Thomas C Hanks

List of Publications by Year in Descending Order

22 papers	4,507 citations	17 h-index	22 g-index
22 ext. papers	4,964 ext. citations	6.6 avg, IF	5.09 L-index

#	Paper	IF	Citations
22	Observed Ground Motions, Extreme Ground Motions, and Physical Limits to Ground Motions **2005**, 55-59		4
21	A high-frequency magnitude scale. *Bulletin of the Seismological Society of America*, **1995**, 85, 825-833	2.3	16
20	The Loma Prieta earthquake, ground motion, and damage in Oakland, Treasure Island, and San Francisco. *Bulletin of the Seismological Society of America*, **1991**, 81, 2019-2047	2.3	25
19	Moment-magnitude relations in theory and practice. *Journal of Geophysical Research*, **1984**, 89, 6229-6235		151
18	f max. *Bulletin of the Seismological Society of America*, **1982**, 72, 1867-1879	2.3	269
17	Reply [to Comment on Deviatoric stresses and earthquake occurrence at the outer rise] *Journal of Geophysical Research*, **1981**, 86, 3947		2
16	The character of high-frequency strong ground motion. *Bulletin of the Seismological Society of America*, **1981**, 71, 2071-2095	2.3	418
15	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. *Journal of Geophysical Research*, **1979**, 84, 2235		209
14	Deviatoric stresses and earthquake occurrence at the outer rise. *Journal of Geophysical Research*, **1979**, 84, 2343		26
13	A moment magnitude scale. *Journal of Geophysical Research*, **1979**, 84, 2348		2047
12	Frictional metamorphism, argon depletion, and tectonic stress on the Alpine Fault, New Zealand. *Journal of Geophysical Research*, **1979**, 84, 6770-6782		77
11	Earthquake stress drops, ambient tectonic stresses and stresses that drive plate motions. *Pure and Applied Geophysics*, **1977**, 115, 441-458	2.2	299
10	Earthquake Stress Drops, Ambient Tectonic Stresses and Stresses That Drive Plate Motions **1977**, 441-458		8
9	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
8	Seismic Moments of the Larger Earthquakes of the Southern California Region. *Bulletin of the Geological Society of America*, **1975**, 86, 1131	3.9	78
7	The faulting mechanism of the San Fernando Earthquake. *Journal of Geophysical Research*, **1974**, 79, 1215-1229		62
6	Source parameters of southern California earthquakes. *Journal of Geophysical Research*, **1973**, 78, 8547-8576		288

5	Origin, evolution and present thermal state of the Moon. *Physics of the Earth and Planetary Interiors* , **1972**, 5, 409-425	2.3	21
4	A graphical representation of seismic source parameters. *Journal of Geophysical Research*, **1972**, 77, 4393-4405		91
3	Formation of the Earth's Core. *Nature*, **1972**, 237, 387-388	50.4	24
2	The Kuril Trench - Hokkaido Rise System: Large Shallow Earthquakes and Simple Models of Deformation. *Geophysical Journal International*, **1971**, 23, 173-189	2.6	235
1	The early thermal history of the earth. *Physics of the Earth and Planetary Interiors*, **1969**, 2, 19-29	2.3	147