

Eric Calais

List of Publications by Year in descending order

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155
papers

10,985
citations

19657

61
h-index

33894

99
g-index

168
all docs

168
docs citations

168
times ranked

6651
citing authors

#	ARTICLE	IF	CITATIONS
1	Citizen seismology helps decipher the 2021 Haiti earthquake. <i>Science</i> , 2022, 376, 283-287.	12.6	25
2	Ongoing tectonic subsidence in the Lesser Antilles subduction zone. <i>Geophysical Journal International</i> , 2022, 231, 319-326.	2.4	4
3	A Data-Based Minimal Model of Episodic Inflation Events at Volcanoes. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	3
4	Inferring Interseismic Coupling Along the Lesser Antilles Arc: A Bayesian Approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020677.	3.4	13
5	Characteristics and possible origins of the seismicity in northwestern France. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 53-77.	1.2	2
6	A Socio-Seismology Experiment in Haiti. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	13
7	Deep submarine landslide contribution to the 2010 Haiti earthquake tsunami. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2055-2065.	3.6	8
8	A Parametric Analysis of Fault Reactivation in the New Madrid Seismic Zone: The Role of Pore Fluid Overpressure. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 10630-10648.	3.4	5
9	Data-adaptive spatio-temporal filtering of GRACE data. <i>Geophysical Journal International</i> , 2019, 219, 2034-2055.	2.4	15
10	Active deformation in Algeria from continuous GPS measurements. <i>Geophysical Journal International</i> , 2019, 217, 572-588.	2.4	56
11	The Tectonics and Active Faulting of Haiti from Seismicity and Tomography. <i>Tectonics</i> , 2019, 38, 1138-1155.	2.8	20
12	REGAT: A permanent GPS network in Algeria, configuration and first results. <i>Heliyon</i> , 2019, 5, e01435.	3.2	3
13	Oscillatory nature of the Okmok volcano's deformation. <i>Earth and Planetary Science Letters</i> , 2019, 506, 76-86.	4.4	11
14	Toward a Global Horizontal and Vertical Elastic Load Deformation Model Derived from GRACE and GNSS Station Position Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3225-3237.	3.4	68
15	Constraints on Transient Viscoelastic Rheology of the Asthenosphere From Seasonal Deformation. <i>Geophysical Research Letters</i> , 2018, 45, 2328-2338.	4.0	24
16	Plume-induced continental rifting and break-up in ultra-slow extension context: Insights from 3D numerical modeling. <i>Tectonophysics</i> , 2018, 746, 121-137.	2.2	42
17	Non-uniform splitting of a single mantle plume by double cratonic roots: Insight into the origin of the central and southern East African Rift System. <i>Terra Nova</i> , 2018, 30, 125-134.	2.1	22
18	Afar triple junction triggered by plume-assisted bi-directional continental break-up. <i>Scientific Reports</i> , 2018, 8, 14742.	3.3	30

