater quality in Southern Saudi Arabia: case study of Najran area. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	15
38	Geothermal energy for desalination to secure food security: case study in Djibouti. <i>Energy, Sustainability and Society</i> , 2019, 9, .	1.7	8
39	Organic geochemistry of the Early Cretaceous shales, Saar Formation in the East Shabwah oil fields, onshore Masila Basin of eastern Yemen. <i>Journal of Petroleum Science and Engineering</i> , 2019, 179, 394-409.	2.1	6
40	Geochemical and geological modeling of the Late Jurassic Meem Shale Member in the Al-Jawf sub-basin, Yemen: Implications for regional oil and gas exploration. <i>Marine and Petroleum Geology</i> , 2019, 105, 313-330.	1.5	8
41	Investigating gas resource potentiality from Late Jurassic Madbi Formation in the NW "Say" Un-Masila Basin, Eastern Yemen. <i>Petroleum Science and Technology</i> , 2019, 37, 1355-1362.	0.7	3
42	Late Jurassic Safer Salt Member in the Al-Jawf sub-basin of NW Sabatayn Basin, Yemen: geochemical evaluation of organic-rich oil-source rock potential. <i>Petroleum Science and Technology</i> , 2019, 37, 645-654.	0.7	3
43	Physical and geochemical properties of crude oils in relation to their source rocks, Alif field, Marib Sub-basin, Yemen. <i>Petroleum Science and Technology</i> , 2019, 37, 899-906.	0.7	2
44	Quantitative hydro-geophysical analysis of a complex structural karst aquifer in Eastern Saudi Arabia. <i>Scientific Reports</i> , 2019, 9, 2825.	1.6	7
45	Investigating deep geological reservoirs using seismic reflection and well logs, Tawila oil field, Yemen: Implications for structural setting and reservoir properties. <i>Journal of Petroleum Science and Engineering</i> , 2019, 176, 1018-1040.	2.1	8
46	Strain Analysis and Microstructural Investigation of the Jabal Tays Ophiolite Complex, Eastern Arabian Shield, Saudi Arabia. <i>Geotectonics</i> , 2019, 53, 752-764.	0.2	3
47	Improved oil formation volume factor (B) correlation for volatile oil reservoirs: An integrated non-linear regression and genetic programming approach. <i>Journal of King Saud University, Engineering Sciences</i> , 2018, 30, 398-404.	1.2	5
48	Characterization of a fractured basement reservoir using high-resolution 3D seismic and logging datasets: A case study of the Sabatayn Basin, Yemen. <i>PLoS ONE</i> , 2018, 13, e0206079.	1.1	20
49	Water resource management using geothermal energy: Eritrea. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	3
50	Petrophysical reservoir-rock properties and source-rock characterization of Abu Roash Formation in Wadi El-Rayan oil field, Western Desert, Egypt. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	4
51	Characterization of the Permo-Triassic upper Khuff reservoir, central Saudi Arabia: An integrated core plugs, petro-fabrics and mercury injection analysis. <i>Journal of African Earth Sciences</i> , 2018, 145, 284-296.	0.9	3
52	Geochemical evolution of geothermal fluids around the western Red Sea and East African Rift geothermal provinces. <i>Journal of Asian Earth Sciences</i> , 2018, 164, 292-306.	1.0	8
53	Improved reservoir characterisation using fuzzy logic platform: an integrated petrophysical, seismic structural and poststack inversion study. <i>Exploration Geophysics</i> , 2017, 48, 430-448.	0.5	2
54	Assessing the hydrogeochemical processes affecting groundwater pollution in arid areas using an integration of geochemical equilibrium and multivariate statistical techniques. <i>Environmental Pollution</i> , 2017, 229, 760-770.	3.7	70

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55	An experimental investigation of coupled chemico-mineralogical and mechanical changes in variably-cemented sandstones upon CO ₂ injection in deep saline aquifer environments. <i>Energy</i> , 2017, 133, 404-414.	4.5	17
56	Decomposition of wind speed fluctuations at different time scales. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	5
57	Simulation of the multizones clastic reservoir: A case study of Upper Qishn Clastic Member, Masila Basin, Yemen. <i>Journal of African Earth Sciences</i> , 2017, 130, 252-268.	0.9	11
58	Geochemistry, generation and maturation of the hydrocarbons at Wadi Al-Rayan oil field, Western Desert of Egypt. <i>Petroleum Science and Technology</i> , 2017, 35, 1253-1262.	0.7	3
59	Modeling of a liquid desiccant dehumidification system for close type greenhouse cultivation. <i>Energy</i> , 2017, 118, 578-589.	4.5	28
