Paolo Gasperini

List of Publications by Year
in descending order

93	3,583	159525 30	143943 57
papers	citations	h-index	g-index

98	98	98	2808
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comment on â€œHigh-Definition Mapping of the Gutenbergâ€“Richter b-Value and Its Relevance: A Case Study in Italyâ€•by M. Taroni, J. Zhuang, and W. Marzocchi. Seismological Research Letters, 2022, 93, 1089-1094.	0.8	4
2	Retrospective short-term forecasting experiment in Italy based on the occurrence of strong (fore) shocks. Geophysical Journal International, 2021, 225, 1192-1206.	1.0	3
3	Inhomogeneity of Macroseismic Intensities in Italy and Consequences for Macroseismic Magnitude Estimation. Seismological Research Letters, 2021, 92, 2234-2244.	0.8	9
4	Contamination of Frequencyâ€“Magnitude Slope (b-Value) by Quarry Blasts: An Example for Italy. Seismological Research Letters, 2021, 92, 3538-3551.	0.8	11
5	The Homogenized Instrumental Seismic Catalog (HORUS) of Italy from 1960 to Present. Seismological Research Letters, 2020, 91, 3208-3222.	0.8	26
6	The Italian earthquake catalogue CPTI15. Bulletin of Earthquake Engineering, 2020, 18, 2953-2984.	2.3	204
7	Simultaneous Dependence of the Earthquakeâ€Size Distribution on Faulting Style and Depth. Geophysical Research Letters, 2019, 46, 11044-11053.	1.5	10
8	The influence of faulting style on the size-distribution of global earthquakes. Earth and Planetary Science Letters, 2019, 527, 115791.	1.8	36
9	Fast characterization of sources of recent Italian earthquakes from macroseismic intensities. Tectonophysics, 2019, 750, 70-92.	0.9	6
10	Harmonic Fluctuation of the Slope of the Frequencyâ€“Magnitude Distribution (bâ€Value) as a Function of the Angle of Rake. Bulletin of the Seismological Society of America, 2018, 108, 1864-1876.	1.1	10
11	Reply to â€œComment on â€˜Unbiased Estimation of Moment Magnitude from Bodyâ€•and Surfaceâ€Wave Magnitudesâ€™ by R. Das, H. R. Wason, and M. L. Sharma and â€˜Comparative Analysis of Regression Methods Used for Seismic Magnitudes Conversionsâ€™ by P. Gasperini, B. Lolli, and S. Castellaroâ€•by J. Pujol. Bulletin of the Seismological Society of America, 2018, 108, 548-551.	1.1	2
12	Homogenization in Terms of Mw of Local Magnitudes of Italian Earthquakes That Occurred before 1981. Bulletin of the Seismological Society of America, 2018, 108, 481-492.	1.1	5
13	Estimating the macroseismic parameters of earthquakes in eastern Iran. Journal of Geodynamics, 2017, 110, 43-58.	0.7	2
14	Re-assessing the intensity values of Iranian earthquakes using EMS and ESI scales. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	5
15	Relative frequencies of seismic main shocks after strong shocks in Italy. Geophysical Journal International, 2016, 207, 150-159.	1.0	3
16	Comment on â€œThe Curious Case of the 1346 Earthquake Recorded Only by Very Young Chroniclersâ€•by Romano Camassi and Viviana Castelli. Seismological Research Letters, 2015, 86, 1185-1191.	0.8	2
17	Automated assessment of macroseismic intensity from written sources using the fuzzy sets. Bulletin of Earthquake Engineering, 2015, 13, 2769-2803.	2.3	6
18	Recalibration of the Distance Correction Term for Local Magnitude (M_L) Computations in Italy. Seismological Research Letters, 2015, 86, 1383-1392.	0.8	12

