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	Kinematics of the Western Africa-Eurasia plate boundary from focal mechanisms and GPS data. Geophysical Journal International, 2007, 169, 1180-1200.	1.0	460
2	The Italian CMT dataset from 1977 to the present. Physics of the Earth and Planetary Interiors, 2006, 159, 286-303.	0.7	392
3	The SHARE European Earthquake Catalogue (SHEEC) 1000â€“1899. Journal of Seismology, 2013, 17, 523-544.	0.6	280
4	The Italian earthquake catalogue CPTI15. Bulletin of Earthquake Engineering, 2020, 18, 2953-2984.	2.3	204
5	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
6	A benchmark study for glacial isostatic adjustment codes. Geophysical Journal International, 2011, 185, 106-132.	1.0	97
7	On transient rheology and glacial isostasy. Journal of Geophysical Research, 1986, 91, 11420-11438.	3.3	87
8	Dynamic models of subduction: geophysical and geological evidence in the Tyrrhenian Sea. Geophysical Journal International, 1996, 126, 555-578.	1.0	80
9	The effects of transient rheology on the interpretation of lower mantle viscosity. Geophysical Research Letters, 1985, 12, 361-364.	1.5	70
10	Evaluating the statistical validity beyond chance of â€˜VANâ€™ earthquake precursors. Geophysical Journal International, 1992, 111, 32-44.	1.0	70
11	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
12	Lateral heterogeneities in mantle viscosity and post-glacial rebound. Geophysical Journal International, 1989, 98, 413-428.	1.0	68
13	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
14	Identifying different regimes in eruptive activity: An application to Etna volcano. Journal of Volcanology and Geothermal Research, 1987, 34, 89-106.	0.8	66
15	Title is missing!. Journal of Seismology, 2003, 7, 235-257.	0.6	61
16	Local magnitude revaluation for recent Italian earthquakes (1981â€“1996). Journal of Seismology, 2002, 6, 503-524.	0.6	50
17	A comparison of moment magnitude estimates for the European-Mediterranean and Italian regions. Geophysical Journal International, 2012, 190, 1733-1745.	1.0	50
18	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

#	Article	IF	Citations
19	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
20	Contour mapping of Italian seismicity. Tectonophysics, 1987, 142, 203-216.	0.9	45
21	Mantle rheology and satellite signatures from presentâ€day glacial forcings. Journal of Geophysical Research, 1988, 93, 437-447.	3.3	44
22	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
23	A comparison among general orthogonal regression methods applied to earthquake magnitude conversions. Geophysical Journal International, 2012, 190, 1135-1151.	1.0	40
24	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
25	The influence of faulting style on the size-distribution of global earthquakes. Earth and Planetary Science Letters, 2019, 527, 115791.	1.8	36
26	Insights from scaled analogue modelling into the seismotectonics of the Iranian region. Tectonophysics, 2003, 376, 137-149.	0.9	34
27	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
28	FPSPACK: a package of FORTRAN subroutines to manage earthquake focal mechanism data. Computers and Geosciences, 2003, 29, 893-901.	2.0	33
29	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
30	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
31	Excitation of the Earth's rotational axis by recent glacial discharges. Geophysical Research Letters, 1986, 13, 533-536.	1.5	29
32	A database of revised fault plane solutions for Italy and surrounding regions. Computers and Geosciences, 2003, 29, 903-909.	2.0	29
33	Effects of lateral viscosity variations on postglacial rebound: Implications for recent seaâ€level trends. Geophysical Research Letters, 1990, 17, 5-8.	1.5	27
34	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
35	Lateral variations of seismic intensity attenuation in Italy. Geophysical Journal International, 2003, 155, 839-856.	1.0	27
36	Numerical modelling of the Aegean-Anatolian region: geodynamical constraints from observed rheological heterogeneities. Geophysical Journal International, 2001, 146, 760-780.	1.0	26

