

# Giuliano Panza

## List of Publications by Citations

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229  
ext. papers

5,171  
ext. citations

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#	Paper	IF	Citations
214	The gross features of the lithosphere-asthenosphere system in Europe from seismic surface waves and body waves. <i>Pure and Applied Geophysics</i> , <b>1980</b> , 118, 1209-1213	2.2	214
213	A deterministic seismic hazard map of India and adjacent areas. <i>Geophysical Journal International</i> , <b>2003</b> , 155, 489-508	2.6	143
212	Geophysical and petrological modelling of the structure and composition of the crust and upper mantle in complex geodynamic settings: The Tyrrhenian Sea and surroundings. <i>Earth-Science Reviews</i> , <b>2007</b> , 80, 1-46	10.2	127
211	Complete synthetic seismograms for high-frequency multimode SH-waves. <i>Pure and Applied Geophysics</i> , <b>1991</b> , 136, 529-560	2.2	111
210	Carbonate metasomatism and CO <sub>2</sub> lithosphere-asthenosphere degassing beneath the Western Mediterranean: An integrated model arising from petrological and geophysical data. <i>Chemical Geology</i> , <b>2009</b> , 262, 108-120	4.2	108
209	Seismic wave propagation in laterally heterogeneous anelastic media: Theory and applications to seismic zonation. <i>Advances in Geophysics</i> , <b>2001</b> , 1-95	4.8	106
208	Geodynamics and intermediate-depth seismicity in Vrancea (the south-eastern Carpathians): Current state-of-the art. <i>Tectonophysics</i> , <b>2012</b> , 530-531, 50-79	3.1	99
207	The lithosphere in the central-eastern Mediterranean area. <i>Pure and Applied Geophysics</i> , <b>1982</b> , 120, 389-406	2.2	77
206	New evidences about the deep structure of the lipari arc. <i>Tectonophysics</i> , <b>1972</b> , 15, 219-231	3.1	77
205	Array analysis of seismic surface waves: Limits and possibilities. <i>Pure and Applied Geophysics</i> , <b>1976</b> , 114, 775-790	2.2	76
204	Caveats on tomographic images. <i>Terra Nova</i> , <b>2013</b> , 25, 259-281	3	72
203	Seismic Hazard Scenarios as Preventive Tools for a Disaster Resilient Society. <i>Advances in Geophysics</i> , <b>2012</b> , 53, 93-165	4.8	69
202	A New Method for the Realistic Estimation of Seismic Ground Motion in Megacities: The Case of Rome. <i>Earthquake Spectra</i> , <b>1993</b> , 9, 643-668	3.4	69
201	Can Earth's rotation and tidal despinning drive plate tectonics?. <i>Tectonophysics</i> , <b>2010</b> , 484, 60-73	3.1	68
200	Intermediate-term middle-range earthquake predictions in Italy: a review. <i>Earth-Science Reviews</i> , <b>2005</b> , 69, 97-132	10.2	68
199	Neo-Deterministic and Probabilistic Seismic Hazard Assessments: a Comparison over the Italian Territory. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 69-83	2.2	63
198	Polarized Plate Tectonics. <i>Advances in Geophysics</i> , <b>2015</b> , 1-167	4.8	58

