

Mourad Bezzeghoud

List of Publications by Year in descending order

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68
papers

1,199
citations

430754

18
h-index

414303

32
g-index

78
all docs

78
docs citations

78
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Sources on the Iberia-African Plate Boundary and their Tectonic Implications. Pure and Applied Geophysics, 2004, 161, 623-646.	0.8	195
2	Seismotectonics of Portugal and its adjacent Atlantic area. Tectonophysics, 2001, 331, 373-387.	0.9	115
3	Seismicity of Algeria from 1365 to 2013: Maximum Observed Intensity Map (MOI2014). Seismological Research Letters, 2015, 86, 236-244.	0.8	65
4	The 1980, 1997 and 1998 Azores earthquakes and some seismo-tectonic implications. Tectonophysics, 2007, 435, 37-54.	0.9	62
5	Simulations of strong ground motion in SW Iberia for the 1969 February 28 ($M_s = 7.1$) Tj ETQq1 1 0.784314 rgBT /Over Geophysical Journal International, 2007, 171, 807-822.	1.0	51
6	Faulting mechanism of the El Asnam (Algeria) 1954 and 1980 earthquakes from modelling of vertical movements. Tectonophysics, 1995, 249, 249-266.	0.9	50
7	Neo-deterministic seismic hazard assessment in North Africa. Journal of Seismology, 2014, 18, 301-318.	0.6	48
8	The European VLF/LF radio network to search for earthquake precursors: setting up and natural/man-made disturbances. Natural Hazards and Earth System Sciences, 2011, 11, 333-341.	1.5	45
9	The Ain Temouchent (Algeria) Earthquake of December 22 nd , 1999. Pure and Applied Geophysics, 2004, 161, 607-621.	0.8	33
10	Seismicity along the Azores-Gibraltar region and global plate kinematics. Journal of Seismology, 2014, 18, 205-220.	0.6	33
11	The earthquakes of 29 July 2003, 12 February 2007, and 17 December 2009 in the region of Cape Saint Vincent (SW Iberia) and their relation with the 1755 Lisbon earthquake. Tectonophysics, 2013, 583, 16-27.	0.9	30
12	Crustal and upper mantle velocity structure of the Hoggar swell (Central Sahara, Algeria). Physics of the Earth and Planetary Interiors, 2000, 118, 111-123.	0.7	28
13	Seismic Sources on the Iberia-African Plate Boundary and their Tectonic Implications. , 2004, , 623-646.		28
14	Seismogenic zone survey by Algerian Telemetered Seismological Network; case-study of Rouina earthquake, 19 January 1992. Physics of the Earth and Planetary Interiors, 1994, 84, 235-246.	0.7	27
15	The August 1st, 2014 (M w 5.3) Moderate Earthquake: Evidence for an Active Thrust Fault in the Bay of Algiers (Algeria). Pure and Applied Geophysics, 2017, 174, 1503-1511.	0.8	26
16	Postseismic deformation at El Asnam (Algeria) in the seismotectonic context of northwestern Algeria. Geophysical Journal International, 1997, 129, 597-612.	1.0	22
17	Incorporating Descriptive Metadata into Seismic Source Zone Models for Seismic-Hazard Assessment: A Case Study of the Azores-West Iberian Region. Bulletin of the Seismological Society of America, 2014, 104, 1212-1229.	1.1	22
18	Inversion of ambient seismic noise HVSR to evaluate velocity and structural models of the Lower Tagus Basin, Portugal. Journal of Seismology, 2016, 20, 875-887.	0.6	20

