

Hitoshi Hirose

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,609
citations

394421

19
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1307
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow Earthquakes Coincident with Episodic Tremors and Slow Slip Events. <i>Science</i> , 2007, 315, 503-506.	12.6	420
2	Episodic slow slip events accompanied by non-volcanic tremors in southwest Japan subduction zone. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	414
3	A slow thrust slip event following the two 1996 Hyuganada Earthquakes beneath the Bungo Channel, southwest Japan. <i>Geophysical Research Letters</i> , 1999, 26, 3237-3240.	4.0	377
4	Repeating short- and long-term slow slip events with deep tremor activity around the Bungo channel region, southwest Japan. <i>Earth, Planets and Space</i> , 2005, 57, 961-972.	2.5	235
5	Spatial distribution and focal mechanisms of aftershocks of the 2011 off the Pacific coast of Tohoku Earthquake. <i>Earth, Planets and Space</i> , 2011, 63, 669-673.	2.5	229
6	Non-volcanic deep low-frequency tremors accompanying slow slips in the southwest Japan subduction zone. <i>Tectonophysics</i> , 2006, 417, 33-51.	2.2	161
7	Modeling short- and long-term slow slip events in the seismic cycles of large subduction earthquakes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	108
8	Short-term slow slip and correlated tremor episodes in the Tokai region, central Japan. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	87
9	Slow Earthquakes Linked Along Dip in the Nankai Subduction Zone. <i>Science</i> , 2010, 330, 1502-1502.	12.6	85
10	Along-strike variations in short-term slow slip events in the southwest Japan subduction zone. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	76
11	Recurrence behavior of short-term slow slip and correlated nonvolcanic tremor episodes in western Shikoku, southwest Japan. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	69
12	Recurrent slow slip event likely hastened by the 2011 Tohoku earthquake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15157-15161.	7.1	54
13	The Boso slow slip events in 2007 and 2011 as a driving process for the accompanying earthquake swarm. <i>Geophysical Research Letters</i> , 2014, 41, 2778-2785.	4.0	49
14	Insights into the mechanism of intermediate-depth earthquakes from source properties as imaged by back projection of multiple seismic phases. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	48
15	Comprehensive model of short- and long-term slow slip events in the Shikoku region of Japan, incorporating a realistic plate configuration. <i>Geophysical Research Letters</i> , 2013, 40, 5125-5130.	4.0	28
16	Fractional seismic velocity change related to magma intrusions during earthquake swarms in the eastern Izu peninsula, central Japan. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
17	Possible shallow slow slip events in Hyuga-nada, Nankai subduction zone, inferred from migration of very low frequency earthquakes. <i>Geophysical Research Letters</i> , 2015, 42, 331-338.	4.0	23
18	Modeling of slow slip events along the deep subduction zone in the Kii Peninsula and Tokai regions, southwest Japan. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22

#	ARTICLE	IF	CITATIONS
19	Modeling the activity of short-term slow slip events along deep subduction interfaces beneath Shikoku, southwest Japan. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
20	Tilt records prior to the 2011 off the Pacific coast of Tohoku Earthquake. <i>Earth, Planets and Space</i> , 2011, 63, 655-658.	2.5	17
21	A model for complex slip behavior on a large asperity at subduction zones. <i>Geophysical Research Letters</i> , 2002, 29, 25-1-25-4.	4.0	16
22	Development of a detection method for short-term slow slip events using GNSS data and its application to the Nankai subduction zone. <i>Earth, Planets and Space</i> , 2022, 74, .	2.5	16
23	A 3-D Quasi-static Model for a Variety of Slip Behaviors on a Subduction Fault. <i>Pure and Applied Geophysics</i> , 2004, 161, 2417.	1.9	13
24	Slip Distributions of Short-term Slow Slip Events in Shikoku, Southwest Japan, From 2001 to 2019 Based on Tilt Change Measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019601.	3.4	11
25	Automated detection of slow slip events within the Nankai subduction zone. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	5
26	A 3-D Quasi-static Model for a Variety of Slip Behaviors on a Subduction Fault. , 2004, , 2417-2431.		2