

# Michel Campillo

## List of Publications by Year in descending order

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259  
papers

19,623  
citations

11235

73  
h-index

15253

130  
g-index

265  
all docs

265  
docs citations

265  
times ranked

6946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of seismic scatterers in the San Jacinto Fault Zone, southeast of Anza, California, based on passive matrix imaging. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117304.	1.8	5
2	Hierarchical Exploration of Continuous Seismograms With Unsupervised Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	15
3	Coupled body and surface wave sensitivity kernels for coda-wave interferometry in a three-dimensional scalar scattering medium. <i>Geophysical Journal International</i> , 2022, 230, 1013-1029.	1.0	7
4	An Iterative Linear Method with Variable Shear Stress Magnitudes for Estimating the Stress Tensor from Earthquake Focal Mechanism Data: Method and Examples. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 1224-1239.	1.1	5
5	Observation of rapid long-range seismic bursts in the Japan Trench subduction leading to the nucleation of the Tohoku earthquake. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117696.	1.8	7
6	Laterally varying scattering properties in the North Anatolian Fault Zone from ambient noise cross-correlations. <i>Geophysical Journal International</i> , 2021, 225, 589-607.	1.0	4
7	Seismic, Ambient Noise Correlation. <i>Encyclopedia of Earth Sciences Series</i> , 2021, , 1557-1562.	0.1	1
8	A distortion matrix framework for high-resolution passive seismic 3-D imaging: application to the San Jacinto fault zone, California. <i>Geophysical Journal International</i> , 2021, 226, 780-794.	1.0	9
9	Seismic evidence of fluid migration in northeastern Japan after the 2011 Tohoku-Oki earthquake. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116894.	1.8	14
10	Separation of Poroelastic and Elastic Processes of an Aquifer From Tectonic Phenomena Using Geodetic, Seismic, and Meteorological Data in the Pollino Region, Italy. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009742.	1.0	4
11	Implications of Laterally Varying Scattering Properties for Subsurface Monitoring With Coda Wave Sensitivity Kernels: Application to Volcanic and Fault Zone Setting. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022554.	1.4	8
12	On the measurement of seismic traveltime changes in the time–frequency domain with wavelet cross-spectrum analysis. <i>Geophysical Journal International</i> , 2020, 221, 550-568.	1.0	42
13	Noise-based passive ballistic wave seismic monitoring on an active volcano. <i>Geophysical Journal International</i> , 2020, 220, 501-507.	1.0	13
14	On the use of the coda of seismic noise autocorrelations to compute H/V spectral ratios. <i>Geophysical Journal International</i> , 2020, 220, 1956-1964.	1.0	7
15	A multi-rate iterative coupling scheme for simulating dynamic ruptures and seismic waves generation in the prestressed earth. <i>Journal of Computational Physics</i> , 2020, 405, 109098.	1.9	2
16	Clustering earthquake signals and background noises in continuous seismic data with unsupervised deep learning. <i>Nature Communications</i> , 2020, 11, 3972.	5.8	78
17	Spatiotemporal Correlation Analysis of Noise–Derived Seismic Body Waves With Ocean Wave Climate and Microseism Sources. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009112.	1.0	6
18	Ambient seismic noise imaging of the lowermost mantle beneath the North Atlantic Ocean. <i>Geophysical Journal International</i> , 2020, 222, 1339-1351.	1.0	18

