

Abd el-aziz Khairy Abd el-aal

List of Publications by Year in descending order

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42
papers

375
citations

759233

12
h-index

888059

17
g-index

45
all docs

45
docs citations

45
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground motion prediction from nearest seismogenic zones in and around Greater Cairo Area, Egypt. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 1495-1511.	3.6	35
2	Modelling of seismic hazard at the northeastern part of greater Cairo metropolitan area, Egypt. <i>Journal of Geophysics and Engineering</i> , 2010, 7, 75-90.	1.4	30
3	Simulating time-histories and pseudo-spectral accelerations from the 1992 Cairo earthquake at the proposed El-Fayoum New City Site, Egypt. <i>Acta Geophysica</i> , 2008, 56, 1025-1042.	2.0	22
4	Seismological aspects of the 27 June 2015 Gulf of Aqaba earthquake and its sequence of aftershocks. <i>Journal of Seismology</i> , 2016, 20, 935-952.	1.3	21
5	Fundamental site frequency estimation at New Domiat city, Egypt. <i>Arabian Journal of Geosciences</i> , 2012, 5, 653-661.	1.3	17
6	Very broadband seismic background noise analysis of permanent good vaulted seismic stations. <i>Journal of Seismology</i> , 2013, 17, 223-237.	1.3	17
7	Probabilistic and stochastic seismic hazard assessment for wind turbine tower sites in Zafarana Wind Farm, Gulf of Suez, Egypt. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 1225-1241.	3.5	17
8	Moment tensor inversion of small-to-moderate size local earthquakes in Egypt. <i>Journal of African Earth Sciences</i> , 2019, 151, 153-172.	2.0	16
9	New Seismic Noise Models Obtained Using Very Broadband Stations. <i>Pure and Applied Geophysics</i> , 2013, 170, 1849-1857.	1.9	15
10	Earthquake source characterization, moment tensor solutions, and stress field of small-moderate earthquakes occurred in the northern Red Sea Triple Junction. <i>Geosciences Journal</i> , 2017, 21, 235-251.	1.2	15
11	Characteristics of Earthquakes Recorded Around the High Dam Lake with Comparison to Natural Earthquakes Using Waveform Inversion and Source Spectra. <i>Pure and Applied Geophysics</i> , 2020, 177, 3667-3695.	1.9	14
12	Deterministic and probabilistic seismic hazard analysis for Gwadar City, Pakistan. <i>Arabian Journal of Geosciences</i> , 2013, 6, 3481-3492.	1.3	12
13	Analysis of Quetta-Ziarat earthquake of 29 October 2008 in Pakistan. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1731-1737.	1.3	12
14	The 23 January 2014 Jizan earthquake and its tectonic implications in southwestern Saudi Arabia. <i>Tectonophysics</i> , 2017, 712-713, 494-502.	2.2	12
15	Review of the Seismotectonic Setting of the Gulf of Aqaba with Respect to the 27 June 2015 and the 16 May 2016 Earthquake Sequences. <i>Pure and Applied Geophysics</i> , 2019, 176, 541-562.	1.9	10
16	Harmonic by harmonic removal technique for improving vibroseis data quality. <i>Geophysical Prospecting</i> , 2011, 59, 279-294.	1.9	9
17	Multi-seismotectonic models, present-day seismicity and seismic hazard assessment for Suez Canal and its surrounding area, Egypt. <i>Bulletin of Engineering Geology and the Environment</i> , 2016, 75, 503-517.	3.5	9
18	New relationship between fundamental site frequency and thickness of soft sediments from seismic ambient noise. <i>Journal of Seismology</i> , 2018, 22, 1315-1323.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Engineering geotechnical evaluation of soil for foundation purposes using shallow seismic refraction and MASW in 15th Mayo, Egypt. Journal of African Earth Sciences, 2020, 162, 103721.	2.0	8
20	Seismological aspects of the 15 November 2019 earthquake sequence, Kuwait. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	8