60	Mechanical behaviour of Australian Strathbogie granite under in-situ stress and temperature conditions: An application to geothermal energy extraction. <i>Geothermics</i> , 2017, 65, 44-59.	1.5	163
61	Desalination of Seawater using Geothermal Energy to Meet Future Fresh Water Demand of Saudi Arabia. <i>Water Resources Management</i> , 2017, 31, 781-792.	1.9	10
62	A fixed point theorem for JS-contraction type mappings with applications to polynomial approximations. <i>Filomat</i> , 2017, 31, 4969-4978.	0.2	4
63	A New Approach for the Approximations of Solutions to a Common Fixed Point Problem in Metric Fixed Point Theory. <i>Journal of Function Spaces</i> , 2016, 2016, 1-5.	0.4	7
64	Analysis of a Solar Cooling System for Climatic Conditions of Five Different Cities of Saudi Arabia. <i>Energies</i> , 2016, 9, 75.	1.6	14
65	Parametric Analysis of a Rotary Type Liquid Desiccant Air Conditioning System. <i>Energies</i> , 2016, 9, 305.	1.6	10
66	Comparison of Wind Energy Generation Using the Maximum Entropy Principle and the Weibull Distribution Function. <i>Energies</i> , 2016, 9, 842.	1.6	5
67	Lyapunov-type inequalities for a fractional p-Laplacian equation. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	0.5	11
68	The potential contribution of geothermal energy to electricity supply in Saudi Arabia. <i>International Journal of Sustainable Energy</i> , 2016, 35, 824-833.	1.3	13
69	Feasibility study of hybrid energy system for off-grid rural electrification in southern Pakistan. <i>Energy Exploration and Exploitation</i> , 2016, 34, 468-482.	1.1	32
70	Geothermal energy potential of eastern desert region, Egypt. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	15
71	pH-dependent probing of levofloxacin assimilated in surfactant mediated assemblies: Insights from photoluminescent and chromatographic measurements. <i>Journal of Molecular Liquids</i> , 2016, 220, 26-32.	2.3	22
72	Suitability of utilizing small horizontal axis wind turbines for off grid loads in eastern region of Saudi Arabia. <i>Energy Exploration and Exploitation</i> , 2016, 34, 449-467.	1.1	8

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73	Redox Mechanism, Antioxidant Activity and Computational Studies of Triazole and Phenol Containing Schiff Bases. <i>Journal of the Electrochemical Society</i> , 2016, 163, H871-H880.	1.3	8
74	Synthesis and electrochemical investigations of piperazines. <i>Electrochimica Acta</i> , 2016, 220, 705-711.	2.6	17
75	pH and Temperature Responsive Electrooxidation and Antioxidant Activity of Indole-3-Carbaldehyde. <i>Journal of the Electrochemical Society</i> , 2016, 163, H690-H696.	1.3	5
76	An integrated geophysical study for inferring the subsurface setting of water-bearing aquifers: case study at Wadi al-Dawasir area, Saudi Arabia. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	4
77	Characterization of the Qishn sandstone reservoir, Masila Basin—Yemen, using an integrated petrophysical and seismic structural approach. <i>Journal of African Earth Sciences</i> , 2016, 115, 121-142.	0.9	19
78	Investigation of mud density and weighting materials effect on drilling fluid filter cake properties and formation damage. <i>Journal of African Earth Sciences</i> , 2016, 117, 345-357.	0.9	73
79	pH and Temperature Responsive Electrooxidation of Thiazole Derivatives and Preliminary Screening of Their Antioxidant Activity. <i>Journal of the Electrochemical Society</i> , 2016, 163, H350-H358.	1.3	5
80	Development of surfactant based electrochemical sensor for the trace level detection of mercury. <i>Electrochimica Acta</i> , 2016, 190, 1007-1014.	2.6	47
81	Petrophysical Evaluation of the Tensleep Sandstone Formation Using Well Logs and Limited Core Data at Teapot Dome, Powder River Basin, Wyoming, USA. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 223-247.	1.1	5
82	Performance evaluation of cup-anemometers and wind speed characteristics analysis. <i>Renewable Energy</i> , 2016, 86, 733-744.	4.3	23
83	Feng-Liu type fixed point results for multivalued mappings on JS-metric spaces. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 3892-3897.	0.4	9
84	Climate Change Mitigation Strategy through Utilization of Geothermal Energy Resources from Western Arabian Shield, Saudi Arabia. <i>Journal of Climate Change</i> , 2015, 1, 129-134.	0.2	3
85	Thermo-mechanical properties of Bundelkhand granite near Jhansi, India. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2015, 1, 35-53.	1.3	40
