

Jochen Kolb

List of Publications by Year in descending order

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papers

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citations

394421

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docs citations

39
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793
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance of oscillatory and bell-shaped growth zoning in hydrothermal garnet: Evidence from the Navachab gold deposit, Namibia. <i>Chemical Geology</i> , 2009, 262, 262-276.	3.3	89
2	Development of fluid conduits in the auriferous shear zones of the Hutti Gold Mine, India: evidence for spatially and temporally heterogeneous fluid flow. <i>Tectonophysics</i> , 2004, 378, 65-84.	2.2	70
3	Relative timing of deformation and two-stage gold mineralization at the Hutti Mine, Dharwar Craton, India. <i>Mineralium Deposita</i> , 2005, 40, 156-174.	4.1	68
4	Hypozonal lode gold deposits: A genetic concept based on a review of the New Consort, Renco, Hutti, Hira Buddini, Navachab, Nevoria and The Granites deposits. <i>Precambrian Research</i> , 2015, 262, 20-44.	2.7	60
5	Chemical Composition of Rock-Forming Minerals in Copper?Gold-Bearing Tonalite Porphyries at the Batu Hijau Deposit, Sumbawa Island, Indonesia: Implications for Crystallization Conditions and Fluorine?Chlorine Fugacity. <i>Resource Geology</i> , 2007, 57, 102-113.	0.8	44
6	Structure of the Palaeoproterozoic Nagssugtoqidian Orogen, South-East Greenland: Model for the tectonic evolution. <i>Precambrian Research</i> , 2014, 255, 809-822.	2.7	44
7	Lithological, structural, and geochemical characteristics of the Mesoarchean T�rtoq greenstone belt, southern West Greenland, and the Chugach � Prince William accretionary complex, southern Alaska: evidence for uniformitarian plate-tectonic processes. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 1336-1371.	1.3	38
8	Metallogeny of South Greenland: A review of geological evolution, mineral occurrences and geochemical exploration data. <i>Ore Geology Reviews</i> , 2016, 77, 194-245.	2.7	34
9	Hydrologic segmentation of high-temperature shear zones: structural, geochemical and isotopic evidence from auriferous mylonites of the Renco mine, Zimbabwe. <i>Journal of Structural Geology</i> , 2000, 22, 811-829.	2.3	31
10	New ages from the Mauritanides Belt: recognition of Archean IOCG mineralization at Guelb Moghrein, Mauritania. <i>Terra Nova</i> , 2006, 18, 345-352.	2.1	31
11	Fluid inclusion record of the hypozonal orogenic Renco gold deposit (Zimbabwe) during the retrograde P�T evolution. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 495-509.	3.1	30
12	Gold mineralization in high-grade metamorphic shear zones of the Renco Mine, southern Zimbabwe. <i>Economic Geology</i> , 1998, 93, 587-601.	3.8	28
13	The role of fluids in partitioning brittle deformation and ductile creep in auriferous shear zones between 500 and 700��C. <i>Tectonophysics</i> , 2008, 446, 1-15.	2.2	28
14	Geodynamic setting and deformation history of an Archaean terrane at mid-crustal level: The Tasiusarsuaq terrane of southern West Greenland. <i>Precambrian Research</i> , 2012, 212-213, 34-56.	2.7	26
15	Mineral textural evolution and PT-path of relict eclogite-facies rocks in the Paleoproterozoic Nagssugtoqidian Orogen, South-East Greenland. <i>Lithos</i> , 2018, 296-299, 212-232.	1.4	24
16	Age and temperature-time evolution of retrogressed eclogite-facies rocks in the Paleoproterozoic Nagssugtoqidian Orogen, South-East Greenland: Constrained from U-Pb dating of zircon, monazite, titanite and rutile. <i>Precambrian Research</i> , 2018, 314, 468-486.	2.7	24
17	Field relationship of high-grade Neo- to Mesoarchaeal rocks of South-East Greenland: Tectonometamorphic and magmatic evolution. <i>Gondwana Research</i> , 2013, 23, 471-492.	6.0	23
18	Mineralogy, Litho-geochemistry and Elemental Mass Balance of the Hydrothermal Alteration Associated with the Gold�rich Batu Hijau Porphyry Copper Deposit, Sumbawa Island, Indonesia. <i>Resource Geology</i> , 2009, 59, 215-230.	0.8	21

