

# Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1953739/publications.pdf>

Version: 2024-02-01

20  
papers

254  
citations

1163117

8  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

199  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The influence of carbonate textures and rock composition on durability cycles and geomechanical aspects of carbonate rocks. <i>Acta Geotechnica</i> , 2023, 18, 105-125.  | 5.7 | 14        |
| 2  | Liquefaction hazards mapping along RḌud SḌua coast, JḌuddah city, Kingdom of Saudi Arabia. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 144, 106682.   | 3.8 | 2         |
| 3  | Determination of the geomechanical and chemical properties of carbonate rocks along Najran, Sharourah District, Saudi Arabia: implications for construction and industrial purposes. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.   | 1.3 | 6         |
| 4  | Assessment of the reuse of Covid-19 healthy personal protective materials in enhancing geotechnical properties of Najran's soil for road construction: Numerical and experimental study. <i>Journal of Cleaner Production</i> , 2021, 320, 128772.                                      | 9.3 | 15        |
| 5  | Influence of composition on the physico-mechanical properties of granitic rocks used in floor covering and building cladding in Najran Region, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.   | 1.3 | 2         |
| 6  | Determination of the Geotechnical Parameters of Soils Behavior for Safe Future Urban Development, Najran Area, Saudi Arabia: Implications for Settlements Mitigation. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 695-712.   | 1.7 | 9         |
| 7  | The Influence of the Physical and Mechanical Properties on the Abrasion Rate of Rocks Along Idfo-Marsa Alam, Eastern Desert, Egypt. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 1567-1577.   | 1.7 | 7         |
| 8  | Acoustic and strength characterization of Upper Cretaceous dolostones from the Bahariya Oasis, Western Desert, Egypt: The impact of porosity and diagenesis. <i>Journal of Petroleum Science and Engineering</i> , 2020, 187, 106798.   | 4.2 | 14        |
| 9  | Environmental Analysis of Land Use and Land Change of Najran City: GIS and Remote Sensing. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8803-8816.  | 3.0 | 13        |
| 10 | Enhancement of the Geotechnical Properties of Soils Using Marble and Lime Powders, Guelma City, Algeria. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 5649-5665.  | 1.7 | 11        |
| 11 | Using Remote Sensing and GIS Techniques in Monitoring and Mitigation of Geohazards in Najran Region, Saudi Arabia. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 3673-3700.  | 1.7 | 8         |
| 12 | Slope Stability Analysis of a Rock Cut in a Residential Area, Madinah, Saudi Arabia: A Case Study. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 1765-1778.  | 1.7 | 4         |
| 13 | Implications of increasing the ferruginous cement on the physical and mechanical properties of the Cambro-Ordovician Wajid Sandstone in southwest Saudi Arabia: applications for construction purposes. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 817-836. | 3.5 | 17        |
| 14 | Impacts of the petrophysical and diagenetic aspects on the geomechanical properties of the dolomitic sequence of Gebel El-Halal, Sinai, Egypt. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 2627-2640.  | 3.5 | 23        |
| 15 | Effects of diagenesis on the geomechanical and petrophysical aspects of the Jurassic Bir El-Maghara and Masajid carbonates in Gebel El-Maghara, North Sinai, Egypt. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 5409-5429.                                   | 3.5 | 8         |
| 16 | Geotechnical Mapping of Najran Soils for Safe Urban Expansion, Najran Region, Saudi Arabia. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 2003-2020.   | 1.7 | 5         |
| 17 | Identification and characterization of near surface cavities in Tuwaiq Mountain Limestone, Riyadh, KSA, â€œdetection and treatmentâ€. <i>Egyptian Journal of Petroleum</i> , 2017, 26, 215-223.  | 2.6 | 17        |
| 18 | Improvement of geotechnical properties of sabkha soil utilizing cement kiln dust. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017, 9, 749-760.   | 8.1 | 67        |

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|----|---|-----|-----------|
| 19 | Assessment of physicochemical parameters in the Lower Red Unit (LRU) of the Wajid Sandstone, Bir Askar, Najran, Saudi Arabia. Egyptian Journal of Petroleum, 2017, 26, 565-578. | 2.6 | 4         |
| 20 | Estimation of Durability Aspects of Al Masjid Al-Haram Marble, Makkah City, Saudi Arabia. Geotechnical and Geological Engineering, 2017, 35, 2763-2779.                         | 1.7 | 8         |