

Christof Vockenhuber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3420728/publications.pdf>

Version: 2024-02-01

35
papers

475
citations

759233

12
h-index

752698

20
g-index

35
all docs

35
docs citations

35
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid post-glacial bedrock weathering in coastal Norway. <i>Geomorphology</i> , 2022, 397, 108003.	2.6	1
2	Cosmogenic radionuclides reveal an extreme solar particle storm near a solar minimum 9125 years BP. <i>Nature Communications</i> , 2022, 13, 214.	12.8	24
3	Age of the Most Extensive Glaciation in the Alps. <i>Geosciences (Switzerland)</i> , 2022, 12, 39.	2.2	6
4	Seismic history of western Anatolia during the last 16 kyr determined by cosmogenic ^{36}Cl dating. <i>Swiss Journal of Geosciences</i> , 2022, 115, 5.	1.2	4
5	Controls on the $^{36}\text{Cl}/\text{Cl}$ input ratio of paleo-groundwater in arid environments: New evidence from $^{81}\text{Kr}/\text{Kr}$ data. <i>Science of the Total Environment</i> , 2021, 762, 144106.	8.0	8
6	The last glaciation of the Arctic volcanic island Jan Mayen. <i>Boreas</i> , 2021, 50, 6-28.	2.4	7
7	Nonuniform Late Pleistocene glacier fluctuations in tropical Eastern Africa. <i>Science Advances</i> , 2021, 7, .	10.3	28
8	Cosmogenic in situ ^{14}C - ^{10}Be reveals abrupt Late Holocene soil loss in the Andean Altiplano. <i>Nature Communications</i> , 2021, 12, 2546.	12.8	17
9	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy Metal Targets: Part II Tungsten. <i>Analytical Chemistry</i> , 2021, 93, 10798-10806.	6.5	3
10	Glacial Erosion Rates Determined at Vorab Glacier: Implications for the Evolution of Limestone Plateaus. <i>Geosciences (Switzerland)</i> , 2021, 11, 356.	2.2	2
11	Slope Failure in a Period of Increased Landslide Activity: Sennwald Rock Avalanche, Switzerland. <i>Geosciences (Switzerland)</i> , 2021, 11, 331.	2.2	2
12	Cosmogenic Exposure Dating (^{36}Cl) of Landforms on Jan Mayen, North Atlantic, and the Effects of Bedrock Formation Age Assumptions on ^{36}Cl Ages. <i>Geosciences (Switzerland)</i> , 2021, 11, 390.	2.2	5
13	Reconstructing the Gorte and Spiaz de Navesele Landslides, NE of Lake Garda, Trentino Dolomites (Italy). <i>Geosciences (Switzerland)</i> , 2021, 11, 404.	2.2	3
14	Constraining the Age and Source Area of the Molveno landslide Deposits in the Brenta Group, Trentino Dolomites (Italy). <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	7
15	The Kandersteg rock avalanche (Switzerland): integrated analysis of a late Holocene catastrophic event. <i>Landslides</i> , 2020, 17, 1297-1317.	5.4	15
16	Quantifying glacial erosion on a limestone bed and the relevance for landscape development in the Alps. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1401-1417.	2.5	12
17	Radionuclides in surface waters around the damaged Fukushima Daiichi NPP one month after the accident: Evidence of significant tritium release into the environment. <i>Science of the Total Environment</i> , 2019, 689, 451-456.	8.0	46
18	Dating of active normal fault scarps in the ~ 14 Menderes Graben (western Anatolia) and its implications for seismic history. <i>Quaternary Science Reviews</i> , 2019, 220, 111-123.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Fast long-term denudation rate of steep alpine headwalls inferred from cosmogenic ^{36}Cl depth profiles. <i>Scientific Reports</i> , 2019, 9, 11023.	3.3	10
20	Fault Scarp Dating Tool - a MATLAB code for fault scarp dating using in-situ chlorine-36 supplemented with datasets of Yavansu and Kalafat faults. <i>Data in Brief</i> , 2019, 26, 104476.	1.0	10
21	^{36}Cl measurements with a gas-filled magnet at 6 μmV . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 455, 190-194.	1.4	25
22	Chemical Versus Mechanical Denudation in Metaclastic and Carbonate Bedrock Catchments on Crete, Greece, and Mechanisms for Steep and High Carbonate Topography. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2943-2961.	2.8	12
23	Possible climatic controls on the accumulation of Peru's most prominent alluvial fan: The Lima Conglomerate. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 991-1003.	2.5	5
24	Measurement of the ^{43}Sc production cross-section with a deuteron beam. <i>Applied Radiation and Isotopes</i> , 2019, 145, 205-208.	1.5	9
25	Fluvial dynamics and ^{14}C ^{10}Be disequilibrium on the Bolivian Altiplano. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 766-780.	2.5	8
26	Holocene seismic activity of the Priene-Sazl \pm Fault revealed by cosmogenic ^{36}Cl , Western Anatolia, Turkey. <i>Turkish Journal of Earth Sciences</i> , 2019, 28, 410-437.	1.0	11
27	Isochron burial dating of glaciofluvial deposits: First results from the Swiss Alps. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2414-2425.	2.5	36
28	Potential Releases of ^{129}I , ^{236}U , and Pu Isotopes from the Fukushima Dai-ichi Nuclear Power Plants to the Ocean from 2013 to 2015. <i>Environmental Science & Technology</i> , 2017, 51, 9826-9835.	10.0	35
29	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy-Metal Targets: Part I $^{90}\text{Tantalum}$. <i>Analytical Chemistry</i> , 2017, 89, 13541-13549.	6.5	6
30	Subglacial abrasion rates at Goldbergkees, Hohe Tauern, Austria, determined from cosmogenic ^{10}Be and ^{36}Cl concentrations. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1119-1131.	2.5	12
31	Radioecological investigation of ^3H , ^{14}C , and ^{129}I in natural waters from Fuhrberger Feld catchment, Northern Germany. <i>Journal of Environmental Radioactivity</i> , 2016, 165, 243-252.	1.7	10
32	Reconstruction of the ^{236}U input function for the Northeast Atlantic Ocean: Implications for ^{129}I and ^{236}U and ^{236}U ^{238}U -based tracer ages. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7282-7299.	2.6	46
33	Radiochemical determination of ^{129}I and ^{36}Cl in MEGAPIE, a proton irradiated lead-bismuth eutectic spallation target. <i>Radiochimica Acta</i> , 2015, 103, 745-758.	1.2	9
34	Oral Vitamin D Supplements Increase Serum 25-Hydroxyvitamin D in Postmenopausal Women and Reduce Bone Calcium Flux Measured by ^{41}Ca Skeletal Labeling. <i>Journal of Nutrition</i> , 2015, 145, 2333-2340.	2.9	6
35	Energy-loss straggling of 2 μmV Kr ions in gases. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	13