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19	Observation and explanation of spurious seismic signals emerging in teleseismic noise correlations. <i>Solid Earth</i> , 2020, 11, 173-184.	1.2	14
20	Seismic, Ambient Noise Correlation. <i>Encyclopedia of Earth Sciences Series</i> , 2020, , 1-6.	0.1	0
21	Locating Spatial Changes of Seismic Scattering Property by Sparse Modeling of Seismic Ambient Noise Cross-Correlation Functions: Application to the 2008 Iwate-Miyagi Nairiku ( $M_w$ 6.9), Japan, Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019307.	1.4	10
22	Evidence of Changes of Seismic Properties in the Entire Crust Beneath Japan After the $M_w$ 9.0, 2011 Tohoku-oki Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 8924-8941.	1.4	21
23	Systematic Detection of Clustered Seismicity Beneath the Southwestern Alps. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11531-11548.	1.4	21
24	A scalar radiative transfer model including the coupling between surface and body waves. <i>Geophysical Journal International</i> , 2019, 219, 1092-1108.	1.0	14
25	Seismic Velocity Change Patterns Along the San Jacinto Fault Zone Following the 2010 $M_w$ 7.2 El Mayor-Cucapah and $M_w$ 5.4 Collins Valley Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 7171-7192.	1.4	19
26	Seismic Activity Preceding the 2011 $M_w$ 9.0 Tohoku Earthquake, Japan, Analyzed With Multidimensional Template Matching. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6815-6831.	1.4	6
27	Slow slip events in the roots of the San Andreas fault. <i>Science Advances</i> , 2019, 5, eaav3274.	4.7	46
28	4-D Imaging of Subsurface Changes with Coda Waves: Numerical Studies of 3-D Combined Sensitivity Kernels and Applications to the $M_w$ 7.9, 2008 Wenchuan Earthquake. <i>Pure and Applied Geophysics</i> , 2019, 176, 1243-1254.	0.8	18
29	High Temporal Resolution Monitoring of Small Variations in Crustal Strain by Dense Seismic Arrays. <i>Geophysical Research Letters</i> , 2019, 46, 128-137.	1.5	52
30	Imaging subsurface structures in the San Jacinto fault zone with high-frequency noise recorded by dense linear arrays. <i>Geophysical Journal International</i> , 2019, 217, 879-893.	1.0	40
31	Lateral variations of the Guerrero-Oaxaca subduction zone (Mexico) derived from weak seismicity ( $M_b$ 3.5+) detected on a single array at teleseismic distance. <i>Geophysical Journal International</i> , 2018, 213, 1002-1012.	1.0	7
32	Detection and analysis of a transient energy burst with beamforming of multiple teleseismic phases. <i>Geophysical Journal International</i> , 2018, 212, 14-24.	1.0	14
33	Fault Zone Imaging from Correlations of Aftershock Waveforms. <i>Pure and Applied Geophysics</i> , 2018, 175, 2643-2667.	0.8	9
34	Revisiting Slow Slip Events Occurrence in Boso Peninsula, Japan, Combining GPS Data and Repeating Earthquakes Analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1502-1515.	1.4	13
35	Matrix Approach of Seismic Imaging: Application to the Erebus Volcano, Antarctica. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,936.	1.4	19
36	Low-Frequency Earthquakes and Pore Pressure Transients in Subduction Zones. <i>Geophysical Research Letters</i> , 2018, 45, 11,083.	1.5	29

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37	Suspected Deep Interaction and Triggering Between Giant Earthquakes in the Chilean Subduction Zone. <i>Geophysical Research Letters</i> , 2018, 45, 5454-5460.	1.5	7
38	Revealing the cluster of slow transients behind a large slow slip event. <i>Science Advances</i> , 2018, 4, eaat0661.	4.7	51
39	Compositional heterogeneity near the base of the mantle transition zone beneath Hawaii. <i>Nature Communications</i> , 2018, 9, 1266.	5.8	15
40	The impacts of material and geometrical heterogeneities on the simulation of rate and state dependent ruptures. , 2018, , .		0
41	Roger Maynard 1938â€“2015. <i>European Physical Journal: Special Topics</i> , 2017, 226, 1349-1352.	1.2	0
42	Seasonal Crustal Seismic Velocity Changes Throughout Japan. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7987-8002.	1.4	94
43	A geodetic matched filter search for slow slip with application to the Mexico subduction zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 10,498.	1.4	47
44	Analysis of intermediate period correlations of coda from deep earthquakes. <i>Earth and Planetary Science Letters</i> , 2017, 477, 147-155.	1.8	32
45	Improving ambient noise correlation functions with an SVD-based Wiener filter. <i>Geophysical Journal International</i> , 2017, 211, 418-426.	1.0	59
46	Mapping Mantle Transition Zone Discontinuities Beneath the Central Pacific With Array Processing of <i>SS</i> Precursors. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 10,364.	1.4	21
47	Locating Microseism Sources Using Spurious Arrivals in Intercontinental Noise Correlations. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8107-8120.	1.4	31
48	Using slowness and azimuth fluctuations as new observables for four-dimensional reservoir seismic monitoring. <i>Geophysical Prospecting</i> , 2016, 64, 1537-1555.	1.0	2
49	3. Numerical and Physical Modeling of Diffraction. , 2016, , 307-497.		0
50	The evolving interaction of low-frequency earthquakes during transient slip. <i>Science Advances</i> , 2016, 2, e1501616.	4.7	31
51	A methodological approach towards high-resolution surface wave imaging of the San Jacinto Fault Zone using ambient-noise recordings at a spatially dense array. <i>Geophysical Journal International</i> , 2016, 206, 980-992.	1.0	74
52	Potential slab deformation and plunge prior to the Tohoku, Iquique and Maule earthquakes. <i>Nature Geoscience</i> , 2016, 9, 380-383.	5.4	52
53	4-D noise-based seismology at volcanoes: Ongoing efforts and perspectives. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 321, 182-195.	0.8	39
54	Toward 4D Noise-Based Seismic Probing of Volcanoes: Perspectives from a Large-N Experiment on Piton de la Fournaise Volcano. <i>Seismological Research Letters</i> , 2016, 87, 15-25.	0.8	45