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19	Atmospheric electrical field decrease during the <i>M = 4.1</i> Sousel earthquake (Portugal). Natural Hazards and Earth System Sciences, 2011, 11, 987-991.	1.5	20
20	Estimation of Seismic Hazard Parameters in the Northern Part of Algeria. Pure and Applied Geophysics, 1998, 151, 101-117.	0.8	18
21	Simulations of strong ground motion in SW Iberia for the 1969 February 28 (Ms= 8.0) and the 1755 November 1 (M ^¼ 8.5) earthquakes - I. Velocity model. Geophysical Journal International, 0, 171, 1144-1161.	1.0	17
22	The destructive 1790 Oran (NW Algeria) earthquake in a region of low seismicity. Tectonophysics, 2019, 759, 1-14.	0.9	13
23	Intensity-distance attenuation laws for the Portugal mainland using intensity data points. Geophysical Journal International, 2014, 199, 1278-1285.	1.0	12
24	The Rupture Process and Location of the 2003 Zemmouriâ€Boumerdes Earthquake (Mw 6.8) Inferred from Seismic and Geodetic Data. Pure and Applied Geophysics, 2015, 172, 2421-2434.	0.8	12
25	An alternative formulation for quasi-static frictional and cohesive contact problems. Computational Mechanics, 2014, 53, 807-824.	2.2	11
26	Analysis of observations backing up the existence of VLF and ionospheric TEC anomalies before the Mw6.1 earthquake in Greece, January 26, 2014. Physics and Chemistry of the Earth, 2015, 85-86, 150-166.	1.2	11
27	The Seismicity of Portugal and Its Adjacent Atlantic Region from 1300 to 2014: Maximum Observed Intensity (MOI) Map. Seismological Research Letters, 2016, 87, 743-750.	0.8	11
28	Very-broad-band seismology in Northern Africa under the MedNet project. Tectonophysics, 1992, 209, 17-30.	0.9	10
29	Seismic and structural geology constraints to the selection of CO2 storage sitesâ€The case of the onshore Lusitanian basin, Portugal. Journal of Applied Geophysics, 2014, 102, 21-38.	0.9	10
30	The INFREP Network: Present Situation and Recent Results. Open Journal of Earthquake Research, 2019, 08, 101-115.	0.9	10
31	DIRDOP: a directivity approach to determining the seismic rupture velocity vector. Journal of Seismology, 2010, 14, 565-600.	0.6	9
32	Revisiting the Laalam (Eastern Algeria) March 20, 2006 (Mw 5.1) Earthquake and its Seismotectonic Implication. Pure and Applied Geophysics, 2019, 176, 4213-4222.	0.8	9
33	The Oran January 9th (Mw 4.7) and June 6th, 2008 (Mw 5.4) earthquakes: Seismological study and seismotectonic implication. Journal of African Earth Sciences, 2020, 169, 103896.	0.9	9
34	Anomalies Observed in VLF and LF Radio Signals on the Occasion of the Western Turkey Earthquake (M _w = 5.7) on May 19, 2011. International Journal of Geosciences, 2012, 03, 856-865.	0.2	9
35	Broad-Band P-Wave Signals and Spectra from Digital Stations. , 1989, , 351-374.		8
36	The Portuguese National Seismic Networkâ€Products and Services. Seismological Research Letters, 2021, 92, 1541-1570.	0.8	7