21	Multi scenario seismic hazard assessment for Egypt. Journal of Seismology, 2018, 22, 669-696.	1.3	7
22	Ambient noise for determination of site dynamic properties at Hurghada and Safaga cities, Red Sea, Egypt. Acta Geodynamica Et Geomaterialia, 2016, , 227-240.	0.5	7
23	Implementation of integrated multi-channel analysis of surface waves and waveform inversion techniques for seismic hazard estimation. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	6
24	Determination of earthquake source parameters using the inversion of waveform data: A case of small earthquakes around High Dam Lake, Aswan region, Egypt. Journal of African Earth Sciences, 2019, 151, 403-416.	2.0	6
25	Eliminating upper harmonic noise in vibroseis data via numerical simulation. Geophysical Journal International, 2010, , .	2.4	5
26	Parameterization of 18th January 2011 earthquake in Dalbadin Region, Southwest Pakistan. NRIAG Journal of Astronomy and Geophysics, 2013, 2, 203-211.	0.9	5
27	Near-surface seismic refraction applied to exploring subsurface clay layer at a new mining area in southeast Cairo, Egypt. Arabian Journal of Geosciences, 2010, 3, 105-112.	1.3	4
28	The anti-correlation method for removing harmonic distortion in vibroseis slip-sweep data. Applied Geophysics, 2012, 9, 159-167.	0.6	4
29	Earthquake Deterministic Hazard and Sensitivity Analysis for Residential Cities in Kuwait. Journal of Volcanology and Seismology, 2021, 15, 445-462.	0.7	4
30	Deterministic scenarios for seismic hazard assessment in Egypt. Journal of African Earth Sciences, 2019, 160, 103655.	2.0	3
31	Tracking regional heterogeneities through seismic ambient noise constrains: What Rayleigh wave tomography can tell about deep structures in northern Morocco. Journal of African Earth Sciences, 2019, 160, 103615.	2.0	3
32	Tectonic deformation and subsurface active fault trends of El-Faiyum province, Egypt as deduced by seismicity and potential field data. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	2
33	New comprehensive standard seismic noise models and 3D seismic noise variation for Morocco territory, North Africa, obtained using seismic broadband stations. Exploration Geophysics, 2017, 48, 272-283.	1.1	1
34	Single and multi-channel passive source methods for calculating the shallow S-wave velocity structure and site effect parameters at 15th May City, Egypt. Journal of African Earth Sciences, 2019, 159, 103579.	2.0	1
35	Strength and ductility level earthquake design for Gulf of Suez oil platforms. Journal of Seismology, 2019, 23, 199-215.	1.3	1
36	A homogenous moment magnitude and local magnitude scaling relation for earthquakes in Egypt. NRIAG Journal of Astronomy and Geophysics, 2020, 9, 532-538.	0.9	1

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37	SEISMIC MICROZONATION OF EL-FAYOUM NEW CITY, EGYPT. JES Journal of Engineering Sciences, 2014, 42, 64-83.	0.1	1
38	Present Kinematic Regime and Recent Seismicity of Gulf Suez, Egypt. Geotectonics, 2018, 52, 134-150.	0.9	0
39	Response of A 850 KW Wind Turbine Including Soil-Structure Interaction During Seismic Excitation. Sustainable Civil Infrastructures, 2019, , 114-125.	0.2	0
40	Modeling of Recent Seismicity, Seismic Hazard and Seismotectonic Setting at the New Administrative Capital City Area, Egypt. Geotectonics, 2020, 54, 383-394.	0.9	0
41	SOURCE CHARACTERIZATION AND GROUND MOTION MODELING COMPUTED FROM THE 3 SEPTEMBER 2015 EARTHQUAKE, WESTERN DESERT, EGYPT. International Journal of GEOMATE, 2017, 12, .	0.3	0
42	New Relationship Between Fundamental Site Frequency and Thickness of Soft Sediments from Seismic Ambient Noise. Advances in Science, Technology and Innovation, 2018, , 1883-1885.	0.4	0