197	A scenario-based procedure for seismic risk analysis. <i>Engineering Geology</i> , <b>2006</b> , 88, 1-22	6	57
196	Upper mantle flow in the western Mediterranean. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 257, 200-214	3	56
195	The lithosphere-asthenosphere: Italy and surroundings. <i>Episodes</i> , <b>2003</b> , 26, 169-174	1.6	56
194	Seismic structure and rheology of the crust under mainland China. <i>Gondwana Research</i> , <b>2013</b> , 23, 1455-1483	3	53
193	Zoning of the Italian territory in terms of expected peak ground acceleration derived from complete synthetic seismograms. <i>Journal of Applied Geophysics</i> , <b>1993</b> , 30, 149-160	1.7	52
192	Upper mantle properties of the Tuscan-Tyrrhenian area: A framework for its recent tectonic evolution. <i>Tectonophysics</i> , <b>1991</b> , 195, 311-318	3.1	51
191	The deep structure of the Iranian Plateau. <i>Gondwana Research</i> , <b>2015</b> , 28, 407-418	5.1	48
190	The Lithosphere-Asthenosphere System in the Calabrian Arc and Surrounding Seas Southern Italy. <i>Pure and Applied Geophysics</i> , <b>2006</b> , 163, 1617-1659	2.2	48
189	Monitoring volcanic and geothermal areas by full seismic moment tensor inversion: are non-double-couple components always artefacts of modelling?. <i>Geophysical Journal International</i> , <b>2000</b> , 143, 353-364	2.6	46
188	Neo-deterministic seismic hazard assessment in North Africa. <i>Journal of Seismology</i> , <b>2014</b> , 18, 301-318	1.5	44
187	Constraints on the location and mechanism of the 1511 Western-Slovenia earthquake from active tectonics and modeling of macroseismic data. <i>Tectonophysics</i> , <b>2005</b> , 404, 77-90	3.1	42
186	Physical properties of the lithosphere-asthenosphere system in Europe. <i>Tectonophysics</i> , <b>1990</b> , 176, 123-135	3.1	42
185	Lithosphere-asthenosphere viscosity contrast and decoupling. <i>Physics of the Earth and Planetary Interiors</i> , <b>2011</b> , 189, 1-8	2.3	41
184	Structure and rheology of lithosphere in Italy and surrounding. <i>Terra Nova</i> , <b>2008</b> , 20, 194-199	3	40
183	Properties of the lithosphere in collisional belts in the Mediterranean- a review. <i>Tectonophysics</i> , <b>1990</b> , 182, 39-46	3.1	40
182	Neo-Deterministic Seismic Hazard and Pattern Recognition Techniques: Time-Dependent Scenarios for North-Eastern Italy. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 583-607	2.2	39
181	Source scaling of intermediate-depth Vrancea earthquakes. <i>Geophysical Journal International</i> , <b>2002</b> , 151, 879-889	2.6	37
180	Deterministic seismic hazard in Egypt. <i>Geophysical Journal International</i> , <b>2001</b> , 144, 555-567	2.6	37

179	Asymmetric ocean basins. <i>Geology</i> , <b>2010</b> , 38, 59-62	5	36
178	Characterization of the Dynamic Response of Structures to Damaging Pulse-type Near-fault Ground Motions. <i>Meccanica</i> , <b>2006</b> , 41, 23-46	2.1	36
177	. <i>Advances in Geophysics</i> , 43, 1-95	4.8	36
176	Why are the Standard Probabilistic Methods of Estimating Seismic Hazard and Risks Too Often Wrong <b>2014</b> , 309-357		35
175	Operational earthquake forecast/prediction. <i>Rendiconti Lincei</i> , <b>2012</b> , 23, 131-138	1.7	35
174	Geophysical constraints on the link between cratonization and orogeny: Evidence from the Tibetan Plateau and the North China Craton. <i>Earth-Science Reviews</i> , <b>2014</b> , 130, 1-48	10.2	33
173	Integrated transnational macroseismic data set for the strongest earthquakes of Vrancea (Romania). <i>Tectonophysics</i> , <b>2013</b> , 590, 1-23	3.1	33
172	Lateral variation of the strength of lithosphere across the eastern North China Craton: New constraints on lithospheric disruption. <i>Gondwana Research</i> , <b>2012</b> , 22, 1047-1059	5.1	33
171	Rayleigh wave group velocity tomography in the Aegean area. <i>Tectonophysics</i> , <b>2002</b> , 358, 187-209	3.1	33
170	The Resolving Power of Seismic Surface Waves with Respect to Crust and Upper Mantle Structural Models <b>1981</b> , 39-77		32
169	Structural model of the lithosphere–asthenosphere system beneath the Qinghai–Tibet Plateau and its adjacent areas. <i>Tectonophysics</i> , <b>2014</b> , 634, 208-226	3.1	31
168	A Multiscale Application of the Unified Scaling Law for Earthquakes in the Central Mediterranean Area and Alpine Region. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 297-327	2.2	31
167	Seismicity of Eastern Algeria: a revised and extended earthquake catalogue. <i>Natural Hazards</i> , <b>2010</b> , 54, 725-747	3	31
166	Neo-deterministic seismic hazard scenarios for India – preventive tool for disaster mitigation. <i>Journal of Seismology</i> , <b>2017</b> , 21, 1559-1575	1.5	29
165	Crustal and upper mantle S-wave velocity structure beneath the Bransfield Strait (West Antarctica) from regional surface wave tomography. <i>Tectonophysics</i> , <b>2005</b> , 397, 241-259	3.1	29
164	Magma reservoir at Mt. Vesuvius: Size of the hot, partially molten, crust material detected deeper than 8 km. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 242, 51-57	5.3	29
163	Variability of seismic ground motion in complex media: the case of a sedimentary basin in the Friuli (Italy) area. <i>Journal of Applied Geophysics</i> , <b>1993</b> , 30, 131-148	1.7	29
162	Delineation of the North Central Italian upper mantle anomaly. <i>Nature</i> , <b>1982</b> , 296, 238-239	50.4	29

