

Eric Calais

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5236718/publications.pdf>

Version: 2024-02-01

155
papers

10,985
citations

19608

61
h-index

34900

98
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.	6.0	25
2	Ongoing tectonic subsidence in the Lesser Antilles subduction zone. <i>Geophysical Journal International</i> , 2022, 231, 319-326.	1.0	4
3	A Data-Based Minimal Model of Episodic Inflation Events at Volcanoes. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	3
4	Inferring Interseismic Coupling Along the Lesser Antilles Arc: A Bayesian Approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020677.	1.4	13
5	Characteristics and possible origins of the seismicity in northwestern France. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 53-77.	0.4	2
6	A Socio-Seismology Experiment in Haiti. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	13
7	Deep submarine landslide contribution to the 2010 Haiti earthquake tsunami. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2055-2065.	1.5	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.	1.4	5
9	Data-adaptive spatio-temporal filtering of GRACE data. <i>Geophysical Journal International</i> , 2019, 219, 2034-2055.	1.0	15
10	Active deformation in Algeria from continuous GPS measurements. <i>Geophysical Journal International</i> , 2019, 217, 572-588.	1.0	56
11	The Tectonics and Active Faulting of Haiti from Seismicity and Tomography. <i>Tectonics</i> , 2019, 38, 1138-1155.	1.3	20
12	REGAT: A permanent GPS network in Algeria, configuration and first results. <i>Heliyon</i> , 2019, 5, e01435.	1.4	3
13	Oscillatory nature of the Okmok volcano's deformation. <i>Earth and Planetary Science Letters</i> , 2019, 506, 76-86.	1.8	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.	1.4	68
15	Constraints on Transient Viscoelastic Rheology of the Asthenosphere From Seasonal Deformation. <i>Geophysical Research Letters</i> , 2018, 45, 2328-2338.	1.5	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.	0.9	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.	0.9	22
18	Afar triple junction triggered by plume-assisted bi-directional continental break-up. <i>Scientific Reports</i> , 2018, 8, 14742.	1.6	30

#	ARTICLE	IF	CITATIONS
19	Along-Axis Variations of Rift Width in a Coupled Lithosphere-Mantle System, Application to East Africa. <i>Geophysical Research Letters</i> , 2018, 45, 5362-5370.	1.5	20
20	The April 2017 Mw 6.5 Botswana Earthquake: An Intraplate Event Triggered by Deep Fluids. <i>Geophysical Research Letters</i> , 2018, 45, 8886-8896.	1.5	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. <i>Geophysical Journal International</i> , 2017, 208, 118-133.	1.0	15
23	Current deformation in Central Afar and triple junction kinematics deduced from GPS and InSAR measurements. <i>Geophysical Journal International</i> , 2017, 208, 936-953.	1.0	33
24	Simulation of broad-band strong ground motion for a hypothetical Mw 7.1 earthquake on the Enriquillo Fault in Haiti. <i>Geophysical Journal International</i> , 2017, 211, 400-417.	1.0	6
25	Hydrologically-driven crustal stresses and seismicity in the New Madrid Seismic Zone. <i>Nature Communications</i> , 2017, 8, 2143.	5.8	67
26	Present-day shortening in Southern Haiti from GPS measurements and implications for seismic hazard. <i>Tectonophysics</i> , 2016, 679, 117-124.	0.9	34
27	Exploration of remote triggering: A survey of multiple fault structures in Haiti. <i>Earth and Planetary Science Letters</i> , 2016, 455, 14-24.	1.8	12
28	Data-adaptive detection of transient deformation in geodetic networks. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2129-2152.	1.4	48
29	A new paradigm for large earthquakes in stable continental plate interiors. <i>Geophysical Research Letters</i> , 2016, 43, 10621.	1.5	154
30	Contrasted continental rifting via plume-craton interaction: Applications to Central East African Rift. <i>Geoscience Frontiers</i> , 2016, 7, 221-236.	4.3	68
31	Evidence for the release of long-term tectonic strain stored in continental interiors through intraplate earthquakes. <i>Geophysical Research Letters</i> , 2016, 43, 6826-6836.	1.5	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. <i>Geological Society Special Publication</i> , 2016, 420, 165-180.	0.8	15
33	Plate boundary segmentation in the northeastern Caribbean from geodetic measurements and Neogene geological observations. <i>Comptes Rendus - Geoscience</i> , 2016, 348, 42-51.	0.4	64
34	Three-dimensional dynamic rupture simulations across interacting faults: The Mw 7.0, 2010, Haiti earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1108-1128.	1.4	48
35	Role of mantle flow in Nubia-Somalia plate divergence. <i>Geophysical Research Letters</i> , 2015, 42, 290-296.	1.5	33
36	Current block motions and strain accumulation on active faults in the Caribbean. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3748-3774.	1.4	128