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19	Along-Axis Variations of Rift Width in a Coupled Lithosphere-Mantle System, Application to East Africa. Geophysical Research Letters, 2018, 45, 5362-5370.	4.0	20
20	The April 2017 Mw 6.5 Botswana Earthquake: An Intraplate Event Triggered by Deep Fluids. Geophysical Research Letters, 2018, 45, 8886-8896.	4.0	38
21	Active deformation within the Cul-de-Sac Plain on southern Haiti. , 2018, , .		0
22	Reconciling geodetic and geological estimates of recent plate motion across the Southwest Indian Ridge. Geophysical Journal International, 2017, 208, 118-133.	2.4	15
23	Current deformation in Central Afar and triple junction kinematics deduced from GPS and InSAR measurements. Geophysical Journal International, 2017, 208, 936-953.	2.4	33
24	Simulation of broad-band strong ground motion for a hypothetical Mw 7.1 earthquake on the Enriquillo Fault in Haiti. Geophysical Journal International, 2017, 211, 400-417.	2.4	6
25	Hydrologically-driven crustal stresses and seismicity in the New Madrid Seismic Zone. Nature Communications, 2017, 8, 2143.	12.8	67
26	Present-day shortening in Southern Haiti from GPS measurements and implications for seismic hazard. Tectonophysics, 2016, 679, 117-124.	2.2	34
27	Exploration of remote triggering: A survey of multiple fault structures in Haiti. Earth and Planetary Science Letters, 2016, 455, 14-24.	4.4	12
28	Data-adaptive detection of transient deformation in geodetic networks. Journal of Geophysical Research: Solid Earth, 2016, 121, 2129-2152.	3.4	48
29	A new paradigm for large earthquakes in stable continental plate interiors. Geophysical Research Letters, 2016, 43, 10,621.	4.0	154
30	Contrasted continental rifting via plume-craton interaction: Applications to Central East African Rift. Geoscience Frontiers, 2016, 7, 221-236.	8.4	68
31	Evidence for the release of long-term tectonic strain stored in continental interiors through intraplate earthquakes. Geophysical Research Letters, 2016, 43, 6826-6836.	4.0	62
32	Use of a high-precision gravity survey to understand the formation of oceanic crust and the role of melt at the southern Red Sea rift in Afar, Ethiopia. Geological Society Special Publication, 2016, 420, 165-180.	1.3	15
33	Plate boundary segmentation in the northeastern Caribbean from geodetic measurements and Neogene geological observations. Comptes Rendus - Geoscience, 2016, 348, 42-51.	1.2	64
34	Three-dimensional dynamic rupture simulations across interacting faults: The Mw 7.0, 2010, Haiti earthquake. Journal of Geophysical Research: Solid Earth, 2015, 120, 1108-1128.	3.4	48
35	Role of mantle flow in Nubia-Somalia plate divergence. Geophysical Research Letters, 2015, 42, 290-296.	4.0	33
36	Current block motions and strain accumulation on active faults in the Caribbean. Journal of Geophysical Research: Solid Earth, 2015, 120, 3748-3774.	3.4	128

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37	Tsunami scenarios and hazard assessment along the northern coast of Haiti. <i>Geophysical Journal International</i> , 2015, 203, 2287-2302.	2.4	18
38	Increasing seismicity in the U. S. midcontinent: Implications for earthquake hazard. <i>The Leading Edge</i> , 2015, 34, 618-626.	0.7	90
39	Dual continental rift systems generated by plume–lithosphere interaction. <i>Nature Geoscience</i> , 2015, 8, 388-392.	12.9	176
40	Upper mantle temperature and the onset of extension and break-up in Afar, Africa. <i>Earth and Planetary Science Letters</i> , 2015, 418, 78-90.	4.4	52
41	Strain accumulation in the New Madrid and Wabash Valley seismic zones from 14 years of continuous GPS observation. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 9110-9129.	3.4	38
42	Contemporary horizontal movements and seismicity of the south Baikal Basin (Baikal rift system). <i>Izvestiya, Physics of the Solid Earth</i> , 2014, 50, 785-794.	0.9	30
43	Three-dimensional simulations of the southern polar giant impact hypothesis for the origin of the Martian dichotomy. <i>Geophysical Research Letters</i> , 2014, 41, 8736-8743.	4.0	71
44	Current kinematics and dynamics of Africa and the East African Rift System. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 5161-5186.	3.4	78
45	Present-day kinematics of the East African Rift. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3584-3600.	3.4	267
46	InSAR observations of post-rifting deformation around the Dabbahu rift segment, Afar, Ethiopia. <i>Geophysical Journal International</i> , 2014, 197, 33-49.	2.4	36
47	<i>Geophysical Research Letters</i> : Celebrating 40 years of excellence. <i>Geophysical Research Letters</i> , 2014, 41, 2671-2672.	4.0	0
48	Current plate boundary deformation of the Afar rift from a 3D velocity field inversion of InSAR and GPS. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8562-8575.	3.4	56
49	Coseismic Slip Distribution of the 2010 M 7.0 Haiti Earthquake and Resulting Stress Changes on Regional Faults. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 2326-2343.	2.3	39
50	A new velocity field for Africa from combined GPS and DORIS space geodetic Solutions: Contribution to the definition of the African reference frame (AFREF). <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 1677-1697.	3.4	83
51	GPS-measurements of recent crustal deformation in the junction zone of the rift segments in the central Baikal rift system. <i>Russian Geology and Geophysics</i> , 2013, 54, 1417-1426.	0.7	13
52	Crustal Structure and Fault Geometry of the 2010 Haiti Earthquake from Temporary Seismometer Deployments. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 2305-2325.	2.3	43
53	Damage to engineered structures during the 12 January 2010, Haiti (L'ogène) earthquake. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 777-790.	1.3	8
54	GPS constraints on continental deformation in the Armenian region and Lesser Caucasus. <i>Tectonophysics</i> , 2013, 592, 39-45.	2.2	53