86	Current opinions on foam-based hydro-fracturing in deep geological reservoirs. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2015, 1, 121-134.	1.3	97
87	Geothermal energy resources of Jizan, SW Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2015, 109, 55-67.	0.9	25
88	CO ₂ -induced mechanical behaviour of Hawkesbury sandstone in the Gosford basin: An experimental study. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 641, 123-137.	2.6	81
89	pH and temperature responsive redox behavior of biologically important aniline derivatives. <i>RSC Advances</i> , 2015, 5, 64617-64625.	1.7	5
90	Physico-chemical characteristics of Jharkhand and West Bengal thermal springs along SONATA mega lineament, India. <i>Journal of Earth System Science</i> , 2015, 124, 419-430.	0.6	26

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91	Non-linear stress-strain behaviour of reservoir rock under brine saturation: An experimental study. Measurement: Journal of the International Measurement Confederation, 2015, 71, 56-72.	2.5	23
92	The potential of high heat generating granites as EGS source to generate power and reduce CO ₂ emissions, western Arabian shield, Saudi Arabia. Journal of African Earth Sciences, 2015, 112, 213-233.	0.9	15
93	Groundwater Characteristics and Pollution Assessment Using Integrated Hydrochemical Investigations GIS and Multivariate Geostatistical Techniques in Arid Areas. Water Resources Management, 2015, 29, 5593-5612.	1.9	36
94	Evolution of geothermal systems around the Red Sea. Environmental Earth Sciences, 2015, 73, 4215-4236.	1.3	20
95	Petrophysical and Electrofacies Analysis of Nullipore Reservoir, Ras Fanar Field, Gulf of Suez-Egypt. Petroleum Science and Technology, 2014, 32, 1851-1860.	0.7	7
96	Petrophysical, seismic structural and facies analysis of the Miocene reservoirs of East Morgan oil field, Gulf of Suez, Egypt. Arabian Journal of Geosciences, 2014, 7, 3481-3504.	0.6	14
97	Geothermal energy potential of southwestern of Saudi Arabia "exploration and possible power generation": A case study at Al Khouba area " Jizan. Renewable and Sustainable Energy Reviews, 2014, 30, 771-789.	8.2	52
98	CO ₂ mitigation strategy through geothermal energy, Saudi Arabia. Renewable and Sustainable Energy Reviews, 2014, 38, 154-163.	8.2	30
99	Geothermal energy resources of wadi Al-Lith, Saudi Arabia. Journal of African Earth Sciences, 2014, 97, 357-367.	0.9	38
100	A new evaluation of seismic hazard for the northwestern part of Saudi Arabia. Natural Hazards, 2013, 69, 1435-1457.	1.6	22
101	Reservoir parameters determination using artificial neural networks: Ras Fanar field, Gulf of Suez, Egypt. Arabian Journal of Geosciences, 2013, 6, 2789-2806.	0.6	17
102	A preliminary study on the potential of the geothermal resources around the Gulf of Suez, Egypt. Arabian Journal of Geosciences, 2013, 6, 2807-2828.	0.6	35
103	Geothermal power potential at the western coastal part of Saudi Arabia. Renewable and Sustainable Energy Reviews, 2013, 26, 668-684.	8.2	39
104	The geothermal potential of Jizan area, Southwestern parts of Saudi Arabia. International Journal of Physical Sciences, 2012, 7, .	0.1	1
105	An analysis of wind power potential in Port Said, Egypt. Renewable and Sustainable Energy Reviews, 2012, 16, 6660-6667.	8.2	37
106	Total Organic Carbon Enrichment and Source Rock Evaluation of the Lower Miocene Rocks Based on Well Logs: October Oil Field, Gulf of Suez-Egypt. International Journal of Geosciences, 2012, 03, 683-695.	0.2	7
107	Analysis of well log and pressure data of the gas-bearing sand reservoirs of Kafr El-Sheikh formation: Case study from the off-shore Nile Delta-Egypt. International Journal of Physical Sciences, 2012, 7, .	0.1	16
108	Evaluation of the ASL and Hawara formations using seismic- and log-derived properties, October Oil Field, Gulf of Suez, Egypt. Arabian Journal of Geosciences, 2011, 4, 365-383.	0.6	18

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109	Structural and basin evolution in Miocene time, southwestern Gulf of Suez, Egypt. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2009, 251, 331-353.	0.2	25
110	The origins of paraffinic oils collected from oilfields in the western Siberian Basin, Russia: implications from geochemical and physical characteristics. Journal of Petroleum Exploration and Production, 0, , 1.	1.2	1