

Nassir Al Arifi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1342253/nassir-al-arifi-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

913
citations

19
h-index

25
g-index

68
ext. papers

1,125
ext. citations

3.6
avg, IF

4.42
L-index

#	Paper	IF	Citations
65	Geothermal energy for sustainable water resources management. <i>International Journal of Green Energy</i> , 2020 , 17, 1-12	3	4
64	Geophysical constraints on a modified crust below the Rayn Anticlines, Eastern Saudi Arabia. <i>Journal of Asian Earth Sciences</i> , 2020 , 188, 104105	2.8	1
63	Tomographic Images of Magma Chambers Beneath the Avacha and Koryaksky Volcanoes in Kamchatka. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 9694-9713	3.6	15
62	Probabilistic seismic hazard analysis using the logic tree approach [Patna district (India)]. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 2097-2115	3.9	9
61	Geothermal energy for desalination to secure food security: case study in Djibouti. <i>Energy, Sustainability and Society</i> , 2019 , 9,	3.9	1
60	Unrest of the Udina volcano in Kamchatka inferred from the analysis of seismicity and seismic tomography. <i>Journal of Volcanology and Geothermal Research</i> , 2019 , 379, 45-59	2.8	16
59	Random Coupled Hilfer and Hadamard Fractional Differential Systems in Generalized Banach Spaces. <i>Mathematics</i> , 2019 , 7, 285	2.3	8
58	Fault-Associated Magma Conduits Beneath Volcā de Colima Revealed by Seismic Velocity and Attenuation Tomography Studies. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 8908-8923	3.6	7
57	On the efficient acquisition and holistic analysis of Rayleigh waves: Technical aspects and two comparative case studies. <i>Soil Dynamics and Earthquake Engineering</i> , 2019 , 125, 105742	3.5	5
56	Rupture characteristics of a small-sized earthquake (MW 4.2), onshore the south Red Sea, Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2019 , 151, 315-323	2.2	1
55	Collisional Processes in the Crust of the Northern Tien Shan Inferred From Velocity and Attenuation Tomography Studies. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 1752-1769	3.6	19
54	Strength and elastic thickness variations in the Arabian Plate: A combination of temperature, composition and strain rates of the lithosphere. <i>Tectonophysics</i> , 2018 , 746, 398-411	3.1	5
53	Diverse Continental Subduction Scenarios Along the Arabia-Eurasia Collision Zone. <i>Geophysical Research Letters</i> , 2018 , 45, 6898-6906	4.9	11
52	Seismic site classification and amplification of shallow bedrock sites. <i>PLoS ONE</i> , 2018 , 13, e0208226	3.7	2
51	Density structure and isostasy of the lithosphere in Egypt and their relation to seismicity. <i>Solid Earth</i> , 2018 , 9, 833-846	3.3	7
50	Water resource management using geothermal energy: Eritrea. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	1
49	Desalination of Seawater Using Geothermal Energy for Food and Water Security: Arab and Sub-Saharan Countries 2018 , 177-224		8

48	Improved reservoir characterisation using fuzzy logic platform: an integrated petrophysical, seismic structural and poststack inversion study. <i>Exploration Geophysics</i> , 2017 , 48, 430-448	1	2
47	Region-specific deterministic and probabilistic seismic hazard analysis of Kanpur city. <i>Journal of Earth System Science</i> , 2017 , 126, 1	1.8	11
46	Breathing of the Nevado del Ruiz volcano reservoir, Colombia, inferred from repeated seismic tomography. <i>Scientific Reports</i> , 2017 , 7, 46094	4.9	31
45	Three different types of plumbing system beneath the neighboring active volcanoes of Tolbachik, Bezymianny, and Klyuchevskoy in Kamchatka. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 3852-3874	3.6	32
44	Soil void ratio correlation with shear wave velocities and SPT N values for Indo-Gangetic basin. <i>Journal of the Geological Society of India</i> , 2017 , 89, 398-406	1.3	3
43	Seismic risk assessment at the proposed site of Gemsa wind power station, southwestern coast of Gulf of Suez, Egypt. <i>Journal of the Geological Society of India</i> , 2017 , 89, 192-196	1.3	6
42	Pathways of volatile migration in the crust beneath Harrat Lunayyir (Saudi Arabia) during the unrest in 2009 revealed by attenuation tomography. <i>Journal of Volcanology and Geothermal Research</i> , 2017 , 330, 1-13	2.8	4
41	Selection of representative shear modulus reduction and damping curves for rock, gravel and sand sites from the KiK-Net downhole array. <i>Natural Hazards</i> , 2017 , 88, 1741-1768	3	12
40	Modeling of a liquid desiccant dehumidification system for close type greenhouse cultivation. <i>Energy</i> , 2017 , 118, 578-589	7.9	18
39	Importance of the Decompensative Correction of the Gravity Field for Study of the Upper Crust: Application to the Arabian Plate and Surroundings. <i>Pure and Applied Geophysics</i> , 2017 , 174, 349-358	2.2	9
38	Possible sources of hydrothermal activity and mud volcanism in southern Sakhalin inferred from local earthquake seismic tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 1943-1958	3.6	3
37	Structure of Volatile Conduits beneath Gorely Volcano (Kamchatka) Revealed by Local Earthquake Tomography. <i>Geosciences (Switzerland)</i> , 2017 , 7, 111	2.7	17
36	Seismic structure beneath the Gulf of Aqaba and adjacent areas based on the tomographic inversion of regional earthquake data. <i>Solid Earth</i> , 2016 , 7, 965-978	3.3	11
35	Three-dimensional density model of the upper mantle in the Middle East: Interaction of diverse tectonic processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 5349-5364	3.6	22
34	3D density model of the upper mantle of Asia based on inversion of gravity and seismic tomography data. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 4457-4477	3.6	28
33	The feeder system of the Toba supervolcano from the slab to the shallow reservoir. <i>Nature Communications</i> , 2016 , 7, 12228	17.4	32
32	Correlation of densities with shear wave velocities and SPTN values. <i>Journal of Geophysics and Engineering</i> , 2016 , 13, 320-341	1.3	31
31	Evidence for anomalous mantle upwelling beneath the Arabian Platform from travel time tomography inversion. <i>Tectonophysics</i> , 2016 , 667, 176-188	3.1	20