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55	Lateral Variations of Interplate Coupling along the Mexican Subduction Interface: Relationships with Long-Term Morphology and Fault Zone Mechanical Properties. <i>Pure and Applied Geophysics</i> , 2016, 173, 3467-3486.	0.8	20
56	Repeating seismicity in the shallow crust modulated by transient stress perturbations. <i>Tectonophysics</i> , 2016, 687, 105-110.	0.9	9
57	Triggering of the 2014 Mw7.3 Papanoa earthquake by a slow slip event in Guerrero, Mexico. <i>Nature Geoscience</i> , 2016, 9, 829-833.	5.4	156
58	Lapse-time-dependent coda-wave depth sensitivity to local velocity perturbations in 3-D heterogeneous elastic media. <i>Geophysical Journal International</i> , 2016, 207, 59-66.	1.0	63
59	Focal spot imaging based on zero lag cross-correlation amplitude fields: Application to dense array data at the San Jacinto fault zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8048-8067.	1.4	45
60	Body and surface wave reconstruction from seismic noise correlations between arrays at Piton de la Fournaise volcano. <i>Geophysical Research Letters</i> , 2016, 43, 1047-1054.	1.5	70
61	Fault zone reverberations from cross-correlations of earthquake waveforms and seismic noise. <i>Geophysical Journal International</i> , 2016, 204, 1503-1517.	1.0	11
62	On the practical convergence of coda-based correlations: a window optimization approach. <i>Geophysical Journal International</i> , 2016, 204, 736-747.	1.0	12
63	Investigation of coseismic and postseismic processes using in situ measurements of seismic velocity variations in an underground mine. <i>Geophysical Research Letters</i> , 2015, 42, 9261-9269.	1.5	39
64	Multiple scattering from icequakes at Erebus volcano, Antarctica: Implications for imaging at glaciated volcanoes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1129-1141.	1.4	23
65	In situ observations of velocity changes in response to tidal deformation from analysis of the high-frequency ambient wavefield. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 210-225.	1.4	49
66	Uncovering the geodetic signature of silent slip through repeating earthquakes. <i>Geophysical Research Letters</i> , 2015, 42, 2774-2779.	1.5	86
67	Crust and Lithospheric Structure - Seismic Imaging and Monitoring with Ambient Noise Correlations. , 2015, , 391-417.		40
68	Imaging the D <sup>3</sup> reflector with noise correlations. <i>Geophysical Research Letters</i> , 2015, 42, 60-65.	1.5	29
69	Modelling non-volcanic tremor, slow slip events and large earthquakes in the Guerrero subduction zone (Mexico) with space-variable frictional weakening and creep. <i>Geophysical Journal International</i> , 2015, 202, 653-669.	1.0	7
70	Along-fault pore-pressure evolution during a slow-slip event in Guerrero, Mexico. <i>Earth and Planetary Science Letters</i> , 2015, 413, 135-143.	1.8	80
71	Noise-based monitoring and imaging of aseismic transient deformation induced by the 2006 Basel reservoir stimulation. <i>Geophysics</i> , 2015, 80, KS51-KS68.	1.4	57
72	Monitoring seismic wave velocity changes associated with the Mw 7.9 Wenchuan earthquake: increasing the temporal resolution using curvelet filters. <i>Geophysical Journal International</i> , 2015, 201, 1939-1949.	1.0	15

