Axel MÃ¼ller

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3185500/publications.pdf

Version: 2024-02-01

54 papers	1,461 citations	331670 21 h-index	330143 37 g-index
54 all docs	54 docs citations	54 times ranked	886 citing authors

#	Article	IF	Citations
1	GREENPEG â€“ exploration for pegmatite minerals to feed the energy transition: first steps towards the Green Stone Age. Geological Society Special Publication, 2023, 526, 193-218.	1.3	12
2	Two-stage regional rare-element pegmatite formation at Tysfjord, Norway: implications for the timing of late Svecofennian and late Caledonian high-temperature events. International Journal of Earth Sciences, 2022, 111, 987-1007.	1.8	11
3	Titanite links rare-element (meta-)pegmatite mineralization to Caledonian metamorphism. Geochimica Et Cosmochimica Acta, 2022, 332, 285-306.	3.9	2
4	Lead Isotopes and the Sources of Granitic Magmas: The Sveconorwegian Granite and Pegmatite Province of Southern Norway. Minerals (Basel, Switzerland), 2022, 12, 878.	2.0	2
5	Continental weathering and recovery from ocean nutrient stress during the Early Triassic Biotic Crisis. Communications Earth & Environment, 2022, 3, .	6.8	4
6	Machine Learning Prediction of Quartz Formingâ€Environments. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021925.	3.4	36
7	Mineralogy and mineral chemistry of quartz: A review. Mineralogical Magazine, 2021, 85, 639-664.	1.4	47
8	Quartz chemistry of granitic pegmatites: Implications for classification, genesis and exploration. Chemical Geology, 2021, 584, 120507.	3.3	22
9	Rapid ore classification for real-time mineral processing optimisation at the Niederschlag multi-generation hydrothermal barite-fluorite vein deposit, Germany. Mineralium Deposita, 2021, 56, 417-424.	4.1	2
10	Unusual scandium enrichments of the TÃ¸rdal pegmatites, south Norway. Part I: Garnet as Sc exploration pathfinder. Ore Geology Reviews, 2020, 126, 103729.	2.7	10
11	The Serra Branca amazonite pegmatite of the VieirÃ³polis pegmatite field, ParaÃba, Brazil: A new and unusual megacrystic amazonite deposit. Canadian Mineralogist, 2020, 58, 679-702.	1.0	3
12	New age constraints on the formation of Sveconorwegian pegmatites. Canadian Mineralogist, 2019, 57, 787-790.	1.0	1
13	Mineralogical and gemological characterization of emerald crystals from ParanÃ¡ deposit, NE Brazil: a study of mineral chemistry, absorption and reflectance spectroscopy and thermal analysis. Brazilian Journal of Geology, 2019, 49, .	0.7	6
14	A Comparison of the Mica Geochemistry of the Pegmatite Fields in Southern Norway. Canadian Mineralogist, 2018, 56, 463-488.	1.0	21
15	Alkali-F-Rich Albite Zones in Evolved NYF Pegmatites: The Product of Meltâ€“melt Immiscibility. Canadian Mineralogist, 2018, 56, 657-687.	1.0	20
16	The Hydrothermal Breccia of Berglia-Glassberget, TrÃ¸ndelag, Norway: Snapshot of a Triassic Earthquake. Minerals (Basel, Switzerland), 2018, 8, 175.	2.0	3
17	Chemistry of quartz related to the Zinnwald/CÃnovec Sn-W-Li greisen-type deposit, Eastern Erzgebirge, Germany. Journal of Geochemical Exploration, 2018, 190, 357-373.	3.2	41
18	Hans Stille (1876â€“1966) about relationships between global tectonics and magmatism. Global Tectonics and Metallogeny, 2018, 10, 109-120.	0.9	1