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55	Detection and modelling of the ionospheric perturbation caused by a Space Shuttle launch using a network of ground-based Global Positioning System stations. <i>Geophysical Journal International</i> , 2013, 192, 1324-1331.	2.4	25
56	Sismos a l'Ecole: A Worldwide Network of Real-Time Seismometers in Schools. <i>Seismological Research Letters</i> , 2012, 83, 870-873.	1.9	14
57	GPS estimates of microplate motions, northern Caribbean: evidence for a Hispaniola microplate and implications for earthquake hazard. <i>Geophysical Journal International</i> , 2012, 191, 481-490.	2.4	75
58	Geophysical constraints on the dynamics of spreading centres from rifting episodes on land. <i>Nature Geoscience</i> , 2012, 5, 242-250.	12.9	231
59	Focused study of interweaving hazards across the Caribbean. <i>Eos</i> , 2012, 93, 89-90.	0.1	28
60	Seismic Hazard Maps for Haiti. <i>Earthquake Spectra</i> , 2011, 27, 23-41.	3.1	40
61	Propagation of plasma bubbles observed in Brazil from GPS and airglow data. <i>Advances in Space Research</i> , 2011, 47, 1758-1776.	2.6	39
62	Lithospheric buoyancy forces in Africa from a thin sheet approach. <i>International Journal of Earth Sciences</i> , 2010, 99, 1525-1533.	1.8	42
63	Active Volcanism and Continental Rifting in Africa (AVCOR): Introduction to the Special Issue. <i>Journal of African Earth Sciences</i> , 2010, 58, v-viii.	2.0	0
64	Triggering of New Madrid seismicity by late-Pleistocene erosion. <i>Nature</i> , 2010, 466, 608-611.	27.8	132
65	Stress transfer between thirteen successive dyke intrusions in Ethiopia. <i>Nature Geoscience</i> , 2010, 3, 713-717.	12.9	62
66	Transpressional rupture of an unmapped fault during the 2010 Haiti earthquake. <i>Nature Geoscience</i> , 2010, 3, 794-799.	12.9	176
67	GPS rotation and strain rates in the Baikal–Mongolia region. <i>Russian Geology and Geophysics</i> , 2010, 51, 785-793.	0.7	61
68	Comment on “Zemmouri earthquake rupture zone (M_w 6.8, Algeria): Aftershocks sequence relocation and 3D velocity model” by A. Ayadi et al.. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
69	Evidence for focused magmatic accretion at segment centers from lateral dike injections captured beneath the Red Sea rift in Afar. <i>Geology</i> , 2009, 37, 59-62.	4.4	154
70	Mid-Continent Earthquakes as a Complex System. <i>Seismological Research Letters</i> , 2009, 80, 551-553.	1.9	71
71	Time-Variable Deformation in the New Madrid Seismic Zone. <i>Science</i> , 2009, 323, 1442-1442.	12.6	72
72	Geodetic observations of the ongoing Dabbahu rifting episode: new dyke intrusions in 2006 and 2007. <i>Geophysical Journal International</i> , 2009, 178, 989-1003.	2.4	101