161	Crust and upper mantle structure under the baltic shield and barents sea from the dispersion of rayleigh waves. <i>Tectonophysics</i> , <b>1978</b> , 47, 59-71	3.1	29
160	Non-double-couple mechanisms in the seismicity preceding the 1991-1993 Etna volcano eruption. <i>Geophysical Journal International</i> , <b>2001</b> , 145, 319-335	2.6	28
159	Lithosphere density model in Italy: no hint for slab pull. <i>Terra Nova</i> , <b>2011</b> , 23, 292-299	3	27
158	Active tectonics in Central Italy: constraints from surface wave tomography and source moment tensor inversion. <i>Physics of the Earth and Planetary Interiors</i> , <b>2003</b> , 138, 241-262	2.3	27
157	Preliminary determination of the interdependence among strong-motion amplitude, earthquake magnitude and hypocentral distance for the Himalayan region. <i>Geophysical Journal International</i> , <b>2001</b> , 144, 577-596	2.6	27
156	Robust retrieval of a seismic point-source time function. <i>Geophysical Journal International</i> , <b>1999</b> , 136, 385-394	2.6	27
155	Improving earthquake hazard assessments in Italy: An alternative to ¶Texas sharpshooting¶. <i>Eos</i> , <b>2012</b> , 93, 538-538	1.5	26
154	S-waves profiles from noise cross correlation at small scale. <i>Engineering Geology</i> , <b>2009</b> , 105, 161-170	6	26
153	Seismicity, seismic input and site effects in the Sahel¶Algiers region (North Algeria). <i>Soil Dynamics and Earthquake Engineering</i> , <b>2007</b> , 27, 427-447	3.5	26
152	Viscoelastic relaxation and long-lasting after-slip following the 1997 Umbria-Marche (Central Italy) earthquakes. <i>Geophysical Journal International</i> , <b>2007</b> , 169, 534-546	2.6	26
151	The upper mantle structure in Balearic and Tyrrhenian bathyal plains and the Messinian salinity crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1979</b> , 29, 3-14	2.9	26
150	Crustal and upper mantle structure of the Mediterranean area derived from surface-wave data. <i>Physics of the Earth and Planetary Interiors</i> , <b>1990</b> , 60, 163-168	2.3	25
149	Realistic modeling of seismic input for megacities and large urban areas (the UNESCO/IUGS/IGCP project 414). <i>Episodes</i> , <b>2002</b> , 25, 160-184	1.6	25
148	Deterministic Seismic Hazard Assessment. <i>Advances in Natural and Technological Hazards Research</i> , <b>1999</b> , 269-286	1.8	25
147	Gutenberg's surface-wave magnitude calibrating function: Theoretical basis from synthetic seismograms. <i>Tectonophysics</i> , <b>1989</b> , 166, 35-43	3.1	24
146	Long Period Ground Motion at Bedrock Level in Delhi City from Himalayan Earthquake Scenarios. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 409-477	2.2	23
145	Seismic zonation in Albania using a deterministic approach. <i>Tectonophysics</i> , <b>2002</b> , 344, 277-288	3.1	23
144	Synthetic tsunami mareograms for realistic oceanic models. <i>Geophysical Journal International</i> , <b>2000</b> , 141, 498-508	2.6	23

