

# Urs Kloetzli

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8494407/urs-kloetzli-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89  
papers

2,767  
citations

27  
h-index

50  
g-index

99  
ext. papers

3,074  
ext. citations

2.7  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
89	Petrochronological Evidence for a Three-Stage Magmatic Evolution of the Youngest Nepheline Syenites from the Ditrŭ Alkaline Massif, Romania. <i>Minerals (Basel, Switzerland)</i> , <b>2022</b> , 12, 657	2.4	
88	Tracing proto-Rheic - Qaidam Ocean vestiges into the Western Tatra Mountains and implications for the Palaeozoic palaeogeography of Central Europe. <i>Gondwana Research</i> , <b>2021</b> , 91, 188-204	5.1	7
87	Rapid decomposition of geological samples by ammonium bifluoride (NH <sub>4</sub> HF <sub>2</sub> ) for combined HF-Nd-Sr isotope analyses. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9081	2.2	1
86	Cenozoic evolution of the Yangtze River: Constraints from detrital zircon U-Pb ages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 579, 110586	2.9	0
85	Climate variability and paleoceanography during the Late Cretaceous: Evidence from palynology, geochemistry and stable isotopes analyses from the southern Tethys. <i>Cretaceous Research</i> , <b>2021</b> , 126, 104831	1.8	3
84	U-Pb geochronology, petrogenesis and tectonomagmatic evolution of uppermost Neoproterozoic-lower Cambrian intrusive rocks in Kaboodan area, NE of Iran. <i>International Geology Review</i> , <b>2020</b> , 62, 1971-1987	2.3	0
83	Dating multiple generation of zircons from granites and gneiss from Thailand: Implication for the crustal evolution of the Sibumasu terrane. <i>Journal of Asian Earth Sciences</i> , <b>2020</b> , 190, 104148	2.8	3
82	Inherited or not inherited: Complexities in dating the atypical ĄoldĄChopok granite (NĄke Tatry Mountains, Slovakia). <i>Gondwana Research</i> , <b>2020</b> , 87, 138-161	5.1	2
81	Petrological investigation of Late Cretaceous magmatism in Kaboodan area, NE Iran: Evidence for an active continental arc at Sabzevar zone. <i>Lithos</i> , <b>2019</b> , 348-349, 105183	2.9	3
80	Precipitation of dolomite from seawater on a Carnian coastal plain (Dolomites, northern Italy): evidence from carbonate petrography and Sr isotopes. <i>Solid Earth</i> , <b>2019</b> , 10, 1243-1267	3.3	2
79	The actinide beamline at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 458, 82-89	1.2	7
78	New age constraints on the Lan Sang gneiss complex, Thailand, and the timing of activity of the Mae Ping shear zone from in-situ and depth-profile zircon and monazite U-Th-Pb geochronology. <i>Journal of Asian Earth Sciences</i> , <b>2019</b> , 181, 103886	2.8	12
77	Lead oxide nanospheres in seismically deformed zircon grains. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 262, 20-30	5.5	5
76	Cadomian protolith ages of exotic mega blocks from Bugaj and Andrychŭ (Western outer Carpathians, Poland) and their palaeogeographic significance. <i>Geochronometria</i> , <b>2019</b> , 46, 25-36	1	6
75	Variscan post-collisional cooling and uplift of the Tatra Mountains crystalline block constrained by integrated zircon, apatite and titanite LA-(MC)-ICP-MS U-Pb dating and rare earth element analyses. <i>Chemical Geology</i> , <b>2018</b> , 484, 191-209	4.2	6
74	Late Triassic acidic volcanic clasts in different Neotethyan sedimentary mĄnges: paleogeographic and geodynamic implications. <i>International Journal of Earth Sciences</i> , <b>2018</b> , 107, 2975-2998	2.2	7
73	Geochronology of granitoids from Psunj and Papuk Mts., Croatia. <i>Geochronometria</i> , <b>2018</b> , 45, 198-210	1	1