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73	Lithosphere-ionosphere coupling after the 2003 explosive eruption of the Soufriere Hills Volcano, Montserrat. <i>Geophysical Journal International</i> , 2009, 179, 1537-1546.	2.4	94
74	Extension in the Baikal rift: Present-day kinematics of passive rifting. <i>Doklady Earth Sciences</i> , 2009, 425, 205-209.	0.7	25
75	Post-rifting relaxation in the Afar region, Ethiopia. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	43
76	Global Positioning System detection and energy estimation of the ionospheric wave caused by the 13 July 2003 explosion of the Soufriere Hills Volcano, Montserrat. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	93
77	Strain accommodation by slow slip and dyking in a youthful continental rift, East Africa. <i>Nature</i> , 2008, 456, 783-787.	27.8	200
78	Shallow afterslip following the 2003 May 21, $M_w = 6.9$ Boumerdes earthquake, Algeria. <i>Geophysical Journal International</i> , 2008, 172, 155-166.	2.4	34
79	Coulomb stress evolution in Northeastern Caribbean over the past 250 years due to coseismic, postseismic and interseismic deformation. <i>Geophysical Journal International</i> , 2008, 174, 904-918.	2.4	68
80	Interseismic Plate coupling and strain partitioning in the Northeastern Caribbean. <i>Geophysical Journal International</i> , 2008, 174, 889-903.	2.4	164
81	Capturing magma intrusion and faulting processes during continental rupture: seismicity of the Dabbahu (Afar) rift. <i>Geophysical Journal International</i> , 2008, 174, 1138-1152.	2.4	123
82	A kinematic model for the East African Rift. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	240
83	Investigation of ionospheric electron content variations before earthquakes in southern California, 2003-2004. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	84
84	Dynamics of continental deformation in Asia. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	66
85	A method for detecting ionospheric disturbances and estimating their propagation speed and direction using a large GPS network. <i>Radio Science</i> , 2007, 42, .	1.6	29
86	Kinematics of the East African Rift from GPS and earthquake slip vector data. <i>Geological Society Special Publication</i> , 2006, 259, 9-22.	1.3	86
87	Is there a northern Lesser Antilles forearc block?. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	51
88	Implications of deformation following the 2002 Denali, Alaska, earthquake for postseismic relaxation processes and lithospheric rheology. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	157
89	Deformation of the North American plate interior from a decade of continuous GPS measurements. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	162
90	Continental deformation in Asia from a combined GPS solution. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	119

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91	Deformation in the Jura Mountains (France): First results from semi-permanent GPS measurements. Earth and Planetary Science Letters, 2006, 245, 365-372.	4.4	21
92	Stress-dependent power-law flow in the upper mantle following the 2002 Denali, Alaska, earthquake. Earth and Planetary Science Letters, 2006, 252, 481-489.	4.4	99
93	Searching for the Africa-Eurasia Miocene boundary offshore western Algeria (MARADJA'03 cruise). Comptes Rendus - Geoscience, 2006, 338, 80-91.	1.2	96
94	Seasonal effect on vertical positioning by Satellite Laser Ranging and Global Positioning System and on absolute gravity at the OCA geodetic station, Grasse, France. Geophysical Journal International, 2006, 167, 1127-1137.	2.4	8
95	Tectonic strain in plate interiors?. Nature, 2005, 438, E9-E10.	27.8	43
96	Active thrust faulting offshore Boumerdes, Algeria, and its relations to the 2003 Mw 6.9 earthquake. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	143
97	Geodetic constraints on glacial isostatic adjustment in Europe. Geophysical Research Letters, 2005, 32, .	4.0	58
98	Geodetic Measurements of Crustal Deformation in the Western Mediterranean and Europe. Pure and Applied Geophysics, 2004, 161, 661-681.	1.9	301
99	Impact of GPS Zenith Tropospheric Delay data on precipitation forecasts in Mediterranean France and Spain. Geophysical Research Letters, 2004, 31, .	4.0	51
100	Earthquake shakes "Big Bend" Region of North America-Caribbean Boundary Zone. Eos, 2004, 85, 77.	0.1	7
101	Slip distribution of the 2003 Boumerdes-Zemmouri earthquake, Algeria, from teleseismic, GPS, and coastal uplift data. Geophysical Research Letters, 2004, 31, .	4.0	84
102	Coseismic deformation of the May 21st, 2003, Mw= 6.8 Boumerdes earthquake, Algeria, from GPS measurements. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	54
103	Geodetic Measurements of Crustal Deformation in the Western Mediterranean and Europe. , 2004, , 661-681.		2
104	Crustal velocity field of western Europe from permanent GPS array solutions, 1996-2001. Geophysical Journal International, 2003, 154, 72-88.	2.4	176
105	Crustal motion in Indonesia from Global Positioning System measurements. Journal of Geophysical Research, 2003, 108, .	3.3	264
106	GPS measurements of crustal deformation in the Baikal-Mongolia area (1994-2002): Implications for current kinematics of Asia. Journal of Geophysical Research, 2003, 108, .	3.3	208
107	Constraints on the viscosity of the continental crust and mantle from GPS measurements and postseismic deformation models in western Mongolia. Journal of Geophysical Research, 2003, 108, .	3.3	75
108	Fault interaction and stress triggering of twentieth century earthquakes in Mongolia. Journal of Geophysical Research, 2003, 108, .	3.3	70