143	Integration and magnitude homogenization of the Egyptian earthquake catalogue. <i>Natural Hazards</i> , <b>2008</b> , 47, 525-546	3	22
142	Three Decades of Seismic Activity at Mt. Vesuvius: 1972-2000. <i>Pure and Applied Geophysics</i> , <b>2004</b> , 161, 123-144	2.2	22
141	Group velocity tomography and regionalization in Italy and bordering areas. <i>Physics of the Earth and Planetary Interiors</i> , <b>2002</b> , 134, 1-15	2.3	22
140	Recent seismicity and realistic waveforms modeling to reduce the ambiguities about the 1303 seismic activity in Egypt. <i>Tectonophysics</i> , <b>2000</b> , 328, 341-357	3.1	22
139	Update and sensitivity analysis of the neo-deterministic seismic hazard assessment for Egypt. <i>Engineering Geology</i> , <b>2017</b> , 218, 77-89	6	21
138	Site-Specific Modeling of SH and P-SV Waves for Microzonation Study of Kolkata Metropolitan City, India. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 479-493	2.2	21
137	Three-dimensional numerical modeling of contemporary mantle flow and tectonic stress beneath the Central Mediterranean. <i>Tectonophysics</i> , <b>2010</b> , 482, 226-236	3.1	21
136	Surface waves tomography and non-linear inversion in the southeast Carpathians. <i>Physics of the Earth and Planetary Interiors</i> , <b>2006</b> , 157, 164-180	2.3	21
135	The European-African collision and its effects on the lithosphere-asthenosphere system. <i>Tectonophysics</i> , <b>1988</b> , 146, 59-66	3.1	21
134	Towards a reliable seismic microzonation in Tehran, Iran. <i>Engineering Geology</i> , <b>2007</b> , 93, 1-16	6	20
133	Neo-deterministic definition of seismic input for residential seismically isolated buildings. <i>Engineering Geology</i> , <b>2008</b> , 101, 89-95	6	20
132	Seismotectonic Model and CN Earthquake Prediction in Italy. <i>Pure and Applied Geophysics</i> , <b>1999</b> , 154, 281-306	2.2	20
131	On intermediate-term earthquake prediction in central Italy. <i>Pure and Applied Geophysics</i> , <b>1990</b> , 134, 79-92	2.2	20
130	The SISMA prototype system: integrating Geophysical Modeling and Earth Observation for time-dependent seismic hazard assessment. <i>Natural Hazards</i> , <b>2013</b> , 69, 1179-1198	3	19
129	Source geometry of historical events retrieved by synthetic isoseismals. <i>Tectonophysics</i> , <b>1991</b> , 193, 173-184	3.1	19
128	Phase velocity determination of fundamental Love and Rayleigh waves. <i>Pure and Applied Geophysics</i> , <b>1976</b> , 114, 753-763	2.2	19
127	Seismogenic nodes as a viable alternative to seismogenic zones and observed seismicity for the definition of seismic hazard at regional scale. <i>Vietnam Journal of Earth Sciences</i> , <b>2019</b> , 41, 289-304	2.1	19
126	A seismological and engineering perspective on the 2016 Central Italy earthquakes. <i>International Journal of Earthquake and Impact Engineering</i> , <b>2016</b> , 1, 395	0.5	18

125	The lithosphere in Italy: structure and seismicity. <i>Journal of the Virtual Explorer</i> , <b>2010</b> , 36,		18
124	Crustal structure beneath Discovery Bank in the Scotia Sea from group velocity tomography and seismic reflection data. <i>Antarctic Science</i> , <b>2005</b> , 17, 97-106	1.7	18
123	Inversion of seismograms to determine simultaneously the moment tensor components and source time function for a point source buried in a horizontally layered medium. <i>Studia Geophysica Et Geodaetica</i> , <b>1991</b> , 35, 166-183	0.7	18
122	Properties of the lithosphere-asthenosphere system in Europe with a view toward earth conductivity. <i>Pure and Applied Geophysics</i> , <b>1987</b> , 125, 241-254	2.2	18
121	Shear-Wave Velocity Tomography of the Lithosphere-Asthenosphere System beneath the Iranian Plateau. <i>Bulletin of the Seismological Society of America</i> , <b>2014</b> , 104, 2782-2798	2.3	17
120	Earthquakes site effects modeling by hybrid MS-BIEM: the case study of Sofia, Bulgaria. <i>Rendiconti Lincei</i> , <b>2009</b> , 20, 91-116	1.7	17
119	Tomographic Study of the Adriatic Plate. <i>Pure and Applied Geophysics</i> , <b>2005</b> , 162, 311-329	2.2	16
118	CN algorithm and long-lasting changes in reported magnitudes: the case of Italy. <i>Geophysical Journal International</i> , <b>2000</b> , 141, 425-437	2.6	16
117	Lateral variations in the European lithosphere and seismic activity. <i>Physics of the Earth and Planetary Interiors</i> , <b>1983</b> , 33, 194-197	2.3	16
116	Active carbon sequestration in the Alpine mantle wedge and implications for long-term climate trends. <i>Scientific Reports</i> , <b>2018</b> , 8, 4740	4.9	15
115	Delineation of the geometry of nodes in the AlpsDinarides hinge zone and recognition of seismogenic nodes (M 6). <i>Terra Nova</i> , <b>2009</b> , 21, 257-264	3	15
114	Modeling of SH- and P-SV-wave fields and seismic microzonation based on response spectra for Talchir Basin, India. <i>Engineering Geology</i> , <b>2009</b> , 104, 80-97	6	15
113	Intermediate-term Predictions of Earthquakes in Italy: Algorithm M8. <i>Pure and Applied Geophysics</i> , <b>1998</b> , 152, 37-55	2.2	15
112	The Main Features of the Local Geological Conditions Can Explain the Macroseismic Intensity Caused in Xiji-Langfu (Beijing) by the Ms = 7.7 Tangshan 1976 Earthquake. <i>Pure and Applied Geophysics</i> , <b>1998</b> , 152, 507-521	2.2	15
111	Amplitude and phase differentiation of synthetic seismograms: a must for waveform inversion at regional scale. <i>Geophysical Journal International</i> , <b>1999</b> , 136, 83-98	2.6	15
110	Deep structure of the Alborz Mountains by joint inversion of P receiver functions and dispersion curves. <i>Physics of the Earth and Planetary Interiors</i> , <b>2018</b> , 277, 70-80	2.3	14
109	Imaging a relic of complex tectonics: the lithosphere-asthenosphere structure in the Eastern Mediterranean. <i>Terra Nova</i> , <b>2013</b> , 25, 102-109	3	14
108	Uranium groundwater anomalies and active normal faulting. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2011</b> , 288, 101-107	1.5	14

