Christof Vockenhuber

List of Publications by Year
in descending order

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	Reconstruction of the ²³⁶<scp>U</scp> input function for the <scp>N</scp>ortheast <scp>A</scp>tlantic <scp>O</scp>cean: Implications for ¹²⁹<scp>I</scp>/²³⁶<scp>U</scp> and ²³⁶<scp>U</scp>/²³⁸<scp>U</scp>â€based tracer ages. Journal of Geophysical Research: Oceans, 2015, 120, 7282-7299.	2.6	46
2	Radionuclides in surface waters around the damaged Fukushima Daiichi NPP one month after the accident: Evidence of significant tritium release into the environment. Science of the Total Environment, 2019, 689, 451-456.	8.0	46
3	Isochronâ€burial dating of glaciofluvial deposits: First results from the Swiss Alps. Earth Surface Processes and Landforms, 2017, 42, 2414-2425.	2.5	36
4	Potential Releases of ¹²⁹I, ²³⁶U, and Pu Isotopes from the Fukushima Dai-ichi Nuclear Power Plants to the Ocean from 2013 to 2015. Environmental Science & Technology, 2017, 51, 9826-9835.	10.0	35
5	Nonuniform Late Pleistocene glacier fluctuations in tropical Eastern Africa. Science Advances, 2021, 7, .	10.3	28
6	36Cl measurements with a gas-filled magnet at 6â€¯MV. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 190-194.	1.4	25
7	Cosmogenic radionuclides reveal an extreme solar particle storm near a solar minimum 9125 years BP. Nature Communications, 2022, 13, 214.	12.8	24
8	Dating of active normal fault scarps in the BÃ¼yÃ¼k Menderes Graben (western Anatolia) and its implications for seismic history. Quaternary Science Reviews, 2019, 220, 111-123.	3.0	22
9	Cosmogenic in situ 14C-10Be reveals abrupt Late Holocene soil loss in the Andean Altiplano. Nature Communications, 2021, 12, 2546.	12.8	17
10	The Kandersteg rock avalanche (Switzerland): integrated analysis of a late Holocene catastrophic event. Landslides, 2020, 17, 1297-1317.	5.4	15
11	Energy-loss straggling of 2â€“10 MeV/u Kr ions in gases. European Physical Journal D, 2013, 67, 1.	1.3	13
12	Subglacial abrasion rates at Goldbergkees, Hohe Tauern, Austria, determined from cosmogenic ¹⁰Be and ³⁶Cl concentrations. Earth Surface Processes and Landforms, 2017, 42, 1119-1131.	2.5	12
13	Chemical Versus Mechanical Denudation in Metaâ€Clastic and Carbonate Bedrock Catchments on Crete, Greece, and Mechanisms for Steep and High Carbonate Topography. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2943-2961.	2.8	12
14	Quantifying glacial erosion on a limestone bed and the relevance for landscape development in the Alps. Earth Surface Processes and Landforms, 2020, 45, 1401-1417.	2.5	12
15	Holocene seismic activity of the Prieneâ€“SazlÄ± Fault revealed by cosmogenic 36Cl,Western Anatolia, Turkey. Turkish Journal of Earth Sciences, 2019, 28, 410-437.	1.0	11
16	Radioecological investigation of 3H, 14C, and 129I in natural waters from Fuhrberger Feld catchment, Northern Germany. Journal of Environmental Radioactivity, 2016, 165, 243-252.	1.7	10
17	Fast long-term denudation rate of steep alpine headwalls inferred from cosmogenic 36Cl depth profiles. Scientific Reports, 2019, 9, 11023.	3.3	10
18	Fault Scarp Dating Tool - a MATLAB code for fault scarp dating using in-situ chlorine-36 supplemented with datasets of Yavansu and Kalafat faults. Data in Brief, 2019, 26, 104476.	1.0	10

#	Article	IF	Citations
19	Radiochemical determination of ¹²⁹I and ³⁶Cl in MEGAPIE, a proton irradiated lead-bismuth eutectic spallation target. Radiochimica Acta, 2015, 103, 745-758.	1.2	9
20	Measurement of the 43Sc production cross-section with a deuteron beam. Applied Radiation and Isotopes, 2019, 145, 205-208.	1.5	9
21	Fluvial dynamics and ¹⁴Câ€‹¹⁰Be disequilibrium on the Bolivian Altiplano. Earth Surface Processes and Landforms, 2019, 44, 766-780.	2.5	8
22	Controls on the 36Cl/Cl input ratio of paleo-groundwater in arid environments: New evidence from 81Kr/Kr data. Science of the Total Environment, 2021, 762, 144106.	8.0	8
23	Constraining the Age and Source Area of the Molveno landslide Deposits in the Brenta Group, Trentino Dolomites (Italy). Frontiers in Earth Science, 2020, 8, .	1.8	7
24	The last glaciation of the Arctic volcanic island Jan Mayen. Boreas, 2021, 50, 6-28.	2.4	7
25	Oral Vitamin D Supplements Increase Serum 25-Hydroxyvitamin D in Postmenopausal Women and Reduce Bone Calcium Flux Measured by 41Ca Skeletal Labeling. Journal of Nutrition, 2015, 145, 2333-2340.	2.9	6
26	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy-Metal Targets: Part Iâ€”Tantalum. Analytical Chemistry, 2017, 89, 13541-13549.	6.5	6
27	Age of the Most Extensive Glaciation in the Alps. Geosciences (Switzerland), 2022, 12, 39.	2.2	6
28	Possible climatic controls on the accumulation of Peru's most prominent alluvial fan: The Lima Conglomerate. Earth Surface Processes and Landforms, 2019, 44, 991-1003.	2.5	5
29	Cosmogenic Exposure Dating (36Cl) of Landforms on Jan Mayen, North Atlantic, and the Effects of Bedrock Formation Age Assumptions on 36Cl Ages. Geosciences (Switzerland), 2021, 11, 390.	2.2	5
30	Seismic history of western Anatolia during the last 16 kyr determined by cosmogenic 36Cl dating. Swiss Journal of Geosciences, 2022, 115, 5.	1.2	4
31	Radiochemical Determination of Long-Lived Radionuclides in Proton-Irradiated Heavy Metal Targets: Part II Tungsten. Analytical Chemistry, 2021, 93, 10798-10806.	6.5	3
32	Reconstructing the Gorte and Spiaz de Navesele Landslides, NE of Lake Garda, Trentino Dolomites (Italy). Geosciences (Switzerland), 2021, 11, 404.	2.2	3
33	Glacial Erosion Rates Determined at Vorab Glacier: Implications for the Evolution of Limestone Plateaus. Geosciences (Switzerland), 2021, 11, 356.	2.2	2
34	Slope Failure in a Period of Increased Landslide Activity: Sennwald Rock Avalanche, Switzerland. Geosciences (Switzerland), 2021, 11, 331.	2.2	2
35	Rapid post-glacial bedrock weathering in coastal Norway. Geomorphology, 2022, 397, 108003.	2.6	1