72	Quantitative finite strain analysis of the quartz mylonites within the Three Pagodas shear zone, western Thailand. <i>Austrian Journal of Earth Sciences</i> , <b>2018</b> , 111, 171-179	0.9	0
71	Sr-Nd-Hf Isotopic Analysis of . <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 60-72	3.6	5
70	Mechanisms of strain accommodation in plastically-deformed zircon under simple shear deformation conditions during amphibolite-facies metamorphism. <i>Journal of Structural Geology</i> , <b>2018</b> , 107, 12-24	3	2
69	Pre-Alpine evolution of the Seckau Complex (Austroalpine basement/Eastern Alps): Constraints from in-situ LA-ICP-MS UPb zircon geochronology. <i>Lithos</i> , <b>2018</b> , 296-299, 412-430	2.9	18
68	The evolution of Eastern Tornquist-Paleoasian Ocean and subsequent continental collisions: A case study from the Western Tatra Mountains, Central Western Carpathians (Poland). <i>Gondwana Research</i> , <b>2017</b> , 48, 134-152	5.1	10
67	Complicated secondary textures in zircon record evolution of the host granitic rocks: Studies from Western Tauern Window and Eitzal-Stubai Crystalline Complex (Eastern Alps, Western Austria). <i>Lithos</i> , <b>2017</b> , 284-285, 381-400	2.9	3
66	The effect of crystal-plastic deformation on isotope and trace element distribution in zircon: Combined BSE, CL, EBSD, FEG-EMPA and NanoSIMS study. <i>Chemical Geology</i> , <b>2017</b> , 450, 183-198	4.2	11
65	Interpretation of zircon coronae textures from metapelitic granulites of the Ivrea-Verbano Zone, northern Italy: two-stage decomposition of Fe <sup>III</sup> oxides. <i>Solid Earth</i> , <b>2017</b> , 8, 789-804	3.3	1
64	Petrography, geochemistry and geochronology of granite hosted rhyodacites associated with a disseminated pyrite mineralization (Arnolz, Southern Bohemian Massif, Austria). <i>Mineralogy and Petrology</i> , <b>2017</b> , 111, 219-236	1.6	
63	NanoSIMS study of seismically deformed zircon: Evidence of Y, Yb, Ce, and P redistribution and resetting of radiogenic Pb. <i>American Mineralogist</i> , <b>2017</b> , 102, 1311-1327	2.9	7
62	On the geometric relationship between deformation microstructures in zircon and the kinematic framework of the shear zone. <i>Lithos</i> , <b>2016</b> , 262, 192-212	2.9	8
61	Time constraints on deformation of the Ajjaj branch of one of the largest Proterozoic shear zones on Earth: The Najd Fault System. <i>Gondwana Research</i> , <b>2016</b> , 34, 346-362	5.1	22
60	Petrogenesis of subvolcanic rocks from the Khunik prospecting area, south of Birjand, Iran: Geochemical, SrNd isotopic and UPb zircon constraints. <i>Journal of Asian Earth Sciences</i> , <b>2016</b> , 115, 170-182	2.8	9
59	Age and origin of fluorapatite-rich dyke from Baranec Mt. (Tatra Mts., Western Carpathians): a key to understanding of the post-orogenic processes and element mobility. <i>Geologica Carpathica</i> , <b>2016</b> , 67, 417-432	1.4	1
58	The temporal evolution of the active margin along the Southeast Anatolian Orogenic Belt (SE Turkey): Evidence from UPb, ArAr and fission track chronology. <i>Gondwana Research</i> , <b>2016</b> , 33, 190-208	5.1	45
57	Episodic construction of the Tatra granitoid intrusion (Central Western Carpathians, Poland/Slovakia): consequences for the geodynamics of Variscan collision and Rheic Ocean closure. <i>International Journal of Earth Sciences</i> , <b>2016</b> , 105, 1153-1174	2.2	18
56	UPb ages and Hf isotopic composition of zircons in Austrian last glacial loess: constraints on heavy mineral sources and sediment transport pathways. <i>International Journal of Earth Sciences</i> , <b>2015</b> , 104, 1365-1385	2.2	18
55	Planar microstructures in zircon from paleo-seismic zones. <i>American Mineralogist</i> , <b>2015</b> , 100, 1834-1847	2.9	21