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19	Comparative Analysis of Regression Methods Used for Seismic Magnitude Conversions. Bulletin of the Seismological Society of America, 2015, 105, 1787-1791.	1.1	20
20	The determination of earthquake location and magnitude from macroseismic data in Europe. Bulletin of Earthquake Engineering, 2015, 13, 1249-1280.	2.3	16
21	Comment on â€˜Magnitude conversion problem using general orthogonal regressionâ€™ by H. R. Wason, Ranjit Das and M. L. Sharma, (Geophys. J. Int., 190, 1091â€“1096). Geophysical Journal International, 2014, 196, 626-627.	1.0	6
22	Comment on "General Orthogonal Regression Relations between Body-Wave and Moment Magnitudes" by Ranjit Das, H. R. Wason, and M. L. Sharma. Seismological Research Letters, 2014, 85, 351-351.	0.8	3
23	Empirical conversion between teleseismic magnitudes (mb and Ms) and moment magnitude (Mw) at the Global, Euro-Mediterranean and Italian scale. Geophysical Journal International, 2014, 199, 805-828.	1.0	48
24	Body-Wave Magnitude mb Is a Good Proxy of Moment Magnitude Mw for Small Earthquakes (mb<4.5-5.0). Seismological Research Letters, 2013, 84, 932-937.	0.8	26
25	The SHARE European Earthquake Catalogue (SHEEC) 1000â€“1899. Journal of Seismology, 2013, 17, 523-544.	0.6	280
26	Empirical Calibration of Local Magnitude Data Sets Versus Moment Magnitude in Italy. Bulletin of the Seismological Society of America, 2013, 103, 2227-2246.	1.1	68
27	Viscoelastic Deformations and Temporal Variations in the Geopotential. Geophysical Monograph Series, 2013, , 115-123.	0.1	0
28	Geomagnetic South Atlantic Anomaly and global sea level rise: A direct connection?. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 74, 129-135.	0.6	16
29	A comparison among general orthogonal regression methods applied to earthquake magnitude conversions. Geophysical Journal International, 2012, 190, 1135-1151.	1.0	40
30	A comparison of moment magnitude estimates for the European-Mediterranean and Italian regions. Geophysical Journal International, 2012, 190, 1733-1745.	1.0	50
31	Implementation of the Complete Sea Level Equation in a 3D Finite Elements Scheme: A Validation Study. International Association of Geodesy Symposia, 2012, , 393-397.	0.2	2
32	A benchmark study for glacial isostatic adjustment codes. Geophysical Journal International, 2011, 185, 106-132.	1.0	97
33	Time variations of aftershock decay parameters of the 2009 April 6 Lâ€™Aquila (central Italy) earthquake: evidence of the emergence of a negative exponential regime superimposed to the power law. Geophysical Journal International, 2011, 185, 764-774.	1.0	8
34	The Location and Sizing of Historical Earthquakes Using the Attenuation of Macroseismic Intensity with Distance. Bulletin of the Seismological Society of America, 2010, 100, 2035-2066.	1.1	103
35	An empirical comparison among aftershock decay models. Physics of the Earth and Planetary Interiors, 2009, 175, 183-193.	0.7	12
36	A comparative analysis of different models of aftershock rate decay by maximum likelihood estimation of simulated sequences. Journal of Geophysical Research, 2009, 114, .	3.3	7