#	Article	IF	Citations
37	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
38	The Homogenized Instrumental Seismic Catalog (HORUS) of Italy from 1960 to Present. Seismological Research Letters, 2020, 91, 3208-3222.	0.8	26
39	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
40	Glacial isostasy and the interplay between upper and lower mantle lateral viscosity heterogeneities. Geophysical Research Letters, 1989, 16, 429-432.	1.5	24
41	Postglacial rebound with a nonâ€Newtonian upper mantle and a Newtonian lower mantle rheology. Geophysical Research Letters, 1992, 19, 1711-1714.	1.5	24
42	Reproducing the velocity and stress fields in the aegean Region. Geophysical Research Letters, 1997, 24, 2087-2090.	1.5	24
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	Deriving numerical estimates from descriptive information: the computation of earthquake parameters. Annals of Geophysics, 2009, 43, .	0.5	24
45	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
46	Cross-correlation analysis of seismic and volcanic data at Mt Etna volcano, Italy. Bulletin of Volcanology, 1993, 55, 596-603.	1.1	22
47	Reassessing the New Madrid Seismic Zone. Eos, 2000, 81, 397.	0.1	20
48	Comparative Analysis of Regression Methods Used for Seismic Magnitude Conversions. Bulletin of the Seismological Society of America, 2015, 105, 1787-1791.	1.1	20
49	Finite element modeling of lateral viscosity heterogeneities and post-glacial rebound. Tectonophysics, 1990, 179, 141-149.	0.9	19
50	Active Tectonics and Seismic Zonation of the Urban Area of Florence, Italy. , 2001, 158, 2313-2332.		18
51	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
52	An atlas of Mediterranean seismicity. Annals of Geophysics, 2009, 47, .	0.5	18
53	Deep Continental Roots: The Effects of Lateral Variations of Viscosity on Post-Glacial Rebound. , 1991, , 21-32.		17
54	Azimuthal dependence in the gravity field induced by recent and past cryospheric forcings. Geophysical Research Letters, 1987, 14, 812-815.	1.5	16

#	Article	IF	Citations
55	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
56	The determination of earthquake location and magnitude from macroseismic data in Europe. Bulletin of Earthquake Engineering, 2015, 13, 1249-1280.	2.3	16
57	An empirical comparison among aftershock decay models. Physics of the Earth and Planetary Interiors, 2009, 175, 183-193.	0.7	12
58	Recalibration of the Distance Correction Term for Local Magnitude (M_L) Computations in Italy. Seismological Research Letters, 2015, 86, 1383-1392.	0.8	12
59	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
60	Contamination of Frequencyâ€“Magnitude Slope (b-Value) by Quarry Blasts: An Example for Italy. Seismological Research Letters, 2021, 92, 3538-3551.	0.8	11
61	Precursor candidacy and validation: The VAN Case so far. Geophysical Research Letters, 1996, 23, 1323-1326.	1.5	10
62	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
63	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
64	Simultaneous Dependence of the Earthquakeâ€Size Distribution on Faulting Style and Depth. Geophysical Research Letters, 2019, 46, 11044-11053.	1.5	10
65	Reply to Takayama's comment. Geophysical Journal International, 1993, 115, 1199-1201.	1.0	9
66	Inhomogeneity of Macroseismic Intensities in Italy and Consequences for Macroseismic Magnitude Estimation. Seismological Research Letters, 2021, 92, 2234-2244.	0.8	9
67	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
68	VAN: Candidacy and validation with the latest laws of the game. Geophysical Research Letters, 1996, 23, 1327-1330.	1.5	7
69	Encoding and computer analysis of macroseismic effects. Physics and Chemistry of the Earth, 1999, 24, 505-510.	0.6	7
70	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
71	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
72	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

#	Article	IF	Citations
73	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
74	Automated assessment of macroseismic intensity from written sources using the fuzzy sets. Bulletin of Earthquake Engineering, 2015, 13, 2769-2803.	2.3	6
75	Fast characterization of sources of recent Italian earthquakes from macroseismic intensities. Tectonophysics, 2019, 750, 70-92.	0.9	6
76	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
77	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
78	Re-assessing the intensity values of Iranian earthquakes using EMS and ESI scales. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	5
79	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
80	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
81	Relative frequencies of seismic main shocks after strong shocks in Italy. Geophysical Journal International, 2016, 207, 150-159.	1.0	3
82	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
83	Rebuttal to Replies I and II by Varotsos et al.. Geophysical Research Letters, 1996, 23, 1339-1340.	1.5	2
84	Re-Rebuttal to the Reply of Varotsos et al.. Geophysical Research Letters, 1996, 23, 1343-1344.	1.5	2
85	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
86	Estimating the macroseismic parameters of earthquakes in eastern Iran. Journal of Geodynamics, 2017, 110, 43-58.	0.7	2
87	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
88	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
89	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
90	Focal depth information from the SH body wave spectrum of a deep earthquake. Pure and Applied Geophysics, 1980, 118, 1234-1247.	0.8	0

#	Article	IF	Citations
91	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
92	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
93	Viscoelastic Deformations and Temporal Variations in the Geopotential. Geophysical Monograph Series, 2013, , 115-123.	0.1	0