54	U/Pb zircon geochronology, Sr/Nd geochemistry, petrogenesis and tectonic setting of Mahoor granitoid rocks (Lut Block, Eastern Iran). <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 111, 192-205	2.8	19
53	Two possible source regions for central Greenland last glacial dust. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 10,399	4.9	28
52	Termination of the Southern Irumide Belt in Tanzania: Zircon U/Pb geochronology. <i>Precambrian Research</i> , <b>2014</b> , 255, 144-162	3.9	19
51	Finite lattice distortion patterns in plastically deformed zircon grains <b>2014</b> ,		2
50	Petrography and Geochemistry of Precambrian Basement Straddling the Cameroon-Chad Border: The Touboro Ba&#239;bokoum Area. <i>International Journal of Geosciences</i> , <b>2014</b> , 05, 418-431	0.4	6
49	Age and duration of intra-oceanic arc volcanism built on a suprasubduction zone type oceanic crust in southern Neotethys, SE Anatolia. <i>Geoscience Frontiers</i> , <b>2013</b> , 4, 399-408	6	30
48	Crustal age domains and metamorphic reworking of the deep crust in Northern-Central Tanzania: a U/Pb zircon and monazite age study. <i>Mineralogy and Petrology</i> , <b>2013</b> , 107, 679-707	1.6	20
47	Towards identifying the origin of metamorphic components in Austrian loess: insights from detrital rutile chemistry, thermometry and U/Pb geochronology. <i>Quaternary Science Reviews</i> , <b>2013</b> , 75, 132-142	3.9	26
46	Petrology, mineral chemistry and Sr/Nd/Pb isotopic compositions of granitoids in the central Menderes metamorphic core complex: Constraints on the evolution of Aegean lithosphere slab. <i>Lithos</i> , <b>2013</b> , 180-181, 74-91	2.9	20
45	Deformation history and U/Pb zircon geochronology of the high grade metamorphic rocks within the Klaeng fault zone, eastern Thailand. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 77, 224-233	2.8	12
44	U/Pb and <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology of the ophiolites and granitoids from the Tauride belt: Implications for the evolution of the Inner Tauride suture. <i>Journal of Geodynamics</i> , <b>2013</b> , 65, 22-37	2.2	72
43	U-Pb zircon age of the youngest magmatic activity in the High Tatra granites (Central Western Carpathians). <i>Geochronometria</i> , <b>2013</b> , 40, 134-144	1	17
42	Evidence of Eocene high-temperature/high-pressure metamorphism of ophiolitic rocks and granitoid intrusion related to Neotethyan subduction processes (Doğubazır area, SE Anatolia). <i>Geological Society Special Publication</i> , <b>2013</b> , 372, 249-272	1.7	17
41	U/Pb and Sm/Nd geochronology of the Kızılirmak (Hatay, Turkey) ophiolite: implications for the timing and duration of suprasubduction zone type oceanic crust formation in the southern Neotethys. <i>Geological Magazine</i> , <b>2013</b> , 150, 283-299	2	43
40	Geochronology and petrogenesis of granitoid rocks from the Goryczkowa Unit, Tatra Mountains (Central Western Carpathians). <i>Geologica Carpathica</i> , <b>2013</b> , 64, 419-435	1.4	11
39	Rb/Sr, Sm/Nd, and U/Pb geochronology of the rocks within the Khlong Marui shear zone, southern Thailand. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 56, 263-275	2.8	30
38	Li-bearing tourmalines in Variscan granitic pegmatites from the Moldanubian nappes, Lower Austria. <i>European Journal of Mineralogy</i> , <b>2012</b> , 24, 695-715	2.2	24
37	U/Pb and Sm/Nd geochronology of the ophiolites from the SE Turkey: implications for the Neotethyan evolution. <i>Geodinamica Acta</i> , <b>2012</b> , 25, 146-161	2	26