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73	Asymmetry of coda cross-correlation function: dependence of the epicentre location. <i>Geophysical Journal International</i> , 2015, 201, 1313-1323.	1.0	8
74	Body-wave reconstruction from ambient seismic noise correlations in an underground mine. <i>Geophysics</i> , 2015, 80, KS11-KS25.	1.4	59
75	Seasonal variations of seismic velocities in the San Jacinto fault area observed with ambient seismic noise. <i>Geophysical Journal International</i> , 2015, 202, 920-932.	1.0	74
76	Identification of surface wave higher modes using a methodology based on seismic noise and coda waves. <i>Geophysical Journal International</i> , 2015, 203, 856-868.	1.0	37
77	Seismic Tomography of the Southern California Plate Boundary Region from Noise-Based Rayleigh and Love Waves. <i>Pure and Applied Geophysics</i> , 2015, 172, 1007-1032.	0.8	112
78	Lateral Variations of Interplate Coupling along the Mexican Subduction Interface: Relationships with Long-Term Morphology and Fault Zone Mechanical Properties. <i>Pageoph Topical Volumes</i> , 2015, , 3467-3486.	0.2	2
79	Green's function retrieval through cross-correlations in a two-dimensional complex reverberating medium. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 1034-1043.	0.5	21
80	Explaining global patterns of microbarom observations with wave action models. <i>Geophysical Journal International</i> , 2014, 199, 1328-1337.	1.0	26
81	Using Diffuse Field Theory to Interpret the H/V Spectral Ratio from Earthquake Records in Cibeles Seismic Station, Mexico City. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 995-1001.	1.1	16
82	On the temporal stability of the coda of ambient noise correlations. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 307-316.	0.4	42
83	Seismic velocity changes, strain rate and non-volcanic tremors during the 2009–2010 slow slip event in Guerrero, Mexico. <i>Geophysical Journal International</i> , 2014, 196, 447-460.	1.0	31
84	Phase velocity tomography of surface waves using ambient noise cross correlation and array processing. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 519-529.	1.4	35
85	Reverberations, coda waves and ambient noise: Correlations at the global scale and retrieval of the deep phases. <i>Earth and Planetary Science Letters</i> , 2014, 391, 137-145.	1.8	69
86	Seismic velocity variations at TCDP are controlled by MJO driven precipitation pattern and high fluid discharge properties. <i>Earth and Planetary Science Letters</i> , 2014, 391, 121-127.	1.8	49
87	Mapping pressurized volcanic fluids from induced crustal seismic velocity drops. <i>Science</i> , 2014, 345, 80-82.	6.0	234
88	Using systematically characterized low-frequency earthquakes as a fault probe in Guerrero, Mexico. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 7686-7700.	1.4	89
89	Antipodal focusing of seismic waves observed with the USArray. <i>Geophysical Journal International</i> , 2014, 199, 1030-1042.	1.0	6
90	Seismic fault zone trapped noise. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 5786-5799.	1.4	39