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37	Seismo-electromagnetic phenomena in the western part of the Eurasia-Nubia plate boundary. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 241-248.	1.5	6
38	A novel interpolation method for InSAR atmospheric wet delay correction. <i>Journal of Applied Geophysics</i> , 2019, 163, 96-107.	0.9	6
39	Human Losses and Damage Expected in Future Earthquakes on Faial Island—Azores. <i>Pure and Applied Geophysics</i> , 2020, 177, 1831-1844.	0.8	6
40	Wavelet analysis of the LF radio signals collected by the European VLF/LF network from July 2009 to April 2011. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	6
41	Influence of seismic activity on the atmospheric electric field in Lisbon (Portugal) from 1955 to 1991. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	6
42	Ground motion simulations of the SW Iberia margin: rupture directivity and earth structure effects. <i>Natural Hazards</i> , 2013, 69, 1229-1245.	1.6	5
43	Ground-Motion Simulation in the Lower Tagus Valley Basin. <i>Pure and Applied Geophysics</i> , 2015, 172, 2411-2420.	0.8	5
44	Seismicity of the Algerian Tell Atlas and the Impacts of Major Earthquakes. <i>Springer Geology</i> , 2019, , 401-426.	0.2	5
45	An update of Algerian—'s seismic catalog from historical seismicity, archeoseismological, and paleoseismological studies. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	5
46	Seismic source study of the 1989, October 29, Chenoua (Algeria) earthquake from aftershocks, broad-band and strong ground motion records. <i>Annals of Geophysics</i> , 2010, 46, .	0.5	5
47	Damage-based fracture with electro-magnetic coupling. <i>Computational Mechanics</i> , 2013, 51, 629-640.	2.2	4
48	Maximum Observed Intensity Map for the Azores Archipelago (Portugal) from 1522 to 2012 Seismic Catalog. <i>Seismological Research Letters</i> , 2017, 88, 1178-1184.	0.8	4
49	Grandes terremotos en Azores. <i>Física De La Tierra</i> , 2017, 29, .	0.1	4
50	A structural scheme proposal derived from geophysical data in the epicentral area of the Boumerdes (Algeria) earthquake of May 21, 2003. <i>Journal of African Earth Sciences</i> , 2017, 133, 138-147.	0.9	3
51	GEOSCOPE collects broadband seismic data in quasi—real time. <i>Eos</i> , 1988, 69, 593.	0.1	2
52	Hadj Benhallou 1937—2011. <i>Journal of Seismology</i> , 2012, 16, 373-373.	0.6	2
53	Comment on —The earthquakes of 29 July 2003, 12 February 2007, and 17 December 2009 in the region of Cape Saint Vincent (SW Iberia) and their relation with the 1755 Lisbon earthquake—by C. Pro, E. Buforn, M. Bezzeghoud and A. Ud—s. <i>Tectonophysics</i> , 2014, 628, 244-245.	0.9	2
54	On-site Sensor Noise Evaluation and Detectability in Low Cost Accelerometers. , 2021, , .		2

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55	A simple statistical procedure for the analysis of radon anomalies associated with seismic activity. Annals of Geophysics, 2013, 56, .	0.5	2
56	Design and Evaluation of a High Throughput Seismic Sensor Network - Tools for Planning, Deployment and Assessment. , 2017, , .		2
57	The Ain Temouchent (Algeria) Earthquake of December 22nd, 1999. , 2004, , 607-621.		2
58	The SAFE-PORT project: An approach to port surveillance and protection. , 2010, , .		1
59	Low-temperature dielectric measurements of confined water in porous granites. Geophysics, 2014, 79, D187-D195.	1.4	1
60	Adsorbed water clusters in garnet cracks detected by impedance and Raman spectroscopies at the supercooled water phase transition. Geophysics, 2015, 80, D355-D362.	1.4	1
61	Los mayores sismos en Argelia en la Época moderna: las fallas de El Asnam y Zemmouri-Boumerdes. Física De La Tierra, 2017, 29, .	0.1	1
62	High-density seismic network for monitoring Alentejo region (Portugal) and Mitidja basin region (Algeria). Arabian Journal of Geosciences, 2020, 13, 1.	0.6	1
63	Geodetic analysis for investigating possible seismo-ionospheric precursors related to the Ain Temouchent earthquake of December 22, 1999, in NW Algeria. Arabian Journal of Geosciences, 2022, 15, .	0.6	1
64	Capacitors impedance measurement using ellipse fitting algorithm with sub-nyquist samplig. , 2013, , .		0
65	Reply to Comment on "The earthquakes of 29 July 2003, 12 February 2007, and 17 December 2009 in the region of Cape Saint Vincent (SW Iberia) and their relation with the 1755 Lisbon earthquake" by C. Pro, E. Buforn, M. Bezzeghoud and A. Udías. Tectonophysics, 2014, 628, 246-247.	0.9	0
66	Monitoring the Earth: the Near-Future Developments in Seismology. , 0, , .		0
67	Chaotic behavior of seismic mechanisms: experiment and observation. Annals of Geophysics, 2012, 55, .	0.5	0
68	Muography in the University and in the Museum. , 0, 2022, .		0