

Faisal K Zaidi

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,226
citations

535685

17
h-index

425179

34
g-index

52
all docs

52
docs citations

52
times ranked

1247
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hydrochemical characterization of geothermal and non-geothermal waters from Wadi Fatima, western Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2022, 34, 101717. | 1.6 | 6 |
| 2 | Field and remote sensing studies of the eastern Arabian Shield: implications for base and precious metals prospectively of the Ar Rayn terrane. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1. | 0.6 | 1 |
| 3 | 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 |
| 4 | Geostatistical and pollution index-based approach for assessing heavy metal pollution in the Cambro-Ordovician Saq Aquifer in Central Saudi Arabia. <i>Environmental Earth Sciences</i> , 2022, 81, . | 1.3 | 3 |
| 5 | Evaluation of hydrocarbon source rock potential: Deep marine shales of Belaga Formation of Late Cretaceous-Late Eocene, Sarawak, Malaysia. <i>Journal of King Saud University - Science</i> , 2021, 33, 101268. | 1.6 | 14 |
| 6 | Spatiotemporal Assessment of Air Quality and Heat Island Effect Due to Industrial Activities and Urbanization in Southern Riyadh, Saudi Arabia. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2107. | 1.3 | 5 |
| 7 | Evaluation of heavy metal contamination and groundwater quality along the Red Sea coast, southern Saudi Arabia. <i>Marine Pollution Bulletin</i> , 2021, 163, 111975. | 2.3 | 64 |
| 8 | Physio-chemical properties of groundwater and their environmental hazardous impact: Case study of Southwestern Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2021, 33, 101292. | 1.6 | 4 |
| 9 | Red Sea faulting and salt diapirism as a potential geotechnical hazard in Jazan, southwest Saudi Arabia: inferences from gravity data. <i>Natural Hazards</i> , 2021, 108, 2613-2628. | 1.6 | 1 |
| 10 | Evolution of the Al Amar-Idsas suture, eastern Arabian Shield: a strain analysis perspective. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1. | 0.6 | 1 |
| 11 | Structural Setting and Kinematic Analysis of the Halaban Region, Eastern Arabian Shield, Saudi Arabia. <i>Acta Geologica Sinica</i> , 2021, 95, 750-760. | 0.8 | 1 |
| 12 | Damage Assessment of a Salt Dome in Jizan, Southwestern Saudi Arabia, Using High Spatial Resolution Remote Sensing Data. <i>Frontiers in Earth Science</i> , 2021, 9, . | 0.8 | 2 |
| 13 | Aseismic and seismic impact on development of soft-sediment deformation structures in deep-marine sand-shaly Crocker fan in Sabah, NW Borneo. <i>Journal of King Saud University - Science</i> , 2021, 33, 101522. | 1.6 | 5 |
| 14 | Hydrochemical assessment of groundwater in mesozoic sedimentary aquifers in an arid region: a case study from Wadi Nisah in Central Saudi Arabia. <i>Environmental Earth Sciences</i> , 2020, 79, 1. | 1.3 | 10 |
| 15 | 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 |
| 16 | An analysis of a moderate earthquake, eastern flank of the Red Sea, Saudi Arabia. <i>Earth, Planets and Space</i> , 2020, 72, . | 0.9 | 6 |
| 17 | Groundwater resource management based on three-dimensional flow modeling of Wadi Baysh aquifer system: southwestern Saudi Arabia. <i>Environmental Earth Sciences</i> , 2019, 78, 1. | 1.3 | 2 |
| 18 | Assessment of hydrological processes operating in a multi-layered sedimentary aquifer system in Saudi Arabia using integrated chemical and statistical approach. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 460. | 1.3 | 9 |