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91	Seismic noise correlations to image structural and mechanical changes associated with the 7.9 2008 Wenchuan earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3155-3168.	1.4	86
92	Double beamforming processing in a seismic prospecting context. <i>Geophysics</i> , 2013, 78, V101-V108.	1.4	25
93	Interaction of microseisms with crustal heterogeneity: A case study from the San Jacinto fault zone area. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2182-2197.	1.0	32
94	Tracking of velocity variations at depth in the presence of surface velocity fluctuations. <i>Geophysics</i> , 2013, 78, U1-U8.	1.4	5
95	Depth sensitivity of seismic coda waves to velocity perturbations in an elastic heterogeneous medium. <i>Geophysical Journal International</i> , 2013, 194, 372-382.	1.0	136
96	Deformation at depth associated with the 12 May 2008 MW 7.9 Wenchuan earthquake from seismic ambient noise monitoring. <i>Geophysical Research Letters</i> , 2013, 40, 78-82.	1.5	63
97	Teleseismic correlations of ambient seismic noise for deep global imaging of the Earth. <i>Geophysical Journal International</i> , 2013, 194, 844-848.	1.0	117
98	Noise directivity and group velocity tomography in a region with small velocity contrasts: the northern Baltic shield. <i>Geophysical Journal International</i> , 2013, 192, 413-424.	1.0	34
99	Imaging preeruptive and coeruptive structural and mechanical changes of a volcano with ambient seismic noise. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 6285-6294.	1.4	135
100	Low-frequency earthquakes in the Mexican Sweet Spot. <i>Geophysical Research Letters</i> , 2013, 40, 2661-2666.	1.5	73
101	Effect of fault heterogeneity on rupture dynamics: An experimental approach using ultrafast ultrasonic imaging. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5888-5902.	1.4	20
102	First Results from the UnderVolc High Resolution Seismic and GPS Network Deployed on Piton de la Fournaise Volcano. <i>Seismological Research Letters</i> , 2012, 83, 97-102.	0.8	49
103	A passive inverse filter for Green's function retrieval. <i>Journal of the Acoustical Society of America</i> , 2012, 131, EL21-EL27.	0.5	48
104	Multiscale matched-field processing for noise-source localization in exploration geophysics. <i>Geophysics</i> , 2012, 77, KS33-KS41.	1.4	45
105	Global oceanic microseism sources as seen by seismic arrays and predicted by wave action models. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	76
106	Instantaneous phase variation for seismic velocity monitoring from ambient noise at the exploration scale. <i>Geophysics</i> , 2012, 77, Q37-Q44.	1.4	8
107	Body-Wave Imaging of Earth's Mantle Discontinuities from Ambient Seismic Noise. <i>Science</i> , 2012, 338, 1063-1065.	6.0	147
108	Temporal variations of non-volcanic tremor (NVT) locations in the Mexican subduction zone: Finding the NVT sweet spot. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	66

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109	Slow slip events and strain accumulation in the Guerrero gap, Mexico. Journal of Geophysical Research, 2012, 117, .	3.3	146
110	Anatomy of the high-frequency ambient seismic wave field at the TCDP borehole. Journal of Geophysical Research, 2012, 117, .	3.3	19
111	Triggering of tremors and slow slip event in Guerrero, Mexico, by the 2010 Mw 8.8 Maule, Chile, earthquake. Journal of Geophysical Research, 2012, 117, .	3.3	77
112	Emergence of body waves from cross-correlation of short period seismic noise. Geophysical Journal International, 2012, 188, 549-558.	1.0	107
113	Slip acceleration generates seismic tremor like signals in friction experiments. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	25
114	Effective friction law for small-scale fault heterogeneity in 3D dynamic rupture. Journal of Geophysical Research, 2011, 116, .	3.3	14
115	Seismic evidence of nonlinear crustal deformation during a large slow slip event in Mexico. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	107
116	Two successive slow slip events evidenced in 2009-2010 by a dense GPS network in Guerrero, Mexico. Geophysical Research Letters, 2011, 38, .	1.5	21
117	Improving temporal resolution in ambient noise monitoring of seismic wave speed. Journal of Geophysical Research, 2011, 116, .	3.3	53
118	Energy Partitions among Elastic Waves for Dynamic Surface Loads in a Semi-Infinite Solid. Bulletin of the Seismological Society of America, 2011, 101, 1704-1709.	1.1	63
119	Monitoring volcanoes using seismic noise correlations. Comptes Rendus - Geoscience, 2011, 343, 633-638.	0.4	73
120	Reconstructing the Green's function through iteration of correlations. Comptes Rendus - Geoscience, 2011, 343, 623-632.	0.4	30
121	Nouveaux développements de l'imagerie et du suivi temporel à partir du bruit sismique. Comptes Rendus - Geoscience, 2011, 343, 487-495.	0.4	23
122	Elastic-wave identification and extraction through array processing: An experimental investigation at the laboratory scale. Journal of Applied Geophysics, 2011, 74, 81-88.	0.9	19
123	Ultrafast ultrasonic imaging of dynamic sliding friction in soft solids: The slow slip and the super-shear regimes. Europhysics Letters, 2011, 96, 59003.	0.7	21
124	Source depopulation potential and surface-wave tomography using a crosscorrelation method in a scattering medium. Geophysics, 2011, 76, SA51-SA61.	1.4	7
125	Spatial and temporal evolution of a long term slow slip event: the 2006 Guerrero Slow Slip Event. Geophysical Journal International, 2011, 184, 816-828.	1.0	103
126	On the precision of noise correlation interferometry. Geophysical Journal International, 2011, 185, 1384-1392.	1.0	80