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37	An atlas of Mediterranean seismicity. Annals of Geophysics, 2009, 47, .	0.5	18
38	Deriving numerical estimates from descriptive information: the computation of earthquake parameters. Annals of Geophysics, 2009, 43, .	0.5	24
39	The Attenuation of Seismic Intensity in Italy, Part I: Theoretical and Empirical Backgrounds. Bulletin of the Seismological Society of America, 2008, 98, 682-691.	1.1	38
40	The Attenuation of Seismic Intensity in Italy, Part II: Modeling and Validation. Bulletin of the Seismological Society of America, 2008, 98, 692-708.	1.1	70
41	Modelling of mantle postglacial relaxation in axisymmetric geometry with a composite rheology and a glacial load interpolated by adjusted spherical harmonics analysis. Geophysical Journal International, 2007, 169, 1301-1314.	1.0	10
42	Kinematics of the Western Africa-Eurasia plate boundary from focal mechanisms and GPS data. Geophysical Journal International, 2007, 169, 1180-1200.	1.0	460
43	Correlation between the parameters of the aftershock rate equation: Implications for the forecasting of future sequences. Physics of the Earth and Planetary Interiors, 2006, 156, 41-58.	0.7	24
44	The Italian CMT dataset from 1977 to the present. Physics of the Earth and Planetary Interiors, 2006, 159, 286-303.	0.7	392
45	Comparing different models of aftershock rate decay: The role of catalog incompleteness in the first times after main shock. Tectonophysics, 2006, 423, 43-59.	0.9	44
46	Some insights on the occurrence of recent volcanic eruptions of Mount Etna volcano (Sicily, Italy). Geophysical Journal International, 2005, 163, 1203-1218.	1.0	33
47	Linear or nonlinear rheology in the mantle: a 3D finite-element approach to postglacial rebound modeling. Journal of Geodynamics, 2005, 39, 183-195.	0.7	18
48	Linear or non-linear rheology in the Earth's mantle: the prevalence of power-law creep in the postglacial isostatic readjustment of Laurentia. Geophysical Journal International, 2004, 157, 1297-1302.	1.0	23
49	Title is missing!. Journal of Seismology, 2003, 7, 235-257.	0.6	61
50	A database of revised fault plane solutions for Italy and surrounding regions. Computers and Geosciences, 2003, 29, 903-909.	2.0	29
51	FPSPACK: a package of FORTRAN subroutines to manage earthquake focal mechanism data. Computers and Geosciences, 2003, 29, 893-901.	2.0	33
52	Lateral variations of seismic intensity attenuation in Italy. Geophysical Journal International, 2003, 155, 839-856.	1.0	27
53	Insights from scaled analogue modelling into the seismotectonics of the Iranian region. Tectonophysics, 2003, 376, 137-149.	0.9	34
54	Local magnitude revaluation for recent Italian earthquakes (1981â€“1996). Journal of Seismology, 2002, 6, 503-524.	0.6	50

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55	Active Tectonics and Seismic Zonation of the Urban Area of Florence, Italy. , 2001, 158, 2313-2332.		18
56	Numerical modelling of the Aegean-Anatolian region: geodynamical constraints from observed rheological heterogeneities. Geophysical Journal International, 2001, 146, 760-780.	1.0	26
57	The Attenuation of Seismic Intensity in Italy: A Bilinear Shape Indicates the Dominance of Deep Phases at Epicentral Distances Longer than 45 km. Bulletin of the Seismological Society of America, 2001, 91, 826-841.	1.1	48
58	Reassessing the New Madrid Seismic Zone. Eos, 2000, 81, 397.	0.1	20
59	Encoding and computer analysis of macroseismic effects. Physics and Chemistry of the Earth, 1999, 24, 505-510.	0.6	7
60	Reproducing the velocity and stress fields in the aegean Region. Geophysical Research Letters, 1997, 24, 2087-2090.	1.5	24
61	VAN: Candidacy and validation with the latest laws of the game. Geophysical Research Letters, 1996, 23, 1327-1330.	1.5	7
62	Precursor candidacy and validation: The VAN Case so far. Geophysical Research Letters, 1996, 23, 1323-1326.	1.5	10
63	Rebuttal to Replies I and II by Varotsos et al.. Geophysical Research Letters, 1996, 23, 1339-1340.	1.5	2
64	Re-Rebuttal to the Reply of Varotsos et al.. Geophysical Research Letters, 1996, 23, 1343-1344.	1.5	2
65	Reply to the comment by D. K. Yamaguchi on ?Cross-correlation analysis of seismic and volcanic data at Mt. Etna volcano, Italy?. Bulletin of Volcanology, 1996, 57, 581-583.	1.1	0
66	Dynamic models of subduction: geophysical and geological evidence in the Tyrrhenian Sea. Geophysical Journal International, 1996, 126, 555-578.	1.0	80
67	Evaluation of the applicability of the time- and slip-predictable earthquake recurrence models to Italian seismicity. Geophysical Journal International, 1995, 120, 453-473.	1.0	33
68	Reply to the comment by D. K. Yamaguchi on ?Cross-correlation analysis of seismic and volcanic data at Mt. Etna volcano, Italy?. Bulletin of Volcanology, 1995, 57, 463-465.	1.1	0
69	The role of subduction on the horizontal motions in the Tyrrhenian Basin: A numerical model. Geophysical Research Letters, 1994, 21, 529-532.	1.5	11
70	A network of multi-sensor stations for continuous monitoring of ground motion and deformation. Physics of the Earth and Planetary Interiors, 1994, 84, 289-298.	0.7	1
71	Cross-correlation analysis of seismic and volcanic data at Mt Etna volcano, Italy. Bulletin of Volcanology, 1993, 55, 596-603.	1.1	22
72	Reply to Takayama's comment. Geophysical Journal International, 1993, 115, 1199-1201.	1.0	9

