

# Ulrike Weis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4756177/publications.pdf>

Version: 2024-02-01

52  
papers

2,755  
citations

516710

16  
h-index

206112

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Reference Values for NIST SRM 610â€“617 Glasses Following ISO Guidelines. Geostandards and Geoanalytical Research, 2011, 35, 397-429.	3.1	1,371
2	Reference Values Following <sc>ISO</sc> Guidelines for Frequently Requested Rock Reference Materials. Geostandards and Geoanalytical Research, 2016, 40, 333-350.	3.1	339
3	Accurate trace element analysis of speleothems and biogenic calcium carbonates by LA-ICP-MS. Chemical Geology, 2012, 318-319, 31-44.	3.3	194
4	GSD-1G and MPI-DING Reference Glasses for In Situ and Bulk Isotopic Determination. Geostandards and Geoanalytical Research, 2011, 35, 193-226.	3.1	122
5	Nonâ€“Matrixâ€“Matched Calibration for the Multiâ€“Element Analysis of Geological and Environmental Samples Using 200Ånm Femtosecond <sc>LA</sc>â€“<sc>ICP</sc>â€“<sc>MS</sc>: A Comparison with Nanosecond Lasers. Geostandards and Geoanalytical Research, 2014, 38, 265-292.	3.1	86
6	Influence of Compensating Defect Formation on the Doping Efficiency and Thermoelectric Properties of Cu<sub>2-y</sub>Se<sub>1â€“x</sub>Br<sub>x</sub>. Chemistry of Materials, 2015, 27, 7018-7027.	6.7	67
7	The U/Pb ratio of the Earth's mantleâ€“A signature of late volatile addition. Earth and Planetary Science Letters, 2013, 362, 237-245.	4.4	54
8	Lead isotope variability in speleothemsâ€“A promising new proxy for hydrological change? First results from a stalagmite from western Germany. Chemical Geology, 2015, 396, 143-151.	3.3	44
9	Zinc isotopes in Late Pleistocene fossil teeth from a Southeast Asian cave setting preserve paleodietary information. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4675-4681.	7.1	44
10	Nanoâ€“Powdered Calcium Carbonate Reference Materials: Significant Progress for Microanalysis?. Geostandards and Geoanalytical Research, 2019, 43, 595-609.	3.1	41
11	In situ Sr isotopic analysis of low Sr silicates using LA-ICP-MS. Journal of Analytical Atomic Spectrometry, 2009, 24, 1237.	3.0	32
12	Characterization and differentiation of rock varnish types from different environments by microanalytical techniques. Chemical Geology, 2017, 459, 91-118.	3.3	31
13	BAMâ€“6005 Type A and B: New Silicate Reference Glasses for Microanalysis. Geostandards and Geoanalytical Research, 2012, 36, 301-313.	3.1	23
14	Microanalytical methods for in-situ high-resolution analysis of rock varnish at the micrometer to nanometer scale. Chemical Geology, 2015, 411, 57-68.	3.3	22
15	Investigation of matrix effects in 193nm laser ablation-inductively coupled plasma-mass spectrometry analysis using reference glasses of different transparencies. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2012, 78, 20-28.	2.9	20
16	Wholeâ€“Ocean Changes in Silica and Ge/Si Ratios During the Last Deglacial Deduced From Longâ€“Lived Giant Glass Sponges. Geophysical Research Letters, 2017, 44, 11,555.	4.0	19
17	<sc>GGR</sc> Biennial Critical Review: Analytical Developments Since 2010. Geostandards and Geoanalytical Research, 2012, 36, 337-398.	3.1	15
18	A new technique to determine element amounts down to femtograms in dust using femtosecond laser ablation-inductively coupled plasma-mass spectrometry. Chemical Geology, 2014, 383, 123-131.	3.3	15