30	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	3.9	3
29	Crustal and uppermost mantle structure beneath the continental rifting area of the Gulf of Suez from earthquake tomography. <i>Tectonophysics</i> , 2016 , 668-669, 92-104	3.1	12
28	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	2.9	3
27	Development of surfactant based electrochemical sensor for the trace level detection of mercury. <i>Electrochimica Acta</i> , 2016 , 190, 1007-1014	6.7	37
26	Seismic structure of the crust and uppermost mantle beneath Caucasus based on regional earthquake tomography. <i>Journal of Asian Earth Sciences</i> , 2016 , 119, 87-99	2.8	16
25	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	0.8	6
24	Analysis of a Solar Cooling System for Climatic Conditions of Five Different Cities of Saudi Arabia. <i>Energies</i> , 2016 , 9, 75	3.1	12
23	Application of repeated passive source travel time tomography to reveal weak velocity changes related to the 2011 Tohoku-Oki Mw 9.0 earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 4408-4426	3.6	8
22	Lyapunov-type inequalities for a fractional p-Laplacian equation. <i>Journal of Inequalities and Applications</i> , 2016 , 2016,	2.1	6
21	The potential contribution of geothermal energy to electricity supply in Saudi Arabia. <i>International Journal of Sustainable Energy</i> , 2016 , 35, 824-833	2.7	7
20	Isostatic Model and Isostatic Gravity Anomalies of the Arabian Plate and Surroundings. <i>Pure and Applied Geophysics</i> , 2016 , 173, 1211-1221	2.2	24
19	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	6	13
18	Structure of magma reservoirs beneath Merapi and surrounding volcanic centers of Central Java modeled from ambient noise tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 4195-4211	3.6	16
17	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	2.9	30
16	pH and temperature responsive redox behavior of biologically important aniline derivatives. <i>RSC Advances</i> , 2015 , 5, 64617-64625	3.7	5
15	Effective elastic thickness of the Arabian plate: Weak shield versus strong platform. <i>Geophysical Research Letters</i> , 2015 , 42, 3298-3304	4.9	30
14	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	1.8	11
13	Seismic intensity map of South India for estimated future earthquakes. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 9365-9371	1.8	2

12	Structural cause of a missed eruption in the Harrat Lunayyir basaltic field (Saudi Arabia) in 2009. <i>Geology</i> , 2015 , 43, 395-398	5	22
11	Anisotropic tomography of Hokkaido reveals delamination-induced flow above a subducting slab. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 3219-3239	3.6	19
10	Maximum magnitude estimation considering the regional rupture character. <i>Journal of Seismology</i> , 2015 , 19, 695-719	1.5	19
9	Groundwater Characteristics and Pollution Assessment Using Integrated Hydrochemical Investigations GIS and Multivariate Geostatistical Techniques in Arid Areas. <i>Water Resources Management</i> , 2015 , 29, 5593-5612	3.7	31
8	A combined hydrochemical-statistical analysis of Saq aquifer, northwestern part of the Kingdom of Saudi Arabia. <i>Geosciences Journal</i> , 2015 , 19, 145-155	1.4	9
7	Three-dimensional seismic anisotropy in the crust and uppermost mantle beneath the Taiwan area revealed by passive source tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 7814-7829	3.6	10
6	Study the urban soils contamination by heavy metals for selected industrial locations in the Greater Toronto area, Canada, using multivariate statistical analysis. <i>Geologia Croatica</i> , 2015 , 68, 147-159	1.9	7
5	Geothermal energy potential of southwestern of Saudi Arabia "exploration and possible power generation": A case study at Al Khouba area Jazan. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 30, 771-789	16.2	35
4	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, 4653-4671	3.1	46
3	Groundwater contamination assessment in Al-Quwaybiya area of central Saudi Arabia using transient electromagnetic and 2D electrical resistivity tomography. <i>Environmental Earth Sciences</i> , 2014 , 71, 827-835	2.9	17
2	Geothermal power potential at the western coastal part of Saudi Arabia. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 26, 668-684	16.2	27
1	Evaluation of the ASL and Hawara formations using seismic- and log-derived properties, October Oil Field, Gulf of Suez, Egypt. <i>Arabian Journal of Geosciences</i> , 2011 , 4, 365-383	1.8	16