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73	Plate motion and dragging of the upper mantle: Lateral variations of lithospheric thickness and their implications for intraplate deformation. Geophysical Research Letters, 1992, 19, 749-752.	1.5	5
74	Postglacial rebound with a nonâ€Newtonian upper mantle and a Newtonian lower mantle rheology. Geophysical Research Letters, 1992, 19, 1711-1714.	1.5	24
75	Evaluating the statistical validity beyond chance of â€˜VANâ€™ earthquake precursors. Geophysical Journal International, 1992, 111, 32-44.	1.0	70
76	Statistical identification of physical patterns which accompany eruptive activity on Mount Etna, Sicily. Journal of Volcanology and Geothermal Research, 1992, 53, 289-296.	0.8	27
77	Time and space clustering of Etna volcano earthquakes during the period May 1983â€“February 1987. Journal of Volcanology and Geothermal Research, 1992, 53, 297-307.	0.8	6
78	Pattern recognition applied to volcanic activity: Identification of the precursory patterns to Etna recent flank eruptions and periods of rest. Journal of Volcanology and Geothermal Research, 1991, 45, 187-196.	0.8	31
79	Deep Continental Roots: The Effects of Lateral Variations of Viscosity on Post-Glacial Rebound. , 1991, , 21-32.		17
80	Finite element modeling of lateral viscosity heterogeneities and post-glacial rebound. Tectonophysics, 1990, 179, 141-149.	0.9	19
81	Effects of lateral viscosity variations on postglacial rebound: Implications for recent seaâ€level trends. Geophysical Research Letters, 1990, 17, 5-8.	1.5	27
82	Statistical analysis of seismic and eruptive activities at Mt. Etna during 1978â€“1987. Journal of Volcanology and Geothermal Research, 1990, 40, 317-325.	0.8	25
83	Lateral heterogeneities in mantle viscosity and post-glacial rebound. Geophysical Journal International, 1989, 98, 413-428.	1.0	68
84	Glacial isostasy and the interplay between upper and lower mantle lateral viscosity heterogeneities. Geophysical Research Letters, 1989, 16, 429-432.	1.5	24
85	Mantle rheology and satellite signatures from presentâ€day glacial forcings. Journal of Geophysical Research, 1988, 93, 437-447.	3.3	44
86	Contour mapping of Italian seismicity. Tectonophysics, 1987, 142, 203-216.	0.9	45
87	Azimuthal dependence in the gravity field induced by recent and past cryospheric forcings. Geophysical Research Letters, 1987, 14, 812-815.	1.5	16
88	Identifying different regimes in eruptive activity: An application to Etna volcano. Journal of Volcanology and Geothermal Research, 1987, 34, 89-106.	0.8	66
89	On transient rheology and glacial isostasy. Journal of Geophysical Research, 1986, 91, 11420-11438.	3.3	87
90	Excitation of the Earth's rotational axis by recent glacial discharges. Geophysical Research Letters, 1986, 13, 533-536.	1.5	29

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91	The effects of transient rheology on the interpretation of lower mantle viscosity. Geophysical Research Letters, 1985, 12, 361-364.	1.5	70
92	Focal depth information from the SH body wave spectrum of a deep earthquake. Pure and Applied Geophysics, 1980, 118, 1234-1247.	0.8	0
93	Full-Waveform based methods for Microseismic Monitoring Operations: an Application to Natural and Induced Seismicity in the Hengill Geothermal Area, Iceland. Advances in Geosciences, 0, 54, 129-136.	12.0	7