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109	Detection of ionospheric perturbations using a dense GPS array in Southern California. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	34
110	Evidence for a post-3.16-Ma change in Nubiaâ€“Eurasiaâ€“North America plate motions?. <i>Earth and Planetary Science Letters</i> , 2003, 216, 81-92.	4.4	158
111	Accuracy and Variability of GPS Tropospheric Delay Measurements of Water Vapor in the Western Mediterranean. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1547-1568.	1.7	118
112	Current strain regime in the Western Alps from continuous Global Positioning System measurements, 1996â€“2001. <i>Geology</i> , 2002, 30, 651.	4.4	187
113	Sensitivity of zenith total delay accuracy to GPS orbit errors and implications for near-real-time GPS meteorology. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 12-1.	3.3	16
114	Oblique collision in the northeastern Caribbean from GPS measurements and geological observations. <i>Tectonics</i> , 2002, 21, 7-17-26.	2.8	184
115	Strain partitioning and fault slip rates in the northeastern Caribbean from GPS measurements. <i>Geophysical Research Letters</i> , 2002, 29, 3-1-3-4.	4.0	91
116	Deep structure and mechanical behavior of the lithosphere in the Hangaiâ€“HÃ¶vsgÃ¶l region, Mongolia: new constraints from gravity modeling. <i>Earth and Planetary Science Letters</i> , 2002, 197, 133-149.	4.4	71
117	Three-dimensional laboratory modelling of rifting: application to the Baikal Rift, Russia. <i>Tectonophysics</i> , 2002, 356, 253-273.	2.2	51
118	The use of Global Positioning System techniques for the continuous monitoring of landslides: application to the Super-Sauze earthflow (Alpes-de-Haute-Provence, France). <i>Geomorphology</i> , 2002, 43, 33-54.	2.6	270
119	GPS network monitors the Western Alps' deformation over a five-year period: 1993-1998. <i>Journal of Geodesy</i> , 2002, 76, 63-76.	3.6	44
120	GPS measurements of ocean loading and its impact on zenith tropospheric delay estimates: a case study in Brittany, France. <i>Journal of Geodesy</i> , 2002, 76, 419-427.	3.6	41
121	Ionospheric signature of surface mine blasts from Global Positioning System measurements. <i>Geophysical Journal International</i> , 2002, 132, 191-202.	2.4	121
122	Are post-seismic effects of the $M=8.4$ Bolnay earthquake (1905 July 23) still influencing GPS velocities in the Mongolia-Baikal area?. <i>Geophysical Journal International</i> , 2002, 149, 157-168.	2.4	19
123	Intraplate deformation in western Europe deduced from an analysis of the International Terrestrial Reference Frame 1997 (ITRF97) velocity field. <i>Journal of Geophysical Research</i> , 2001, 106, 11239-11257.	3.3	68
124	Atmospheric gradients estimated by GPS compared to a high resolution numerical weather prediction (NWP) model. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 147-152.	0.6	23
125	Automatic orbit quality control for near real-time GPS zenith tropospheric delay estimation. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 177-181.	0.6	3
126	The contributions of the MAGIC project to the COST 716 objectives of assessing the operational potential of ground-based GPS meteorology on an international scale. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 433-437.	0.6	19

