James Savage

List of Publications by Year
in descending order

48 papers	3,992 citations	201385 27 h-index	223531 46 g-index
48 all docs	48 docs citations	48 times ranked	1882 citing authors

#	Article	IF	Citations
1	A dislocation model of strain accumulation and release at a subduction zone. Journal of Geophysical Research, 1983, 88, 4984-4996.	3.3	835
2	Geodetic determination of relative plate motion in central California. Journal of Geophysical Research, 1973, 78, 832-845.	3.3	692
3	Asthenosphere readjustment and the earthquake cycle. Journal of Geophysical Research, 1978, 83, 3369-3376.	3.3	406
4	The velocity field along the San Andreas Fault in central and southern California. Journal of Geophysical Research, 1991, 96, 8369-8389.	3.3	216
5	Equivalent strikeâ€slip earthquake cycles in halfâ€space and lithosphereâ€asthenosphere earth models. Journal of Geophysical Research, 1990, 95, 4873-4879.	3.3	181
6	Postseismic deformation associated with the 1992MÏ‰=7.3 Landers earthquake, southern California. Journal of Geophysical Research, 1997, 102, 7565-7577.	3.3	161
7	An apparent shear zone trending northâ€northwest across the Mojave Desert into Owens Valley, eastern California. Geophysical Research Letters, 1990, 17, 2113-2116.	1.5	155
8	Strain accumulation and rotation in the Eastern California Shear Zone. Journal of Geophysical Research, 2001, 106, 21995-22007.	3.3	148
9	Strain accumulation across the Eastern California Shear Zone at latitude 36Â°30â€²N. Journal of Geophysical Research, 2000, 105, 16229-16236.	3.3	103
10	Displacement field for an edge dislocation in a layered half-space. Journal of Geophysical Research, 1998, 103, 2439-2446.	3.3	89
11	Geodetic estimates of fault slip rates in the San Francisco Bay area. Journal of Geophysical Research, 1999, 104, 4995-5002.	3.3	83
12	Viscoelastic coupling model of the San Andreas Fault along the Big Bend, southern California. Journal of Geophysical Research, 1998, 103, 7281-7292.	3.3	77
13	Postseismic relaxation and transient creep. Journal of Geophysical Research, 2005, 110, .	3.3	73
14	Strain accumulation in western Washington. Journal of Geophysical Research, 1991, 96, 14493-14507.	3.3	66
15	Viscoelastic-coupling model for the earthquake cycle driven from below. Journal of Geophysical Research, 2000, 105, 25525-25532.	3.3	65
16	Interseismic uplift at the Nankai subduction zone, southwest Japan, 1951-1990. Journal of Geophysical Research, 1995, 100, 6339-6350.	3.3	54
17	Postseismic deformation following the 1989 (M= 7.1) Loma Prieta, California, earthquake. Journal of Geophysical Research, 1994, 99, 13757-13765.	3.3	52
18	Postearthquake relaxation after the 2004 M6 Parkfield, California, earthquake and rateâ€andâ€state friction. Journal of Geophysical Research, 2008, 113, .	3.3	35