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19	Gold occurrences of the Archean North Atlantic craton, southwestern Greenland: A comprehensive genetic model. <i>Ore Geology Reviews</i> , 2013, 54, 29-58.	2.7	21
20	Dominant coaxial deformation of veins during the interseismic stage of the fault-valve cycle: microfabrics of laminated quartz veins of the Hutti gold mine, India. <i>Journal of Structural Geology</i> , 2005, 27, 2043-2057.	2.3	19
21	Controls on hydrothermal Fe oxide-Cu-Au-Co mineralization at the Guelb Moghrein deposit, Akjoujt area, Mauritania. <i>Mineralium Deposita</i> , 2006, 41, 68-81.	4.1	19
22	Hydrothermal flake graphite mineralisation in Paleoproterozoic rocks of south-east Greenland. <i>Mineralium Deposita</i> , 2017, 52, 769-789.	4.1	18
23	Metallogeny of Greenland. <i>Ore Geology Reviews</i> , 2016, 78, 493-555.	2.7	17
24	A Palaeoproterozoic multi-stage hydrothermal alteration system at Nalunaq gold deposit, South Greenland. <i>Mineralium Deposita</i> , 2017, 52, 383-404.	4.1	13
25	Genesis of the Paleoproterozoic Ammassalik Intrusive Complex, south-east Greenland. <i>Precambrian Research</i> , 2018, 315, 19-44.	2.7	13
26	Polyphase deformation of mylonites from the Renco gold mine (Zimbabwe): identified by crystallographic preferred orientation of quartz. <i>Journal of Structural Geology</i> , 2003, 25, 253-262.	2.3	12
27	Exhumation rates in the Archean from pressure-time paths: Example from the Skjoldungen Orogen (SE) Tj ETQq1,1 0.784314 rgBT	2.7	12
28	Timing of Uralian orogenic gold mineralization at Kochkar in the evolution of the East Uralian granite-gneiss terrane. <i>Mineralium Deposita</i> , 2005, 40, 473-491.	4.1	11
29	Geological setting of the Guelb Moghrein Fe oxide-Cu-Au-Co mineralization, Akjoujt area, Mauritania. <i>Geological Society Special Publication</i> , 2008, 297, 53-75.	1.3	10
30	A Preliminary Study on Skarn-Related Calc-silicate Rocks Associated with the Batu Hijau Porphyry Copper-Gold Deposit, Sumbawa Island, Indonesia. <i>Resource Geology</i> , 2009, 59, 295-306.	0.8	10
31	Partial melting of the Archaean Thym Complex of southeastern Greenland. <i>Lithos</i> , 2013, 160-161, 164-182.	1.4	10
32	Structural control of low-sulfidation epithermal gold mineralization in the Rosario-Bunawan district, East Mindanao Ridge, Philippines. <i>Mineralium Deposita</i> , 2009, 44, 795-815.	4.1	9
33	Metallogeny of the North Atlantic Craton in Greenland. <i>Mineralogical Magazine</i> , 2015, 79, 815-855.	1.4	8
34	The Guelb Moghrein Cu-Au deposit: Neoproterozoic hydrothermal sulfide mineralization in carbonate-facies iron formation. <i>Ore Geology Reviews</i> , 2016, 78, 573-577.	2.7	8
35	On the processes that formed Archaean Ni-Cu sulfide mineralisation in the deep continental crust, Thym Complex, southeastern Greenland. <i>Precambrian Research</i> , 2016, 277, 68-86.	2.7	7
36	Archean and Proterozoic mineralization and tectonics at the Renco Mine (northern marginal zone,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	6

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37	Assessment of lithological, geochemical and structural controls on gold distribution in the Nalunaq gold deposit, South Greenland using three-dimensional implicit modelling. Geological Society Special Publication, 2018, 453, 385-405.	1.3	4
38	Tectonic setting, fluid inclusion and gold mineralization of the southwest Poli region (northern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.0	1
39	Balanced mineral reactions for alteration zones developed in auriferous shear zones of the Hutti Mine, Dharwar Craton, India. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2008, 159, 331-347.	0.4	0