

Jacques Hinderer

List of Publications by Year in descending order

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25
papers

478
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687363

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26
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docs citations

26
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercomparing Superconducting Gravimeter Records in a Dense Meter-Scale Network at the J9 Gravimetric Observatory of Strasbourg, France. <i>Pure and Applied Geophysics</i> , 2022, 179, 1701-1727.	1.9	7
2	Using highly accurate land gravity and 3D geologic modeling to discriminate potential geothermal areas: Application to the Upper Rhine Graben, France. <i>Geophysics</i> , 2020, 85, G35-G56.	2.6	5
3	Performance of three iGrav superconducting gravity meters before and after transport to remote monitoring sites. <i>Geophysical Journal International</i> , 2020, 223, 959-972.	2.4	10
4	Continuous Monitoring with a Superconducting Gravimeter As a Proxy for Water Storage Changes in a Mountain Catchment. <i>International Association of Geodesy Symposia</i> , 2020, , 261-267.	0.4	5
5	A study of the monsoonal hydrology contribution using a 8-yr record (2010â€“2018) from superconducting gravimeter OSG-060 at Djougou (Benin, West Africa). <i>Geophysical Journal International</i> , 2020, 221, 431-439.	2.4	11
6	Monitoring of groundwater redistribution in a karst aquifer using a superconducting gravimeter. <i>E3S Web of Conferences</i> , 2019, 88, 03001.	0.5	9
7	More Thoughts on AGâ€“SG Comparisons and SG Scale Factor Determinations. <i>Pure and Applied Geophysics</i> , 2018, 175, 1699-1725.	1.9	13
8	A two-year analysis of the iOSG-24 superconducting gravimeter at the low noise underground laboratory (LSBB URL) of Rustrel, France: Environmental noise estimate. <i>Journal of Geodynamics</i> , 2018, 119, 1-8.	1.6	15
9	Geodynamics and Earth Tides Observations from Global to Micro Scale: Introduction. <i>Pure and Applied Geophysics</i> , 2018, 175, 1595-1597.	1.9	5
10	First analyses of the iOSG-type superconducting gravimeter at the low noise underground laboratory (LSBB URL) of Rustrel, France. <i>E3S Web of Conferences</i> , 2016, 12, 06003.	0.5	6
11	Tidal Spectroscopy from a Long Record of Superconducting Gravimeters in Strasbourg (France). <i>International Association of Geodesy Symposia</i> , 2016, , 131-136.	0.4	7
12	pyGrav, a Python-based program for handling and processing relative gravity data. <i>Computers and Geosciences</i> , 2016, 91, 90-97.	4.2	18
13	Monitoring of a geothermal reservoir by hybrid gravimetry; feasibility study applied to the Soultz-sous-ForÃ¢ts and Rittershoffen sites in the Rhine graben. <i>Geothermal Energy</i> , 2015, 3, .	1.9	21
14	Groundwater recharge by Sahelian riversâ€“consequences for agricultural development: example from the lower Komadugu Yobe River (Eastern Niger, Lake Chad Basin). <i>Environmental Earth Sciences</i> , 2015, 74, 1291-1302.	2.7	12
15	Comparison of the performances of different spring and superconducting gravimeters and STS-2 seismometer at the Gravimetric Observatory of Strasbourg, France. <i>Studia Geophysica Et Geodaetica</i> , 2015, 59, 58-82.	0.5	14
16	Decadal geodetic variations in Ny-Ãlesund (Svalbard): role of past and present ice-mass changes. <i>Geophysical Journal International</i> , 2014, 198, 285-297.	2.4	19
17	Analysis of co-located measurements made with a LaCoste&Romberg Graviton-EG gravimeter and two superconducting gravimeters at Strasbourg (France) and Yebes (Spain). <i>Acta Geodaetica Et Geophysica</i> , 2014, 49, 147-160.	1.6	6
18	Time stability of spring and superconducting gravimeters through the analysis of very long gravity records. <i>Journal of Geodynamics</i> , 2014, 80, 20-33.	1.6	27

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19	On the Accuracy of the Calibration of Superconducting Gravimeters Using Absolute and Spring Sensors: a Critical Comparison. <i>Pure and Applied Geophysics</i> , 2012, 169, 1343-1356.	1.9	24
20	Noise Levels of Superconducting Gravimeters: Updated Comparison and Time Stability. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 1233-1241.	2.3	54
21	Comparison of the Micro-g LaCoste gPhone-054 spring gravimeter and the GWR-C026 superconducting gravimeter in Strasbourg (France) using a 300-day time series. <i>Metrologia</i> , 2011, 48, 28-39.	1.2	44
22	Tilt effects on GWR superconducting gravimeters. <i>Journal of Geodynamics</i> , 2009, 48, 316-324.	1.6	17
23	Analysis of a 10-year (1997â€“2007) record of time-varying gravity in Strasbourg using absolute and superconducting gravimeters: New results on the calibration and comparison with GPS height changes and hydrology. <i>Journal of Geodynamics</i> , 2009, 48, 360-365.	1.6	36
24	Regional gravity variations in Europe from superconducting gravimeters. <i>Journal of Geodynamics</i> , 2004, 38, 325-342.	1.6	27
25	On the calibration of a superconducting gravimeter using absolute gravity measurements. <i>Geophysical Journal International</i> , 1991, 106, 491-497.	2.4	65