107	Shear wave structural models of Venice Plain, Italy, from Time Cross Correlation of seismic noise. <i>Engineering Geology</i> , <b>2010</b> , 116, 189-195	6	14
106	Caveats in Multi-modal Inversion of Seismic Surface Wavefields. <i>Pure and Applied Geophysics</i> , <b>2006</b> , 163, 1215-1233	2.2	14
105	Amplification of strong ground motion in the city of Zagreb, Croatia, estimated by computation of synthetic seismograms. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2002</b> , 22, 105-113	3.5	14
104	Surface wave tomography and seismic source studies at Campi Flegrei (Italy). <i>Physics of the Earth and Planetary Interiors</i> , <b>2002</b> , 134, 157-173	2.3	14
103	Seismic heterogeneities in the Indian lithosphere. <i>Physics of the Earth and Planetary Interiors</i> , <b>1992</b> , 73, 189-198	2.3	14
102	Simulation of Seismicity in the Block-structure Model of Italy and its Surroundings. <i>Pure and Applied Geophysics</i> , <b>2007</b> , 164, 2193-2234	2.2	13
101	Crustal versus asthenospheric relaxation and post-seismic deformation for shallow normal faulting earthquakes: the Umbria-Marche (central Italy) case. <i>Geophysical Journal International</i> , <b>2000</b> , 141, F7-F11	2.6	13
100	Realistic modelling of waveforms in laterally heterogeneous anelastic media by modal summation. <i>Geophysical Journal International</i> , <b>2000</b> , 143, 340-352	2.6	13
99	Upper-mantle structure of north-central Italy from the dispersion of Rayleigh waves. <i>Tectonophysics</i> , <b>1979</b> , 56, 51-63	3.1	13
98	Broadband NDSHA computations and earthquake ground motion observations for the Italian territory. <i>International Journal of Earthquake and Impact Engineering</i> , <b>2016</b> , 1, 131	0.5	12
97	Stability of premonitory seismicity pattern and intermediate-term earthquake prediction in Central Italy. <i>Pure and Applied Geophysics</i> , <b>1995</b> , 145, 259-275	2.2	12
96	An averaged model for the Adriatic subplate. <i>Pure and Applied Geophysics</i> , <b>1978</b> , 116, 1284-1298	2.2	12
95	Seismic risk mitigation at Ischia island (Naples, Southern Italy): An innovative approach to mitigate catastrophic scenarios. <i>Engineering Geology</i> , <b>2019</b> , 261, 105285	6	11
94	Source moment tensors of the earthquake swarm in Abu-Dabbab area, south-east Egypt. <i>Rendiconti Lincei</i> , <b>2012</b> , 23, 149-163	1.7	11
93	Average shear wave velocity models of the crustal structure at Mt. Vesuvius. <i>Physics of the Earth and Planetary Interiors</i> , <b>2005</b> , 152, 7-21	2.3	11
92	Insight on seismic hazard studies for Egypt. <i>Engineering Geology</i> , <b>2017</b> , 220, 99-109	6	10
91	Influence of epicentral distance on local seismic response in Kolkata City, India. <i>Journal of Earth System Science</i> , <b>2013</b> , 122, 321-338	1.8	10
90	Climatic modulation of seismicity in the Alpine-Himalayan mountain ranges. <i>Terra Nova</i> , <b>2011</b> , 23, 19-25	3	10