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127	A theory for microtremor H/V spectral ratio: application for a layered medium. <i>Geophysical Journal International</i> , 2011, 186, 221-225.	1.0	267
128	Seismic, Ambient Noise Correlation. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1230-1236.	0.1	24
129	Estimation of the effect of nonisotropically distributed energy on the apparent arrival time in correlations. <i>Geophysics</i> , 2010, 75, SA85-SA93.	1.4	153
130	Off-fault plasticity favors the arrest of dynamic ruptures on strength heterogeneity: Two-dimensional cases. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	15
131	Origin of deep ocean microseisms by using teleseismic body waves. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	158
132	Shear wave velocity imaging of the Avignonet landslide (France) using ambient noise cross correlation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	50
133	Distribution of seismic wave speed changes associated with the 12 May 2008 Mw 7.9 Wenchuan earthquake. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	66
134	The 2006 slow slip event and nonvolcanic tremor in the Mexican subduction zone. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	88
135	24. Clayey Landslide Investigations Using Active and Passive V S Measurements. , 2010, , 397-413.		14
136	Two perspectives on equipartition in diffuse elastic fields in three dimensions. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 1125-1130.	0.5	56
137	Dependency of Near-Field Ground Motions on the Structural Maturity of the Ruptured Faults. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2572-2581.	1.1	49
138	Real time monitoring of relative velocity changes using ambient seismic noise at the Piton de la Fournaise volcano (La Réunion) from January 2006 to June 2007. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 184, 164-173.	0.8	107
139	Tomography of the Alpine region from observations of seismic ambient noise. <i>Geophysical Journal International</i> , 2009, 178, 338-350.	1.0	157
140	Energy partition of seismic coda waves in layered media: theory and application to Pinyon Flats Observatory. <i>Geophysical Journal International</i> , 2009, 177, 571-585.	1.0	87
141	Self-similarity of the largest-scale segmentation of the faults: Implications for earthquake behavior. <i>Earth and Planetary Science Letters</i> , 2009, 288, 370-381.	1.8	65
142	Stability of monitoring weak changes in multiply scattering media with ambient noise correlation: Laboratory experiments. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 3688-3695.	0.5	204
143	On the correlation of non-isotropically distributed ballistic scalar diffuse waves. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 1817-1826.	0.5	151
144	Laterally heterogeneous scattering explains Lg blockage in the Pyrenees. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	34

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145	Anticipating the Next Large Silent Earthquake in Mexico. <i>Eos</i> , 2009, 90, 181-182.	0.1	23
146	Denosing seismic noise cross correlations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	51
147	Rupture history of the 1997 Umbria-Marche (Central Italy) main shocks from the inversion of GPS, DInSAR and near field strong motion data. <i>Annals of Geophysics</i> , 2009, 47, .	0.5	8
148	Diffuse fields in dynamic elasticity. <i>Wave Motion</i> , 2008, 45, 641-654.	1.0	95
149	Towards forecasting volcanic eruptions using seismic noise. <i>Nature Geoscience</i> , 2008, 1, 126-130.	5.4	535
150	Cross-correlation of random fields: mathematical approach and applications. <i>Geophysical Prospecting</i> , 2008, 56, 375-393.	1.0	186
151	Reconstructing Green's function by correlation of the coda of the correlation ( $C^3$ ) of ambient seismic noise. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	124
152	6. Imaging. , 2008, , 449-628.		0
153	Postseismic Relaxation Along the San Andreas Fault at Parkfield from Continuous Seismological Observations. <i>Science</i> , 2008, 321, 1478-1481.	6.0	590
154	Convergence of the two-point correlation function toward the Green's function in the context of a seismic-prospecting data set. <i>Geophysics</i> , 2008, 73, V47-V53.	1.4	44
155	4. Green's Function Reconstruction. , 2008, , 99-329.		0
156	Fluctuations of correlations and Green's function reconstruction: Role of scattering. <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	45
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158	Imaging the solid Earth with seismic noise. <i>Journal of Physics: Conference Series</i> , 2008, 118, 012003.	0.3	0
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