#	ARTICLE	IF	CITATIONS
37	Tsunami scenarios and hazard assessment along the northern coast of Haiti. <i>Geophysical Journal International</i> , 2015, 203, 2287-2302.	1.0	18
38	Increasing seismicity in the U. S. midcontinent: Implications for earthquake hazard. <i>The Leading Edge</i> , 2015, 34, 618-626.	0.4	90
39	Dual continental rift systems generated by plume–lithosphere interaction. <i>Nature Geoscience</i> , 2015, 8, 388-392.	5.4	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.	1.8	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.	1.4	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.	0.2	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.	1.5	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.	1.4	78
45	Present-day kinematics of the East African Rift. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3584-3600.	1.4	267
46	InSAR observations of post-rifting deformation around the Dabbahu rift segment, Afar, Ethiopia. <i>Geophysical Journal International</i> , 2014, 197, 33-49.	1.0	36
47	<i>Geophysical Research Letters</i> : Celebrating 40 years of excellence. <i>Geophysical Research Letters</i> , 2014, 41, 2671-2672.	1.5	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.	1.4	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.	1.1	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.	1.4	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.	0.3	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.	1.1	43
53	Damage to engineered structures during the 12 January 2010, Haiti (L'ogŕne) earthquake. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 777-790.	0.7	8
54	GPS constraints on continental deformation in the Armenian region and Lesser Caucasus. <i>Tectonophysics</i> , 2013, 592, 39-45.	0.9	53

#	ARTICLE	IF	CITATIONS
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.	1.0	25
56	Sismos a l'Ecole: A Worldwide Network of Real-Time Seismometers in Schools. <i>Seismological Research Letters</i> , 2012, 83, 870-873.	0.8	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.	1.0	75
58	Geophysical constraints on the dynamics of spreading centres from rifting episodes on land. <i>Nature Geoscience</i> , 2012, 5, 242-250.	5.4	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.	1.6	40
61	Propagation of plasma bubbles observed in Brazil from GPS and airglow data. <i>Advances in Space Research</i> , 2011, 47, 1758-1776.	1.2	39
62	Lithospheric buoyancy forces in Africa from a thin sheet approach. <i>International Journal of Earth Sciences</i> , 2010, 99, 1525-1533.	0.9	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.	0.9	0
64	Triggering of New Madrid seismicity by late-Pleistocene erosion. <i>Nature</i> , 2010, 466, 608-611.	13.7	132
65	Stress transfer between thirteen successive dyke intrusions in Ethiopia. <i>Nature Geoscience</i> , 2010, 3, 713-717.	5.4	62
66	Transpressional rupture of an unmapped fault during the 2010 Haiti earthquake. <i>Nature Geoscience</i> , 2010, 3, 794-799.	5.4	176
67	GPS rotation and strain rates in the Baikal-Mongolia region. <i>Russian Geology and Geophysics</i> , 2010, 51, 785-793.	0.3	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.	2.0	154
70	Mid-Continent Earthquakes as a Complex System. <i>Seismological Research Letters</i> , 2009, 80, 551-553.	0.8	71
71	Time-Variable Deformation in the New Madrid Seismic Zone. <i>Science</i> , 2009, 323, 1442-1442.	6.0	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.	1.0	101

#	ARTICLE	IF	CITATIONS
73	Lithosphere-ionosphere coupling after the 2003 explosive eruption of the Soufriere Hills Volcano, Montserrat. <i>Geophysical Journal International</i> , 2009, 179, 1537-1546.	1.0	94
74	Extension in the Baikal rift: Present-day kinematics of passive rifting. <i>Doklady Earth Sciences</i> , 2009, 425, 205-209.	0.2	25
75	Post-rifting relaxation in the Afar region, Ethiopia. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	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.	13.7	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.	1.0	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.	1.0	68
80	Interseismic Plate coupling and strain partitioning in the Northeastern Caribbean. <i>Geophysical Journal International</i> , 2008, 174, 889-903.	1.0	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.	1.0	123
82	A kinematic model for the East African Rift. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	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, .	0.8	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.	0.8	86
87	Is there a northern Lesser Antilles forearc block?. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	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, .	1.5	119