89	Three-Dimensional Seismic Wave Propagation by Modal Summation: Method and Validation. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 201-216	2.2	10
88	Magma intrusion in the upper crust of the Abu Dabbab area, South East of Egypt from Vp and Vp/Vs tomography. <i>Rendiconti Lincei</i> , <b>2009</b> , 20, 1-19	1.7	10
87	An earthquake scenario for the microzonation of Sofia and the vulnerability of structures designed by use of the Eurocodes. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2007</b> , 27, 1028-1041	3.5	10
86	Deterministic modelling for microzonation of Sofia - An expected earthquake scenario. <i>Acta Geodaetica Et Geophysica Hungarica</i> , <b>2004</b> , 39, 275-295		10
85	Prediction of the occurrence of Related Strong Earthquakes in Italy. <i>Pure and Applied Geophysics</i> , <b>1993</b> , 141, 25-41	2.2	10
84	Influence of focal mechanism on shape of isoseismals: Irpinia earthquake of November 23, 1980. <i>Pure and Applied Geophysics</i> , <b>1982</b> , 120, 577-582	2.2	10
83	How geodesy can contribute to the understanding and prediction of earthquakes. <i>Rendiconti Lincei</i> , <b>2018</b> , 29, 81-93	1.7	9
82	Stability of intermediate-term earthquake predictions with respect to random errors in magnitude: the case of central Italy. <i>Physics of the Earth and Planetary Interiors</i> , <b>2002</b> , 130, 117-127	2.3	9
81	estimation in southwestern Europe from P-wave and surface-wave tomography analysis. <i>Physics of the Earth and Planetary Interiors</i> , <b>1993</b> , 78, 229-237	2.3	9
80	Thermal structure of the shallow upper mantle beneath Italy and neighbouring areas: Correlation with magmatic activity and geodynamic significance. <i>Earth-Science Reviews</i> , <b>2012</b> , 114, 369-385	10.2	8
79	Lithospheric structure below seismic stations in Cuba from the joint inversion of Rayleigh surface waves dispersion and receiver functions. <i>Geophysical Journal International</i> , <b>2012</b> , 189, 1047-1059	2.6	8
78	Hot/Cold Spots in Italian Macroseismic Data. <i>Pure and Applied Geophysics</i> , <b>2011</b> , 168, 739-752	2.2	8
77	The shear-wave velocity structure of the lithosphere-asthenosphere system in the Iberian area and surroundings. <i>Rendiconti Lincei</i> , <b>2010</b> , 21, 183-231	1.7	8
76	Relationships between magmatism and lithosphere-asthenosphere structure in the Western Mediterranean and implications for geodynamics. <i>Rendiconti Lincei</i> , <b>2008</b> , 19, 291-309	1.7	8
75	Determination of the seismic moment tensor for local events in the South Shetland Islands and Bransfield Strait. <i>Geophysical Journal International</i> , <b>2006</b> , 167, 684-692	2.6	8
74	Ground Motion Zoning of Santiago de Cuba: An Approach by SH Waves Modelling. <i>Pure and Applied Geophysics</i> , <b>2004</b> , 161, 1041-1059	2.2	8
73	Structural heterogeneity and anisotropy based on 2-D phase velocity patterns of Rayleigh waves in Western Europe. <i>Rendiconti Lincei</i> , <b>1990</b> , 1, 127-135	1.7	8
72	Deep structure of southeastern Europe from Rayleigh waves. <i>Tectonophysics</i> , <b>1984</b> , 110, 189-200	3.1	8

71	Upper mantle structure of the Apulian plate from Rayleigh waves. <i>Pure and Applied Geophysics</i> , <b>1980</b> , 118, 823-830	2.2	8
70	Comparison of the multimode surface wave response in structures with and without a low velocity channel (part I: Dip-slip sources on a vertical fault plane). <i>Pure and Applied Geophysics</i> , <b>1974</b> , 112, 583-596 <sup>2.2</sup>	2.2	8
69	Space-Time Precursory Features within Ground Velocities and Seismicity in North-Central Italy. <i>Pure and Applied Geophysics</i> , <b>2020</b> , 177, 369-386	2.2	8
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