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|----|---|-----|-----------|
| 19 | Integrated geophysical and hydrochemical investigations for seawater intrusion: a case study in southwestern Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1. | 0.6 | 22 |
| 20 | Integration of hydrochemical, GIS, and remote-sensing data for assessment of shallow groundwater aquifers in Wadi Nisah, Central Saudi Arabia. <i>Environmental Earth Sciences</i> , 2019, 78, 1. | 1.3 | 10 |
| 21 | Assessment of artificial groundwater recharge potential through estimation of permeability values from infiltration and aquifer tests in unconsolidated alluvial formations in coastal areas. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 31. | 1.3 | 20 |
| 22 | Hydrochemical classification and multivariate statistical analysis of groundwater from Wadi Sahba area in central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1. | 0.6 | 8 |
| 23 | Groundwater pollution risk mapping using modified DRASTIC model in parts of Hail region of Saudi Arabia. <i>Environmental Engineering Research</i> , 2018, 23, 84-91. | 1.5 | 28 |
| 24 | Hydrochemical assessment of groundwater from shallow aquifers in parts of Wadi Al Hamad, Madinah, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1. | 0.6 | 7 |
| 25 | The 23 January 2014 Jizan earthquake and its tectonic implications in southwestern Saudi Arabia. <i>Tectonophysics</i> , 2017, 712-713, 494-502. | 0.9 | 12 |
| 26 | Hydrochemical characteristics and evaluation of the granite aquifer in the Alwadeen area, southwest Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1. | 0.6 | 14 |
| 27 | Groundwater management scenarios for the Biyadh-Wasia aquifer systems in the eastern part of Riyadh region, Saudi Arabia. <i>Journal of the Geological Society of India</i> , 2017, 89, 669-674. | 0.5 | 5 |
| 28 | Factors influencing the major ion chemistry in the Tihama coastal plain of southern Saudi Arabia: evidences from hydrochemical facies analyses and ionic relationships. <i>Environmental Earth Sciences</i> , 2017, 76, 1. | 1.3 | 23 |
| 29 | Environmental assessment of soil, groundwater, and surface water quality in the south of the Riyadh, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1. | 0.6 | 4 |
| 30 | Evaluation of groundwater chemistry and its impact on drinking and irrigation water quality in the eastern part of the Central Arabian graben and trough system, Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2016, 120, 208-219. | 0.9 | 48 |
| 31 | Group velocity dispersion analysis in northern Peninsular Malaysia. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1. | 0.6 | 2 |
| 32 | Evaluation of metals that are potentially toxic to agricultural surface soils, using statistical analysis, in northwestern Saudi Arabia. <i>Environmental Earth Sciences</i> , 2016, 75, 1. | 1.3 | 4 |
| 33 | Hydrochemical processes governing groundwater quality of sedimentary aquifers in Central Saudi Arabia and its environmental implications. <i>Environmental Earth Sciences</i> , 2015, 74, 1555-1568. | 1.3 | 17 |
| 34 | Hydrogeological vulnerability and pollution risk mapping of the Saq and overlying aquifers using the DRASTIC model and GIS techniques, NW Saudi Arabia. <i>Environmental Earth Sciences</i> , 2015, 74, 1303-1318. | 1.3 | 43 |
| 35 | Morphometric analysis of the Scoria Cones and drainage pattern for the Quaternary and older Volcanic Fields in parts of the Large Igneous Province (LIP), Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2015, 110, 1-13. | 0.9 | 17 |
| 36 | Identification of potential artificial groundwater recharge zones in Northwestern Saudi Arabia using GIS and Boolean logic. <i>Journal of African Earth Sciences</i> , 2015, 111, 156-169. | 0.9 | 84 |

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|----|--|-----|-----------|
| 37 | Evaluation of groundwater quality in northern Saudi Arabia using multivariate analysis and stochastic statistics. <i>Environmental Earth Sciences</i> , 2015, 74, 7769-7782. | 1.3 | 19 |
| 38 | Factors Governing Groundwater Chemistry in Paleozoic Sedimentary Aquifers in an Arid Environment: A Case Study from Hail Province in Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 1977-1985. | 1.1 | 17 |
| 39 | Reverse ion exchange as a major process controlling the groundwater chemistry in an arid environment: a case study from northwestern Saudi Arabia. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 607. | 1.3 | 140 |
| 40 | Evaluation of groundwater quality in an evaporation dominant arid environment; a case study from Al Asyah area in Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2015, 8, 6237-6247. | 0.6 | 35 |
| 41 | A combined hydrochemical-statistical analysis of Saq aquifer, northwestern part of the Kingdom of Saudi Arabia. <i>Geosciences Journal</i> , 2015, 19, 145-155. | 0.6 | 14 |
| 42 | A pragmatic approach to study the groundwater quality suitability for domestic and agricultural usage, Saq aquifer, northwest of Saudi Arabia. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4655-4667. | 1.3 | 74 |
| 43 | Structural analysis for metavolcanics and their metapyroclastics at gold deposit of the Mahd Ad Dahab area, Arabian Shield, Saudi Arabia. <i>Geology of Ore Deposits</i> , 2013, 55, 482-493. | 0.2 | 2 |
| 44 | Use of electrical resistivity tomography in delineating zones of groundwater potential in arid regions: a case study from Diriyah region of Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2012, 5, 327-333. | 0.6 | 29 |
| 45 | A conceptual hydrodynamic model of a geological discontinuity in hard rock aquifers: Example of a quartz reef in granitic terrain in South India. <i>Journal of Hydrology</i> , 2011, 405, 474-487. | 2.3 | 85 |
| 46 | Drainage basin morphometry for identifying zones for artificial recharge: A case study from the Gagas River Basin, India. <i>Journal of the Geological Society of India</i> , 2011, 77, 160-166. | 0.5 | 23 |
| 47 | Upscaling of Slug Test Hydraulic Conductivity Using Discrete Fracture Network Modelling in Granitic Aquifers. , 2008, , 123-133. | | 1 |
| 48 | Water Budgeting and Construction of Future Scenarios for Prediction and Management of Ground Water under Stressed Condition. , 2008, , 142-149. | | 0 |
| 49 | Analyses of Aquifer Parameters from Different Hydraulic Tests and Their Scale Effect. , 2008, , 112-122. | | 0 |
| 50 | Optimizing a piezometric network in the estimation of the groundwater budget: a case study from a crystalline-rock watershed in southern India. <i>Hydrogeology Journal</i> , 2007, 15, 1131-1145. | 0.9 | 25 |
| 51 | Combined estimation of specific yield and natural recharge in a semi-arid groundwater basin with irrigated agriculture. <i>Journal of Hydrology</i> , 2006, 329, 281-293. | 2.3 | 235 |
| 52 | Natural hazards in Saudi Arabia. , 0, , 243-251. | | 7 |