

Mourad Bezzeghoud

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Geodetic analysis for investigating possible seismo-ionospheric precursors related to the Ain Tâ€™mouchent earthquake of December 22, 1999, in NW Algeria. Arabian Journal of Geosciences, 2022, 15, . | 0.6 | 1 |
| 2 | The Portuguese National Seismic Networkâ€™ Products and Services. Seismological Research Letters, 2021, 92, 1541-1570. | 0.8 | 7 |
| 3 | An update of Algerianâ€™s seismic catalog from historical seismicity, archeoseismological, and paleoseismological studies. Arabian Journal of Geosciences, 2021, 14, 1. | 0.6 | 5 |
| 4 | On-site Sensor Noise Evaluation and Detectability in Low Cost Accelerometers. , 2021, , . | | 2 |
| 5 | Human Losses and Damage Expected in Future Earthquakes on Faial Islandâ€™Azores. Pure and Applied Geophysics, 2020, 177, 1831-1844. | 0.8 | 6 |
| 6 | High-density seismic network for monitoring Alentejo region (Portugal) and Mitidja basin region (Algeria). Arabian Journal of Geosciences, 2020, 13, 1. | 0.6 | 1 |
| 7 | 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 |
| 8 | 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 |
| 9 | A novel interpolation method for InSAR atmospheric wet delay correction. Journal of Applied Geophysics, 2019, 163, 96-107. | 0.9 | 6 |
| 10 | The destructive 1790 Oran (NW Algeria) earthquake in a region of low seismicity. Tectonophysics, 2019, 759, 1-14. | 0.9 | 13 |
| 11 | Seismicity of the Algerian Tell Atlas and the Impacts of Major Earthquakes. Springer Geology, 2019, , 401-426. | 0.2 | 5 |
| 12 | The INFREP Network: Present Situation and Recent Results. Open Journal of Earthquake Research, 2019, 08, 101-115. | 0.9 | 10 |
| 13 | 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 |
| 14 | A structural scheme proposal derived from geophysical data in the epicentral area of the Boumerdes (Algeria) earthquake of May 21, 2003. Journal of African Earth Sciences, 2017, 133, 138-147. | 0.9 | 3 |
| 15 | Maximum Observed Intensity Map for the Azores Archipelago (Portugal) from 1522 to 2012 Seismic Catalog. Seismological Research Letters, 2017, 88, 1178-1184. | 0.8 | 4 |
| 16 | Los mayores sismos en Argelia en la Ã©poca moderna: las fallas de El Asnam y Zemmouri-BoumerdÃ©s. FÃ©sica De La Tierra, 2017, 29, . | 0.1 | 1 |
| 17 | Grandes terremotos en Azores. FÃ©sica De La Tierra, 2017, 29, . | 0.1 | 4 |
| 18 | Design and Evaluation of a High Throughput Seismic Sensor Network - Tools for Planning, Deployment and Assessment. , 2017, , . | | 2 |

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|----|---|-----|-----------|
| 19 | The Seismicity of Portugal and Its Adjacent Atlantic Region from 1300 to 2014: Maximum Observed Intensity (MOI) Map. <i>Seismological Research Letters</i> , 2016, 87, 743-750. | 0.8 | 11 |
| 20 | Inversion of ambient seismic noise HVSR to evaluate velocity and structural models of the Lower Tagus Basin, Portugal. <i>Journal of Seismology</i> , 2016, 20, 875-887. | 0.6 | 20 |
| 21 | Ground-Motion Simulation in the Lower Tagus Valley Basin. <i>Pure and Applied Geophysics</i> , 2015, 172, 2411-2420. | 0.8 | 5 |
| 22 | Seismicity of Algeria from 1365 to 2013: Maximum Observed Intensity Map (MOI2014). <i>Seismological Research Letters</i> , 2015, 86, 236-244. | 0.8 | 65 |
| 23 | The Rupture Process and Location of the 2003 Zemmouri "Boumerdes Earthquake (Mw 6.8) Inferred from Seismic and Geodetic Data. <i>Pure and Applied Geophysics</i> , 2015, 172, 2421-2434. | 0.8 | 12 |
| 24 | Adsorbed water clusters in garnet cracks detected by impedance and Raman spectroscopies at the supercooled water phase transition. <i>Geophysics</i> , 2015, 80, D355-D362. | 1.4 | 1 |
| 25 | Analysis of observations backing up the existence of VLF and ionospheric TEC anomalies before the Mw6.1 earthquake in Greece, January 26, 2014. <i>Physics and Chemistry of the Earth</i> , 2015, 85-86, 150-166. | 1.2 | 11 |
| 26 | Intensity-distance attenuation laws for the Portugal mainland using intensity data points. <i>Geophysical Journal International</i> , 2014, 199, 1278-1285. | 1.0 | 12 |
| 27 | Seismicity along the Azores-Gibraltar region and global plate kinematics. <i>Journal of Seismology</i> , 2014, 18, 205-220. | 0.6 | 33 |
| 28 | An alternative formulation for quasi-static frictional and cohesive contact problems. <i>Computational Mechanics</i> , 2014, 53, 807-824. | 2.2 | 11 |
| 29 | Low-temperature dielectric measurements of confined water in porous granites. <i>Geophysics</i> , 2014, 79, D187-D195. | 1.4 | 1 |
| 30 | Seismic and structural geology constraints to the selection of CO2 storage sites "The case of the onshore Lusitanian basin, Portugal. <i>Journal of Applied Geophysics</i> , 2014, 102, 21-38. | 0.9 | 10 |
| 31 | Incorporating Descriptive Metadata into Seismic Source Zone Models for Seismic-Hazard Assessment: A Case Study of the Azores-West Iberian Region. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 1212-1229. | 1.1 | 22 |
| 32 | 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. Ud "Tectonophysics, 2014, 628, 246-247. | 0.9 | 0 |
| 33 | 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 "Tectonophysics, 2014, 628, 244-245. | 0.9 | 2 |
| 34 | Neo-deterministic seismic hazard assessment in North Africa. <i>Journal of Seismology</i> , 2014, 18, 301-318. | 0.6 | 48 |
| 35 | 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 |
| 36 | Damage-based fracture with electro-magnetic coupling. <i>Computational Mechanics</i> , 2013, 51, 629-640. | 2.2 | 4 |