#	ARTICLE	IF	CITATIONS
91	Deformation in the Jura Mountains (France): First results from semi-permanent GPS measurements. Earth and Planetary Science Letters, 2006, 245, 365-372.	1.8	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.	1.8	99
93	Searching for the Africa-Eurasia Miocene boundary offshore western Algeria (MARADJA'03 cruise). Comptes Rendus - Geoscience, 2006, 338, 80-91.	0.4	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.	1.0	8
95	Tectonic strain in plate interiors?. Nature, 2005, 438, E9-E10.	13.7	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.	1.5	143
97	Geodetic constraints on glacial isostatic adjustment in Europe. Geophysical Research Letters, 2005, 32, .	1.5	58
98	Geodetic Measurements of Crustal Deformation in the Western Mediterranean and Europe. Pure and Applied Geophysics, 2004, 161, 661-681.	0.8	301
99	Impact of GPS Zenith Tropospheric Delay data on precipitation forecasts in Mediterranean France and Spain. Geophysical Research Letters, 2004, 31, .	1.5	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, .	1.5	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.	1.5	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.	1.0	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

#	ARTICLE	IF	CITATIONS
109	Detection of ionospheric perturbations using a dense GPS array in Southern California. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	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.	1.8	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.	2.0	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, 7-1-7-26.	1.3	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.	1.5	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.	1.8	71
117	Three-dimensional laboratory modelling of rifting: application to the Baikal Rift, Russia. <i>Tectonophysics</i> , 2002, 356, 253-273.	0.9	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.	1.1	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.	1.6	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.	1.6	41
121	Ionospheric signature of surface mine blasts from Global Positioning System measurements. <i>Geophysical Journal International</i> , 2002, 132, 191-202.	1.0	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.	1.0	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

#	ARTICLE	IF	CITATIONS
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.	0.6	31
129	REGAL; reseau GPS permanent dans les Alpes occidentales; configuration et premiers resultats. Bulletin - Societe Geologique De France, 2001, 172, 141-158.	0.9	9
130	Regal: rÃ©seau GPS permanent dans les Alpes occidentales. Configuration et premiers rÃ©sultats. Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ©tes =, 2000, 331, 435-442.	0.2	2
131	Crustal strain in the Southern Alps, France, 1948–1998. Tectonophysics, 2000, 319, 1-17.	0.9	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.	1.5	288
134	New constraints on current deformation in Asia from continuous GPS measurements at Ulan Baatar, Mongolia. Geophysical Research Letters, 2000, 27, 1527-1530.	1.5	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.	1.5	29
136	Neotectonics of Puerto Rico and the Virgin Islands, northeastern Caribbean, from GPS geodesy. Tectonics, 2000, 19, 1021-1037.	1.3	104
137	Continuous GPS measurements across the Western Alps, 1996-1998. Geophysical Journal International, 1999, 138, 221-230.	1.0	53
138	GPS, earthquakes, the ionosphere, and the Space Shuttle. Physics of the Earth and Planetary Interiors, 1998, 105, 167-181.	0.7	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.	0.9	42
140	Crustal deformation in the Baikal Rift from GPS measurements. Geophysical Research Letters, 1998, 25, 4003-4006.	1.5	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.	1.5	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.	0.8	11

#	ARTICLE	IF	CITATIONS
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.	1.3	92
146	GPS detection of ionospheric perturbations following a space shuttle ascent. <i>Geophysical Research Letters</i> , 1996, 23, 1897-1900.	1.5	87
147	Strike-slip tectonic processes in the northern Caribbean between Cuba and Hispaniola (Windward) Tj ETQq1 1 0.784314 rgBT /Overlo 0.5 41	0.5	41
148	GPS detection of ionospheric perturbations following the January 17, 1994, Northridge Earthquake. <i>Geophysical Research Letters</i> , 1995, 22, 1045-1048.	1.5	376
149	First geodetic measurement of convergence across the Java Trench. <i>Geophysical Research Letters</i> , 1994, 21, 2135-2138.	1.5	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.	0.9	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.	1.3	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.	0.9	54
154	Paleogeodynamic maps of the Caribbean; 14 steps from Lias to present. <i>Bulletin - Societe Geologique De France</i> , 1990, VI, 915-919.	0.9	56
155	A Natural Model of Active Transpressional Tectonics the en Ã‰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