#	Article	IF	Citations
19	The inheritance of a Mesozoic landscape in western Scandinavia. Nature Communications, 2017, 8, 14879.	12.8	30
20	Correspondence: Reply to â€˜Challenges with dating weathering products to unravel ancient landscapesâ€™. Nature Communications, 2017, 8, 1503.	12.8	3
21	The Sveconorwegian Pegmatite Province â€“ Thousands of Pegmatites Without Parental Granites. Canadian Mineralogist, 2017, 55, 283-315.	1.0	99
22	The Pâ€“Fe diagram for K-feldspars: A preliminary approach in the discrimination of pegmatites. Lithos, 2017, 272-273, 116-127.	1.4	13
23	Trace Element Compositions and Defect Structures of High-Purity Quartz from the Southern Ural Region, Russia. Minerals (Basel, Switzerland), 2017, 7, 189.	2.0	15
24	Composition of zircons from the Cornubian Batholith of SW England and comparison with zircons from other European Variscan rare-metal granites. Mineralogical Magazine, 2016, 80, 1273-1289.	1.4	10
25	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. Geologica Carpathica, 2016, 67, 417-432.	0.7	2
26	Trace element composition and cathodoluminescence of kyanite and its petrogenetic implications. Contributions To Mineralogy and Petrology, 2016, 171, 1.	3.1	11
27	Origin and geochemistry of agates in Permian volcanic rocks of the Sub-Erzgebirge basin, Saxony (Germany). Chemical Geology, 2016, 428, 77-91.	3.3	21
28	Crystallization and uplift path of late Variscan granites evidenced by quartz chemistry and fluid inclusions: Example from the Landâ€™s End granite, SW England. Lithos, 2016, 252-253, 57-75.	1.4	34
29	Origin and significance of the yellow cathodoluminescence (CL) of quartz. American Mineralogist, 2015, 100, 1469-1482.	1.9	26
30	The Chemistry of Quartz in Granitic Pegmatites of Southern Norway: Petrogenetic and Economic Implications. Economic Geology, 2015, 110, 1737-1757.	3.8	71
31	Late-magmatic immiscibility during batholith formation: assessment of B isotopes and trace elements in tourmaline from the Landâ€™s End granite, SW England. Contributions To Mineralogy and Petrology, 2015, 169, 1.	3.1	76
32	Vladimir Ivanovich Vernadsky (1863â€“1945) â€” From mineral to noosphere. Journal of Geochemical Exploration, 2014, 147, 4-10.	3.2	6
33	Titaniferous heavy mineral aggregates as a tool in exploration for pegmatitic and aplitic rare-metal deposits (SE Germany). Ore Geology Reviews, 2014, 57, 29-52.	2.7	18
34	Thematic issue: 150th anniversary of the birth of the Russian scientist Vladimir Ivanovich Vernadsky (1863â€“1945). Journal of Geochemical Exploration, 2014, 147, 1-3.	3.2	0
35	Perspectives for Li- and Ta-Mineralization in the Borborema Pegmatite Province, NE-Brazil: A review. Journal of South American Earth Sciences, 2014, 56, 110-127.	1.4	39
36	Viktor Moritz Goldschmidt (1888â€“1947) and Vladimir Ivanovich Vernadsky (1863â€“1945): The father and grandfather of geochemistry?. Journal of Geochemical Exploration, 2014, 147, 37-45.	3.2	5

#	Article	IF	Citations
37	Vladimir I. Vernadsky (1863â€“1945) and his â€˜descriptive mineralogyâ€™. Journal of Geochemical Exploration, 2014, 147, 11-15.	3.2	2
38	Petrogenesis of kyanite-quartz segregations in mica schists of the Western Tatra Mountains (Slovakia). Mineralogia, 2014, 45, 99-120.	0.8	5
39	The petrogenesis of granitoid rocks unusually rich in apatite in the Western Tatra Mts. (S-Poland,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	13
40	Behavior of trace elements in quartz from plutons of different geochemical signature: A case study from the Bohemian Massif, Czech Republic. Lithos, 2013, 175-176, 54-67.	1.4	55
41	Mineralogical and chemical composition of the Hagendorf-North Pegmatite, SE Germany â€“ a monographic study. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2013, 190, 281-318.	0.3	11
42	Petrological and Chemical Characterisation of High-Purity Quartz Deposits with Examples from Norway. Springer Geology, 2012, , 71-118.	0.3	33
43	Lattice-preferred orientations of late-Variscan granitoids derived from neutron diffraction data: implications for magma emplacement mechanisms. International Journal of Earth Sciences, 2011, 100, 1515-1532.	1.8	8
44	Trace elements and cathodoluminescence of quartz in stockwork veins of Mongolian porphyry-style deposits. Mineralium Deposita, 2010, 45, 707-727.	4.1	100
45	The evolution of late-Hercynian granites and rhyolites documented by quartz â€“ a review. , 2010, , .		3
46	The evolution of late-Hercynian granites and rhyolites documented by quartz â€“ a review. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2009, 100, 185-204.	0.3	45
47	Refinement of Phosphorus Determination in Quartz by LAâ€ICPâ€MS through Defining New Reference Material Values. Geostandards and Geoanalytical Research, 2008, 32, 361-376.	3.1	40
48	High-purity quartz mineralisation in kyanite quartzites, Norway. Mineralium Deposita, 2007, 42, 523-535.	4.1	49
49	Textural evidence of magma decompression, devolatilization and disequilibrium quenching: an example from the Western KruÅ¡nÃ© hory/Erzgebirge granite pluton. Contributions To Mineralogy and Petrology, 2007, 155, 93-109.	3.1	19
50	The magmatic evolution of the Land's End pluton, Cornwall, and associated pre-enrichment of metals. Ore Geology Reviews, 2006, 28, 329-367.	2.7	66
51	Water content of granitic melts from Cornwall and Erzgebirge: A Raman spectroscopy study of melt inclusions. European Journal of Mineralogy, 2006, 18, 429-440.	1.3	24
52	Textural and chemical evolution of a fractionated granitic system: the PodlesÃ-stock, Czech Republic. Lithos, 2005, 80, 323-345.	1.4	91
53	Quartz and feldspar zoning in the eastern Erzgebirge volcano-plutonic complex (Germany, Czech) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	102
54	Cathodoluminescence and micro-structural evidence for crystallisation and deformation processes of granites in the Eastern Lachlan Fold Belt (SE Australia). Contributions To Mineralogy and Petrology, 2002, 143, 510-524.	3.1	72