36	The P-T (Fluid) evolution of meta-anorthosites in the Eastern Granulites, Tanzania. <i>Journal of Metamorphic Geology</i> , <b>2011</b> , 29, 537-560	4.4	9
35	The Northern Giudicarie and the Meran-Mauls fault (Alps, Northern Italy) in the light of new paleomagnetic and geochronological data from boudinaged Eo-/Oligocene tonalites. <i>International Journal of Earth Sciences</i> , <b>2011</b> , 100, 1827-1850	2.2	34
34	The role of crustal fertility in the generation of large silicic magmatic systems triggered by intrusion of mantle magma in the deep crust. <i>Contributions To Mineralogy and Petrology</i> , <b>2011</b> , 162, 691-707	3.5	55
33	Magma hybridization in the Western Tatra Mts. granitoid intrusion (S-Poland, Western Carpathians). <i>Mineralogy and Petrology</i> , <b>2011</b> , 103, 19-36	1.6	24
32	Pre-Variscan evolution of the Western Tatra Mountains: new insights from U-Pb zircon dating. <i>Mineralogy and Petrology</i> , <b>2011</b> , 102, 99-115	1.6	11
31	Structural position of high-pressure felsic to intermediate granulites from NE Moldanubian domain (Bohemian Massif). <i>Journal of the Geological Society</i> , <b>2010</b> , 167, 329-345	2.7	27
30	Tectonometamorphic evolution of the Rhodope orogen. <i>Tectonics</i> , <b>2010</b> , 29, n/a-n/a	4.3	38
29	U-Pb geochronology of detrital zircons from a contact metamorphic Brixen Quartzphyllite (South-Tyrol, Italy): evidence for a complex pre-Variscan evolution of the Southalpine basement. <i>Swiss Journal of Geosciences</i> , <b>2010</b> , 103, 273-281	2.1	6
28	Timing and rate of granulite facies metamorphism and cooling from multi-mineral chronology on migmatitic gneisses, Sierras de La Huerta and Valle Fertil, NW Argentina. <i>Lithos</i> , <b>2010</b> , 114, 229-252	2.9	27
27	Accuracy of Laser Ablation U-Pb Zircon Dating: Results from a Test Using Five Different Reference Zircons. <i>Geostandards and Geoanalytical Research</i> , <b>2009</b> , 33, 5-15	3.6	95
26	I and S-type plutonism on Serifos (W-Cyclades, Greece). <i>Tectonophysics</i> , <b>2009</b> , 473, 69-83	3.1	58
25	Evolution of Large Silicic Magma Systems: New U-Pb Zircon Data on the NW Permian Athesian Volcanic Group (Southern Alps, Italy). <i>Journal of Geology</i> , <b>2008</b> , 116, 480-498	2	57
24	Optimization and application of ICPMS with dynamic reaction cell for precise determination of 44Ca/40Ca isotope ratios. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 7753-60	7.8	13
23	Fluid-controlled crustal metasomatism within a high-pressure subducted mélange (Mt. Hochwart, Eastern Italian Alps). <i>Lithos</i> , <b>2007</b> , 94, 148-167	2.9	29
22	On the provenance of mid-Cretaceous turbidites of the Pindos zone (Greece): implications from heavy mineral distribution, detrital zircon ages and chrome spinel chemistry. <i>Geological Magazine</i> , <b>2006</b> , 143, 329-342	2	13
21	Improved abundance sensitivity in MC-ICP-MS for determination of 236U/238U isotope ratios in the 10 <sup>7</sup> to 10 <sup>8</sup> range. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2006</b> , 21, 1427-1430	3.7	37
20	Non-destructive Determination of 87Sr/86Sr Isotope Ratios in Early Upper Paleolithic Human Teeth from the Mladeč Caves [Preliminary Results <b>2006</b> , 505-514		4
19	The Wadi Mubarak belt, Eastern Desert of Egypt: a Neoproterozoic conjugate shear system in the Arabian-Nubian Shield. <i>Precambrian Research</i> , <b>2005</b> , 136, 27-50	3.9	88

