

# Jacques Hinderer

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

478  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the calibration of a superconducting gravimeter using absolute gravity measurements. <i>Geophysical Journal International</i> , 1991, 106, 491-497.	2.4	65
2	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
3	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
4	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
5	Regional gravity variations in Europe from superconducting gravimeters. <i>Journal of Geodynamics</i> , 2004, 38, 325-342.	1.6	27
6	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
7	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
8	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
9	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
10	pyGrav, a Python-based program for handling and processing relative gravity data. <i>Computers and Geosciences</i> , 2016, 91, 90-97.	4.2	18
11	Tilt effects on GWR superconducting gravimeters. <i>Journal of Geodynamics</i> , 2009, 48, 316-324.	1.6	17
12	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
13	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
14	More Thoughts on AGâ€“SG Comparisons and SG Scale Factor Determinations. <i>Pure and Applied Geophysics</i> , 2018, 175, 1699-1725.	1.9	13
15	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
16	A study of the monsoonal hydrology contribution using a 8-yr record (2010â€“2018) from superconducting gravimeter OSC-060 at Djougou (Benin, West Africa). <i>Geophysical Journal International</i> , 2020, 221, 431-439.	2.4	11
17	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
18	Monitoring of groundwater redistribution in a karst aquifer using a superconducting gravimeter. <i>E3S Web of Conferences</i> , 2019, 88, 03001.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Tidal Spectroscopy from a Long Record of Superconducting Gravimeters in Strasbourg (France). International Association of Geodesy Symposia, 2016, , 131-136.	0.4	7
20	Intercomparing Superconducting Gravimeter Records in a Dense Meter-Scale Network at the J9 Gravimetric Observatory of Strasbourg, France. Pure and Applied Geophysics, 2022, 179, 1701-1727.	1.9	7
21	Analysis of co-located measurements made with a LaCoste&Romberg Graviton-EG gravimeter and two superconducting gravimeters at Strasbourg (France) and Yebes (Spain). Acta Geodaetica Et Geophysica, 2014, 49, 147-160.	1.6	6
22	First analyses of the iOSG-type superconducting gravimeter at the low noise underground laboratory (LSBB URL) of Rustrel, France. E3S Web of Conferences, 2016, 12, 06003.	0.5	6
23	Geodynamics and Earth Tides Observations from Global to Micro Scale: Introduction. Pure and Applied Geophysics, 2018, 175, 1595-1597.	1.9	5
24	Using highly accurate land gravity and 3D geologic modeling to discriminate potential geothermal areas: Application to the Upper Rhine Graben, France. Geophysics, 2020, 85, G35-G56.	2.6	5
25	Continuous Monitoring with a Superconducting Gravimeter As a Proxy for Water Storage Changes in a Mountain Catchment. International Association of Geodesy Symposia, 2020, , 261-267.	0.4	5