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19	Strain accumulation rates in the San Francisco Bay area, 1972-1989. Journal of Geophysical Research, 1998, 103, 18039-18051.	3.3	34
20	Strain accumulation across the Coast Ranges at the latitude of San Francisco, 1994â€“2000. Journal of Geophysical Research, 2004, 109, .	3.3	34
21	Coseismic displacements: 1992 Landers, California, Earthquake. Geophysical Research Letters, 1993, 20, 623-626.	1.5	33
22	Postseismic relaxation following the 1992 M7.3 Landers and 1999 M7.1 Hector Mine earthquakes, southern California. Journal of Geophysical Research, 2009, 114, .	3.3	32
23	Postseismic relaxation and aftershocks. Journal of Geophysical Research, 2007, 112, .	3.3	31
24	An experimental test of Lomnitz's theory of internal friction in rocks. Journal of Geophysical Research, 1973, 78, 6097-6099.	3.3	28
25	Postseismic relaxation associated with transient creep rheology. Journal of Geophysical Research, 2007, 112, .	3.3	28
26	The Eastern California Shear Zone as the northward extension of the southern San Andreas Fault. Journal of Geophysical Research: Solid Earth, 2016, 121, 2904-2914.	1.4	28
27	Near-field postseismic deformation associated with the 1992 Landers and 1999 Hector Mine, California, earthquakes. Journal of Geophysical Research, 2003, 108, .	3.3	27
28	Deformation across the rupture zone of the 1964 Alaska earthquake, 1993-1997. Journal of Geophysical Research, 1998, 103, 21275-21283.	3.3	23
29	Clustering of velocities in a GPS network spanning the Sierra Nevada Block, the Northern Walker Lane Belt, and the Central Nevada Seismic Belt, Californiaâ€Nevada. Journal of Geophysical Research: Solid Earth, 2013, 118, 4937-4947.	1.4	20
30	Clustering of GPS velocities in the Mojave Block, southeastern California. Journal of Geophysical Research: Solid Earth, 2013, 118, 1747-1759.	1.4	20
31	The relation between the Lomnitz and Futterman theories of internal friction. Journal of Geophysical Research, 1975, 80, 249-251.	3.3	18
32	Postearthquake Relaxation and Aftershock Accumulation Linearly Related after the 2003 M 6.5 Chengkung, Taiwan, and the 2004 M 6.0 Parkfield, California, Earthquakes. Bulletin of the Seismological Society of America, 2007, 97, 1632-1645.	1.1	17
33	Interseismic strain and rotation rates in the northeast Mojave domain, eastern California. Journal of Geophysical Research, 2004, 109, .	3.3	16
34	Strain accumulation near Yucca Mountain, Nevada, 1993-1998. Journal of Geophysical Research, 2001, 106, 16483-16488.	3.3	15
35	Dislocation pileup as a representation of strain accumulation on a strike-slip fault. Journal of Geophysical Research, 2006, 111, .	3.3	15
36	Eulerâ€Vector Clustering of GPS Velocities Defines Microplate Geometry in Southwest Japan. Journal of Geophysical Research: Solid Earth, 2018, 123, 1954-1968.	1.4	15

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37	Deformation from 1973 through 1991 in the epicentral area of the 1992 Landers, California, Earthquake (M_s = 7.5). Journal of Geophysical Research, 1993, 98, 19951-19958.	3.3	14
38	Identifying block structure in the Pacific Northwest, USA. Journal of Geophysical Research: Solid Earth, 2015, 120, 7905-7916.	1.4	14
39	Consequences of viscous drag beneath a transform fault. Journal of Geophysical Research, 2003, 108, .	3.3	10
40	Calculation of aftershock accumulation from observed postseismic deformation: M6 2004 Parkfield, California, earthquake. Geophysical Research Letters, 2010, 37, .	1.5	7
41	Postseismic relaxation following the 1989 M_S7.1 Loma Prieta earthquake, central California. Journal of Geophysical Research, 2010, 115, .	3.3	6
42	Deformation following the 1994 Northridge Earthquake (M=6.7), Southern California. Geophysical Research Letters, 1998, 25, 2725-2728.	1.5	5
43	Continuous uplift near the seaward edge of the Prince William Sound megathrust: Middleton Island, Alaska. Journal of Geophysical Research: Solid Earth, 2014, 119, 6067-6079.	1.4	4
44	Comment on â€œAseismic slip and faultâ€•normal strain along creeping section of the San Andreas Faultâ€•by F. Rolandone et al.. Geophysical Research Letters, 2009, 36, .	1.5	2
45	Postseismic relaxation following the 1994 M_w6.7 Northridge earthquake, southern California. Journal of Geophysical Research, 2010, 115, .	3.3	2
46	Strain accumulation across the Prince William Sound asperity, Southcentral Alaska. Journal of Geophysical Research: Solid Earth, 2015, 120, 1820-1832.	1.4	1
47	Clustering of GPS Velocities in the Mojave Block southeastern California. Journal of Geophysical Research: Solid Earth, 2013, 118, n/a-n/a.	1.4	1
48	Comment on â€˜Evidence for a large strike-slip component during the 1960 Chilean earthquakeâ€™ by H. Kanamori, L. Rivera, and S. Lambotte. Geophysical Journal International, 0, , .	1.0	1