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127	GPS zenith tropospheric delay (ZTD) variability in the Mediterranean. Physics and Chemistry of the Earth, 2001, 26, 439-443.	0.6	15
128	Active and recent deformation at the Southern Alps – Ligurian basin junction. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2001, 80, 255-272.	0.9	31
129	REGAL; reseau GPS permanent dans les Alpes occidentales; configuration et premiers resultats. Bulletin - Societe Geologique De France, 2001, 172, 141-158.	2.2	9
130	Regal: Réseau GPS permanent dans les Alpes occidentales. Configuration et premiers résultats. Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes =, 2000, 331, 435-442.	0.2	2
131	Crustal strain in the Southern Alps, France, 1948–1998. Tectonophysics, 2000, 319, 1-17.	2.2	47
132	Dynamics of intracontinental extension in the north Baikal rift from two-dimensional numerical deformation modeling. Journal of Geophysical Research, 2000, 105, 21727-21744.	3.3	30
133	GPS geodetic constraints on Caribbean-North America Plate Motion. Geophysical Research Letters, 2000, 27, 437-440.	4.0	288
134	New constraints on current deformation in Asia from continuous GPS measurements at Ulan Baatar, Mongolia. Geophysical Research Letters, 2000, 27, 1527-1530.	4.0	27
135	Reducing satellite orbit error effects in near real-time GPS zenith tropospheric delay estimation for meteorology. Geophysical Research Letters, 2000, 27, 1915-1918.	4.0	29
136	Neotectonics of Puerto Rico and the Virgin Islands, northeastern Caribbean, from GPS geodesy. Tectonics, 2000, 19, 1021-1037.	2.8	104
137	Continuous GPS measurements across the Western Alps, 1996-1998. Geophysical Journal International, 1999, 138, 221-230.	2.4	53
138	GPS, earthquakes, the ionosphere, and the Space Shuttle. Physics of the Earth and Planetary Interiors, 1998, 105, 167-181.	1.9	82
139	Finite element modelling of crustal deformation in the Baikal rift zone: new insights into the active–passive rifting debate. Tectonophysics, 1998, 289, 327-340.	2.2	42
140	Crustal deformation in the Baikal Rift from GPS measurements. Geophysical Research Letters, 1998, 25, 4003-4006.	4.0	71
141	Relative motion between the Caribbean and North American plates and related boundary zone deformation from a decade of GPS observations. Journal of Geophysical Research, 1998, 103, 15157-15182.	3.3	140
142	Strike-slip tectonics and seismicity along the northern Caribbean plate boundary from Cuba to Hispaniola. , 1998, , .		15
143	Geodetic observations of interseismic strain segmentation at the Sumatra Subduction Zone. Geophysical Research Letters, 1997, 24, 2601-2604.	4.0	134
144	Tectonic and Kinematic Regime along the Northern Caribbean Plate Boundary: New Insights from Broad-band Modeling of the May 25, 1992, M _s = 6.9 Cabo Cruz, Cuba, Earthquake. Pure and Applied Geophysics, 1997, 149, 475-487.	1.9	11

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145	Accretion of the southern Banda arc to the Australian plate margin determined by Global Positioning System measurements. <i>Tectonics</i> , 1996, 15, 288-295.	2.8	92
146	GPS detection of ionospheric perturbations following a space shuttle ascent. <i>Geophysical Research Letters</i> , 1996, 23, 1897-1900.	4.0	87
147	Strike-slip tectonic processes in the northern Caribbean between Cuba and Hispaniola (Windward) Tj ETQq1 1 0.784314 rgBT ₄₁ /Overlo	1.2	41
148	GPS detection of ionospheric perturbations following the January 17, 1994, Northridge Earthquake. <i>Geophysical Research Letters</i> , 1995, 22, 1045-1048.	4.0	376
149	First geodetic measurement of convergence across the Java Trench. <i>Geophysical Research Letters</i> , 1994, 21, 2135-2138.	4.0	122
150	GPS measurements of crustal deformation within the Pacific-Australia plate boundary zone in Irian Jaya, Indonesia. <i>Tectonophysics</i> , 1994, 237, 141-153.	2.2	87
151	Semiquantitative modeling of strain and kinematics along the Caribbean/North America strike-slip plate boundary zone. <i>Journal of Geophysical Research</i> , 1993, 98, 8293-8308.	3.3	18
152	From transcurrent faulting to frontal subduction: A seismotectonic study of the Northern Caribbean Plate Boundary from Cuba to Puerto Rico. <i>Tectonics</i> , 1992, 11, 114-123.	2.8	59
153	From transtension to transpression along the northern Caribbean plate boundary off Cuba: implications for the Recent motion of the Caribbean plate. <i>Tectonophysics</i> , 1991, 186, 329-350.	2.2	54
154	Paleogeodynamic maps of the Caribbean; 14 steps from Lias to present. <i>Bulletin - Societie Geologique De France</i> , 1990, VI, 915-919.	2.2	56
155	A Natural Model of Active Transpressional Tectonics the en Å‰chelon Structures of the Oriente Deep, Along the Northern Caribbean Transcurrent Plate Boundary (Southern Cuban Margin). <i>Oil & Gas Science & Technology</i> , 1990, 45, 147-160.	0.2	19