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|----|---|-----|-----------|
| 37 | Capacitors impedance measurement using ellipse fitting algorithm with sub-nyquist samplig. , 2013, , . | | 0 |
| 38 | 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 |
| 39 | A simple statistical procedure for the analysis of radon anomalies associated with seismic activity. Annals of Geophysics, 2013, 56, . | 0.5 | 2 |
| 40 | Hadj Benhallou 1937â€“2011. Journal of Seismology, 2012, 16, 373-373. | 0.6 | 2 |
| 41 | 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 |
| 42 | Wavelet analysis of the LF radio signals collected by the European VLF/LF network from July 2009 to April 2011. Annals of Geophysics, 2012, 55, . | 0.5 | 6 |
| 43 | Influence of seismic activity on the atmospheric electric field in Lisbon (Portugal) from 1955 to 1991. Annals of Geophysics, 2012, 55, . | 0.5 | 6 |
| 44 | Chaotic behavior of seismic mechanisms: experiment and observation. Annals of Geophysics, 2012, 55, . | 0.5 | 0 |
| 45 | Seismo-electromagnetic phenomena in the western part of the Eurasia-Nubia plate boundary. Natural Hazards and Earth System Sciences, 2011, 11, 241-248. | 1.5 | 6 |
| 46 | 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 |
| 47 | Atmospheric electrical field decrease during the $M = 4.1$ Sousel earthquake (Portugal). Natural Hazards and Earth System Sciences, 2011, 11, 987-991. | 1.5 | 20 |
| 48 | DIRDOP: a directivity approach to determining the seismic rupture velocity vector. Journal of Seismology, 2010, 14, 565-600. | 0.6 | 9 |
| 49 | The SAFE-PORT project: An approach to port surveillance and protection. , 2010, , . | | 1 |
| 50 | Seismic source study of the 1989, October 29, Chenoua (Algeria) earthquake from aftershocks, broad-band and strong ground motion records. Annals of Geophysics, 2010, 46, . | 0.5 | 5 |
| 51 | The 1980, 1997 and 1998 Azores earthquakes and some seismo-tectonic implications. Tectonophysics, 2007, 435, 37-54. | 0.9 | 62 |
| 52 | Simulations of strong ground motion in SW Iberia for the 1969 February 28 ($M_s = 7.1$) Tj ETQq0 0 0 rgBT /Overlock 10 T Geophysical Journal International, 2007, 171, 807-822. | 1.0 | 51 |
| 53 | Seismic Sources on the Iberia-African Plate Boundary and their Tectonic Implications. , 2004, , 623-646. | | 28 |
| 54 | The Ain Temouchent (Algeria) Earthquake of December 22 nd , 1999. Pure and Applied Geophysics, 2004, 161, 607-621. | 0.8 | 33 |

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|----|---|-----|-----------|
| 55 | Seismic Sources on the Iberia-African Plate Boundary and their Tectonic Implications. Pure and Applied Geophysics, 2004, 161, 623-646. | 0.8 | 195 |
| 56 | The Ain Temouchent (Algeria) Earthquake of December 22nd, 1999. , 2004, , 607-621. | | 2 |
| 57 | Seismotectonics of Portugal and its adjacent Atlantic area. Tectonophysics, 2001, 331, 373-387. | 0.9 | 115 |
| 58 | 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 |
| 59 | Estimation of Seismic Hazard Parameters in the Northern Part of Algeria. Pure and Applied Geophysics, 1998, 151, 101-117. | 0.8 | 18 |
| 60 | Postseismic deformation at El Asnam (Algeria) in the seismotectonic context of northwestern Algeria. Geophysical Journal International, 1997, 129, 597-612. | 1.0 | 22 |
| 61 | Faulting mechanism of the El Asnam (Algeria) 1954 and 1980 earthquakes from modelling of vertical movements. Tectonophysics, 1995, 249, 249-266. | 0.9 | 50 |
| 62 | 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 |
| 63 | Very-broad-band seismology in Northern Africa under the MedNet project. Tectonophysics, 1992, 209, 17-30. | 0.9 | 10 |
| 64 | Broad-Band P-Wave Signals and Spectra from Digital Stations. , 1989, , 351-374. | | 8 |
| 65 | GEOSCOPE collects broadband seismic data in quasi-“real time. Eos, 1988, 69, 593. | 0.1 | 2 |
| 66 | Simulations of strong ground motion in SW Iberia for the 1969 February 28 (Ms= 8.0) and the 1755 November 1 (M ^{1/4} 8.5) earthquakes - I. Velocity model. Geophysical Journal International, 0, 171, 1144-1161. | 1.0 | 17 |
| 67 | Monitoring the Earth: the Near-Future Developments in Seismology. , 0, , . | | 0 |
| 68 | Muography in the University and in the Museum. , 0, 2022, . | | 0 |