

Thomas C Hanks

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

4,507
citations

17
h-index

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g-index

22
ext. papers

4,964
ext. citations

6.6
avg, IF

5.09
L-index

#	Paper	IF	Citations
22	A moment magnitude scale. <i>Journal of Geophysical Research</i> , 1979 , 84, 2348		2047
21	The character of high-frequency strong ground motion. <i>Bulletin of the Seismological Society of America</i> , 1981 , 71, 2071-2095	2.3	418
20	Earthquake stress drops, ambient tectonic stresses and stresses that drive plate motions. <i>Pure and Applied Geophysics</i> , 1977 , 115, 441-458	2.2	299
19	Source parameters of southern California earthquakes. <i>Journal of Geophysical Research</i> , 1973 , 78, 8547-8576		288
18	f max. <i>Bulletin of the Seismological Society of America</i> , 1982 , 72, 1867-1879	2.3	269
17	The Kuril Trench - Hokkaido Rise System: Large Shallow Earthquakes and Simple Models of Deformation. <i>Geophysical Journal International</i> , 1971 , 23, 173-189	2.6	235
16	b values and seismic source models: Implications for tectonic stress variations along active crustal fault zones and the estimation of high-frequency strong ground motion. <i>Journal of Geophysical Research</i> , 1979 , 84, 2235		209
15	Moment-magnitude relations in theory and practice. <i>Journal of Geophysical Research</i> , 1984 , 89, 6229-6235		151
14	The early thermal history of the earth. <i>Physics of the Earth and Planetary Interiors</i> , 1969 , 2, 19-29	2.3	147
13	A graphical representation of seismic source parameters. <i>Journal of Geophysical Research</i> , 1972 , 77, 4393-4405		91
12	Seismic Moments of the Larger Earthquakes of the Southern California Region. <i>Bulletin of the Geological Society of America</i> , 1975 , 86, 1131	3.9	78
11	Frictional metamorphism, argon depletion, and tectonic stress on the Alpine Fault, New Zealand. <i>Journal of Geophysical Research</i> , 1979 , 84, 6770-6782		77
10	The faulting mechanism of the San Fernando Earthquake. <i>Journal of Geophysical Research</i> , 1974 , 79, 1215-1229		62
9	Deviatoric stresses and earthquake occurrence at the outer rise. <i>Journal of Geophysical Research</i> , 1979 , 84, 2343		26
8	The Loma Prieta earthquake, ground motion, and damage in Oakland, Treasure Island, and San Francisco. <i>Bulletin of the Seismological Society of America</i> , 1991 , 81, 2019-2047	2.3	25
7	Formation of the Earth's Core. <i>Nature</i> , 1972 , 237, 387-388	50.4	24
6	Origin, evolution and present thermal state of the Moon. <i>Physics of the Earth and Planetary Interiors</i> , 1972 , 5, 409-425	2.3	21

- 5 A high-frequency magnitude scale. *Bulletin of the Seismological Society of America*, **1995**, 85, 825-833 2.3 16
- 4 Observations and estimation of long-period strong ground motion in the los angeles basin. *Earthquake Engineering and Structural Dynamics*, **1976**, 4, 473-488 4 10
- 3 Earthquake Stress Drops, Ambient Tectonic Stresses and Stresses That Drive Plate Motions **1977**, 441-458 8
- 2 Observed Ground Motions, Extreme Ground Motions, and Physical Limits to Ground Motions **2005**, 55-59 4
- 1 Reply [to Comment on Deviatoric stresses and earthquake occurrence at the outer rise] *Journal of Geophysical Research*, **1981**, 86, 3947 2