

Abd el-aziz Khairy Abd el-aal

List of Publications by Year in descending order

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42
papers

375
citations

758635

12
h-index

887659

17
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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.	1.5	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.	0.7	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.	1.0	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.	0.6	21
5	Fundamental site frequency estimation at New Domiat city, Egypt. <i>Arabian Journal of Geosciences</i> , 2012, 5, 653-661.	0.6	17
6	Very broadband seismic background noise analysis of permanent good vaulted seismic stations. <i>Journal of Seismology</i> , 2013, 17, 223-237.	0.6	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.	1.6	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.	0.9	16
9	New Seismic Noise Models Obtained Using Very Broadband Stations. <i>Pure and Applied Geophysics</i> , 2013, 170, 1849-1857.	0.8	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.	0.6	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.	0.8	14
12	Deterministic and probabilistic seismic hazard analysis for Gwadar City, Pakistan. <i>Arabian Journal of Geosciences</i> , 2013, 6, 3481-3492.	0.6	12
13	Analysis of Quetta-Ziarat earthquake of 29 October 2008 in Pakistan. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1731-1737.	0.6	12
14	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
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.	0.8	10
16	Harmonic by harmonic removal technique for improving vibroseis data quality. <i>Geophysical Prospecting</i> , 2011, 59, 279-294.	1.0	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.	1.6	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.	0.6	9

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19	Engineering geotechnical evaluation of soil for foundation purposes using shallow seismic refraction and MASW in 15th Mayo, Egypt. <i>Journal of African Earth Sciences</i> , 2020, 162, 103721.	0.9	8
20	Seismological aspects of the 15 November 2019 earthquake sequence, Kuwait. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	8
21	Multi scenario seismic hazard assessment for Egypt. <i>Journal of Seismology</i> , 2018, 22, 669-696.	0.6	7
22	Ambient noise for determination of site dynamic properties at Hurghada and Safaga cities, Red Sea, Egypt. <i>Acta Geodynamica Et Geomaterialia</i> , 2016, , 227-240.	0.3	7
23	Implementation of integrated multi-channel analysis of surface waves and waveform inversion techniques for seismic hazard estimation. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	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. <i>Journal of African Earth Sciences</i> , 2019, 151, 403-416.	0.9	6
25	Eliminating upper harmonic noise in vibroseis data via numerical simulation. <i>Geophysical Journal International</i> , 2010, , .	1.0	5
26	Parameterization of 18th January 2011 earthquake in Dalbadin Region, Southwest Pakistan. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2013, 2, 203-211.	0.5	5
27	Near-surface seismic refraction applied to exploring subsurface clay layer at a new mining area in southeast Cairo, Egypt. <i>Arabian Journal of Geosciences</i> , 2010, 3, 105-112.	0.6	4
28	The anti-correlation method for removing harmonic distortion in vibroseis slip-sweep data. <i>Applied Geophysics</i> , 2012, 9, 159-167.	0.1	4
29	Earthquake Deterministic Hazard and Sensitivity Analysis for Residential Cities in Kuwait. <i>Journal of Volcanology and Seismology</i> , 2021, 15, 445-462.	0.2	4
30	Deterministic scenarios for seismic hazard assessment in Egypt. <i>Journal of African Earth Sciences</i> , 2019, 160, 103655.	0.9	3
31	Tracking regional heterogeneities through seismic ambient noise constrains: What Rayleigh wave tomography can tell about deep structures in northern Morocco. <i>Journal of African Earth Sciences</i> , 2019, 160, 103615.	0.9	3
32	Tectonic deformation and subsurface active fault trends of El-Faiyum province, Egypt as deduced by seismicity and potential field data. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	2
33	New comprehensive standard seismic noise models and 3D seismic noise variation for Morocco territory, North Africa, obtained using seismic broadband stations. <i>Exploration Geophysics</i> , 2017, 48, 272-283.	0.5	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. <i>Journal of African Earth Sciences</i> , 2019, 159, 103579.	0.9	1
35	Strength and ductility level earthquake design for Gulf of Suez oil platforms. <i>Journal of Seismology</i> , 2019, 23, 199-215.	0.6	1
36	A homogenous moment magnitude and local magnitude scaling relation for earthquakes in Egypt. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2020, 9, 532-538.	0.5	1

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37	SEISMIC MICROZONATION OF EL-FAYOUM NEW CITY, EGYPT. JES Journal of Engineering Sciences, 2014, 42, 64-83.	0.0	1
38	Present Kinematic Regime and Recent Seismicity of Gulf Suez, Egypt. Geotectonics, 2018, 52, 134-150.	0.2	0
39	Response of A 850 KW Wind Turbine Including Soil-Structure Interaction During Seismic Excitation. Sustainable Civil Infrastructures, 2019, , 114-125.	0.1	0
40	Modeling of Recent Seismicity, Seismic Hazard and Seismotectonic Setting at the New Administrative Capital City Area, Egypt. Geotectonics, 2020, 54, 383-394.	0.2	0
41	SOURCE CHARACTERIZATION AND GROUND MOTION MODELING COMPUTED FROM THE 3 SEPTEMBER 2015 EARTHQUAKE, WESTERN DESERT, EGYPT. International Journal of GEOMATE, 2017, 12, .	0.1	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.	0.2	0