18	Understanding the pre-Variscan and Variscan basement components of the central Tauern Window, Eastern Alps (Austria): constraints from single zircon U-Pb geochronology. <i>International Journal of Earth Sciences</i> , <b>2005</b> , 94, 336-353	2.2	24
17	Zircon typology, geochronology and whole rock SrNd isotope systematics of the Mecsek Mountain granitoids in the Tisia Terrane (Hungary). <i>Mineralogy and Petrology</i> , <b>2004</b> , 81, 113-134	1.6	27
16	Petrography, geochemistry, and geochronology of granitoid rocks in the Neoproterozoic-Paleozoic LufilianZambezi belt, Zambia: Implications for tectonic setting and regional correlation. <i>Journal of African Earth Sciences</i> , <b>2004</b> , 40, 219-244	2.2	29
15	Zircon geochronology of the $\text{R\ddot{u}kk}$ quartz porphyryBalaton Highland, Transdanubian Central Range, Hungary. <i>Acta Geologica Hungarica</i> , <b>2004</b> , 47, 139-149		5
14	A late Neoproterozoic magmatic core complex in the Eastern Desert of Egypt: emplacement of granitoids in a wrench-tectonic setting. <i>Precambrian Research</i> , <b>2002</b> , 118, 59-82	3.9	95
13	U/Pb and Pb/Pb zircon ages from granitoid rocks of Wallagga area: constraints on magmatic and tectonic evolution of Precambrian rocks of western Ethiopia. <i>Mineralogy and Petrology</i> , <b>2001</b> , 71, 251-271	1.6	18
12	The early Palaeozoic magmatic event in the Northwest Himalaya, India: source, tectonic setting and age of emplacement. <i>Geological Magazine</i> , <b>2001</b> , 138, 237-251	2	157
11	Cadomian Lower-Crustal Contributions to Variscan Granite Petrogenesis (South Bohemian Pluton, Austria): Constraints from Zircon Typology and Geochronology, Whole-Rock, and Feldspar PbSr Isotope Systematics. <i>Journal of Petrology</i> , <b>2001</b> , 42, 1621-1642	3.9	29
10	Structural geology, single zircon ages and fluid inclusion studies of the Meatiq metamorphic core complex: Implications for Neoproterozoic tectonics in the Eastern Desert of Egypt. <i>Precambrian Research</i> , <b>2001</b> , 110, 357-383	3.9	170
9	Proterozoic crustal evolution in the NW Himalaya (India) as recorded by circa 1.80 Ga mafic and 1.84 Ga granitic magmatism. <i>Precambrian Research</i> , <b>2000</b> , 103, 191-206	3.9	123
8	Post-Collisional Potassic and Ultrapotassic Magmatism in SW Tibet: Geochemical and SrNdPbB Isotopic Constraints for Mantle Source Characteristics and Petrogenesis. <i>Journal of Petrology</i> , <b>1999</b> , 40, 1399-1424	3.9	519
7	Single Zircon Evaporation Thermal Ionisation Mass Spectrometry: Method and Procedures. <i>Analyst, The</i> , <b>1997</b> , 122, 1239-1248	5	29
6	New Pb-Pb Single Zircon Age Constraints on the Timing of Neoproterozoic Glaciation and Continental Break-up in Namibia. <i>Journal of Geology</i> , <b>1996</b> , 104, 459-469	2	149
5	Early Cambrian oceanic plagiogranite in the Silvretta Nappe, eastern Alps: geochemical, zircon U-Pb and Rb-Sr data from garnet-hornblende-plagioclase gneisses. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1996</b> , 85, 822-831		23
4	Age, origin and geodynamic significance of a polymetamorphic felsic intrusion in the Eiztal Crystalline Basement, Tirol, Austria. <i>Mineralogy and Petrology</i> , <b>1996</b> , 58, 171-196	1.6	16
3	Zircon U/Pb and Pb/Pb geochronology of the Rastenberg granodiorite, South Bohemian Massif, Austria. <i>Mineralogy and Petrology</i> , <b>1996</b> , 58, 197-214	1.6	33
2	U-Pb and Pb-Pb zircon dating of the older orthogneiss suite in the Silvretta nappe, eastern Alps: Cadomian magmatism in the upper Austro-Alpine realm. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1995</b> , 84, 457		1
1	Phyllonite Formation and Alteration of Gneisses in Shear Zones (Gleinalmkristallin, Eastern Alps/Austria). <i>Mineralogy and Petrology</i> , <b>1992</b> , 45, 195-216	1.6	5