#	ARTICLE	IF	CITATIONS
19	FeMnOx-1: A new microanalytical reference material for the investigation of Mn-Fe rich geological samples. <i>Chemical Geology</i> , 2016, 432, 34-40.	3.3	15
20	In situ <sup>230</sup> Th- <sup>232</sup> Th- <sup>234</sup> U- <sup>238</sup> U analysis of silicate glasses and carbonates using laser ablation single-collector sector-field ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1895.	3.0	14
21	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. <i>PLoS ONE</i> , 2020, 15, e0235421.	2.5	13
22	Trace element variability in single ostracod valves as a proxy for hydrochemical change in Nam Co, central Tibet, during the Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 225-235.	2.3	12
23	In-situ high spatial resolution LA-MC-ICPMS <sup>230</sup> Th/U dating enables detection of small-scale age inversions in speleothems. <i>Solid Earth Sciences</i> , 2017, 2, 1-9.	1.7	12
24	Geochemical insights into the relationship of rock varnish and adjacent mineral dust fractions. <i>Chemical Geology</i> , 2020, 551, 119775.	3.3	12
25	Geostandards and Geoanalytical Research Bibliographic Review 2008. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 501-505.	3.1	11
26	GGR Biennial Critical Review: Analytical Developments Since 2014. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 493-562.	3.1	11
27	Femtosecond Laser Ablation-ICP-Mass Spectrometry and CHNS Elemental Analyzer Reveal Trace Element Characteristics of Danburite from Mexico, Tanzania, and Vietnam. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 234.	2.0	10
28	Geostandards and Geoanalytical Research Bibliographic Review 2007. <i>Geostandards and Geoanalytical Research</i> , 2008, 32, 509-514.	3.1	9
29	Geostandards and Geoanalytical Research Bibliographic Review 2011. <i>Geostandards and Geoanalytical Research</i> , 2012, 36, 415-419.	3.1	9
30	Archaeometric studies on the petroglyphs and rock varnish at Kilwa and Sakaka, northern Saudi Arabia. <i>Arabian Archaeology and Epigraphy</i> , 2020, 31, 219-244.	0.3	9
31	High-Resolution Mg/Ca Measurements of Foraminifer Shells Using Femtosecond LA-ICP-MS for Paleoclimate Proxy Development. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2053-2063.	2.5	8
32	Geostandards and Geoanalytical Research Bibliographic Review 2009. <i>Geostandards and Geoanalytical Research</i> , 2010, 34, 407-410.	3.1	7
33	Suitability of Mn- and Fe-Rich Reference Materials for Microanalytical Research. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 493-504.	3.1	7
34	Deep Thermohaline Circulation Across the Closure of the Central American Seaway. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA004049.	2.9	7
35	Geostandards and Geoanalytical Research Bibliographic Review 2010. <i>Geostandards and Geoanalytical Research</i> , 2011, 35, 485-488.	3.1	6
36	Hydrated Peridotite-Basaltic Melt Interaction Part II: Fast Assimilation of Serpentinized Mantle by Basaltic Magma. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	6

#	ARTICLE	IF	CITATIONS
37	Geostandards and Geoanalytical Research Bibliographic Review 2020. Geostandards and Geoanalytical Research, 2022, 46, 129-134.	3.1	5
38	Geostandards and Geoanalytical Research Bibliographic Review 2014. Geostandards and Geoanalytical Research, 2015, 39, 497-500.	3.1	4
39	Geostandards and Geoanalytical Research Bibliographic Review 2019. Geostandards and Geoanalytical Research, 2021, 45, 29-35.	3.1	4
40	Intratest Variations in Trace Element Composition of <i>Amphistegina lessonii</i> Using Femtosecond-Laser Ablation-ICP-Mass Spectrometry: A Field Study From Akajima, Okinawa Prefecture, Japan. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009443.	2.5	4
41	A New Find of Danburite in the Luc Yen Mining Area, Vietnam. Gems & Gemology, 2017, 52, 393-401.	0.6	4
42	Geostandards and Geoanalytical Research Bibliographic Review 2012. Geostandards and Geoanalytical Research, 2013, 37, 469-473.	3.1	3
43	Geostandards and Geoanalytical Research Bibliographic Review 2013. Geostandards and Geoanalytical Research, 2014, 38, 513-515.	3.1	3
44	Geostandards and Geoanalytical Research Bibliographic Review 2015. Geostandards and Geoanalytical Research, 2016, 40, 599-601.	3.1	3
45	Chemical composition of modern and fossil hippopotamid teeth and implications for paleoenvironmental reconstructions and enamel formation – Part 2: Alkaline earth elements as tracers of watershed hydrochemistry and provenance. Biogeosciences, 2012, 9, 4803-4817.	3.3	2
46	Geostandards and Geoanalytical Research Bibliographic Review 2016. Geostandards and Geoanalytical Research, 2017, 41, 487-491.	3.1	2
47	Geostandards and Geoanalytical Research Bibliographic Review 2017. Geostandards and Geoanalytical Research, 2018, 42, 425-430.	3.1	2
48	Geostandards and Geoanalytical Research Bibliographic Review 2018. Geostandards and Geoanalytical Research, 2020, 44, 51-56.	3.1	2
49	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0
50	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0
51	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0
52	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0