

Norbert Kaul

List of Publications by Year in Descending Order

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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.

33
papers

892
citations

15
h-index

29
g-index

41
ext. papers

983
ext. citations

3.6
avg, IF

3.55
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 33 | Hydrothermal Activity at a Cretaceous Seamount, Canary Archipelago, Caused by Rejuvenated Volcanism. <i>Frontiers in Marine Science</i> , 2020 , 7, | 4.5 | 1 |
| 32 | Evidence for Low-Temperature Diffuse Venting at North Pond, Western Flank of the Mid-Atlantic Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 2572-2584 | 3.6 | 3 |
| 31 | Elevated geothermal surface heat flow in the Amundsen Sea Embayment, West Antarctica. <i>Earth and Planetary Science Letters</i> , 2019 , 506, 530-539 | 5.3 | 7 |
| 30 | Formation of hydrothermal pits and the role of seamounts in the Guatemala Basin (Equatorial East Pacific) from heat flow, seismic, and core studies. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 369-383 | 3.6 | 6 |
| 29 | The role of mud volcanism and deep-seated dewatering processes in the Nankai Trough accretionary prism and Kumano Basin, Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2486-2509 | 3.6 | 11 |
| 28 | Widespread seawater circulation in 1802 Ma oceanic crust: Impact on heat flow and sediment geochemistry. <i>Geology</i> , 2017 , 45, 799-802 | 5 | 26 |
| 27 | Geothermal heat flux in the Amundsen Sea sector of West Antarctica: New insights from temperature measurements, depth to the bottom of the magnetic source estimation, and thermal modeling. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2657-2672 | 3.6 | 14 |
| 26 | A Fluid Pulse on the Hikurangi Subduction Margin: Evidence From a Heat Flux Transect Across the Upper Limit of Gas Hydrate Stability. <i>Geophysical Research Letters</i> , 2017 , 44, 12,385 | 4.9 | 17 |
| 25 | Validation of impact penetrometer data by cone penetration testing and shallow seismic data within the regional geology of the Southern North Sea. <i>Geo-Marine Letters</i> , 2015 , 35, 203-219 | 1.9 | 7 |
| 24 | Strike-slip faults mediate the rise of crustal-derived fluids and mud volcanism in the deep sea. <i>Geology</i> , 2015 , 43, 339-342 | 5 | 45 |
| 23 | Temperature measurements and thermal gradient estimates on the slope and shelf-edge region of the Beaufort Sea, Canada 2015 , | | 3 |
| 22 | Influence of recent depositional and tectonic controls on marine gas hydrates in Trujillo Basin, Peru Margin. <i>Marine Geology</i> , 2013 , 340, 30-48 | 3.3 | 6 |
| 21 | The Lance Insertion Retardation meter (LIRmeter): an instrument for in situ determination of sea floor properties Technical description and performance evaluation. <i>Marine Geophysical Researches</i> , 2012 , 33, 209-221 | 2.3 | 8 |
| 20 | LIRmeter: A new tool for rapid assessment of sea floor parameters. Bridging the gap between free-fall instruments and frame-based CPT 2011 , | | 1 |
| 19 | Gravity crustal models and heat flow measurements for the Eurasia Basin, Arctic Ocean. <i>Marine Geophysical Researches</i> , 2009 , 30, 277-292 | 2.3 | 24 |
| 18 | Heat flow anomalies in the Gulf of Cadiz and off Cape San Vicente, Portugal. <i>Marine and Petroleum Geology</i> , 2009 , 26, 795-804 | 4.7 | 33 |
| 17 | Non-contact infrared temperature measurements in dry permafrost boreholes. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 6 |

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| 16 | In situ fluxes and zonation of microbial activity in surface sediments of the Håkon Mosby Mud Volcano. <i>Limnology and Oceanography</i> , 2006 , 51, 1315-1331 | 4.8 | 159 |
| 15 | Geothermal evidence for fluid flow through the gas hydrate stability field off Central Chile-transient flow related to large subduction zone earthquakes?. <i>Geophysical Journal International</i> , 2006 , 166, 461-468 | 2.6 | 20 |
| 14 | Estimating mud expulsion rates from temperature measurements on Håkon Mosby Mud Volcano, SW Barents Sea. <i>Marine Geology</i> , 2006 , 229, 1-14 | 3.3 | 38 |
| 13 | Heat flow and bending-related faulting at subduction trenches: Case studies offshore of Nicaragua and Central Chile. <i>Earth and Planetary Science Letters</i> , 2005 , 236, 238-248 | 5.3 | 91 |
| 12 | Methane hydrate accumulation in Mound 11 mud volcano, Costa Rica forearc. <i>Marine Geology</i> , 2005 , 216, 83-100 | 3.3 | 71 |
| 11 | Fluid flow through active mud dome Mound Culebra offshore Nicoya Peninsula, Costa Rica: evidence from heat flow surveying. <i>Marine Geology</i> , 2004 , 207, 145-157 | 3.3 | 43 |
| 10 | Asymmetric sedimentation on young ocean floor at the East Pacific Rise, 15°S. <i>Marine Geology</i> , 2003 , 193, 49-59 | 3.3 | 12 |
| 9 | Eurasia spreading basin to Laptev Shelf transition: structural pattern and heat flow. <i>Geophysical Journal International</i> , 2003 , 152, 688-698 | 2.6 | 41 |
| 8 | Comment [on Deep-penetration heat flow probes raise questions about interpretations from shorter probes by Gill et al.]. <i>Eos</i> , 2002 , 83, 196-196 | 1.5 | 1 |
| 7 | Hydrothermal heat flux through aged oceanic crust: where does the heat escape?. <i>Earth and Planetary Science Letters</i> , 2002 , 202, 159-170 | 5.3 | 55 |
| 6 | Comparison of measured and BSR-derived heat flow values, Makran accretionary prism, Pakistan. <i>Marine Geology</i> , 2000 , 164, 37-51 | 3.3 | 61 |
| 5 | Hydrothermal activity and the evolution of the seismic properties of upper oceanic crust. <i>Journal of Geophysical Research</i> , 1999 , 104, 5069-5079 | | 47 |
| 4 | The history of denudation and resedimentation at the continental margin of western Dronning Maud Land, Antarctica, during break-up of Gondwana. <i>Geological Society Special Publication</i> , 1996 , 108, 191-199 | 1.7 | 3 |
| 3 | Aging of oceanic crust at the Southern East Pacific Rise. <i>Eos</i> , 1996 , 77, 504 | 1.5 | 9 |
| 2 | A Fine-Scale Seismic Stratigraphy of the Eastern Margin of the Weddell Sea 1990 , 131-161 | | 13 |
| 1 | Geophysical site survey results from North Pond (Mid-Atlantic Ridge). <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , | | 9 |