

Artur Deditius

List of Publications by Year in descending order

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33
papers

2,849
citations

304743

22
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377865

34
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docs citations

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times ranked

1662
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemical and micro-textural fingerprints of boiling in pyrite. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 246, 60-85.	3.9	137
2	Super-sieving effect in phenol adsorption from aqueous solutions on nanoporous carbon beads. <i>Carbon</i> , 2018, 135, 12-20.	10.3	34
3	A genetic link between magnetite mineralization and diorite intrusion at the El Romeral iron oxide-apatite deposit, northern Chile. <i>Mineralium Deposita</i> , 2018, 53, 947-966.	4.1	26
4	New contributions to the understanding of Kiruna-type iron oxide-apatite deposits revealed by magnetite ore and gangue mineral geochemistry at the El Romeral deposit, Chile. <i>Ore Geology Reviews</i> , 2018, 93, 413-435.	2.7	43
5	Phenol Molecular Sheets Woven by Water Cavities in Hydrophobic Slit Nanospaces. <i>Langmuir</i> , 2018, 34, 15150-15159.	3.5	1
6	Nanoscale partitioning of Ru, Ir, and Pt in base-metal sulfides from the Caridad chromite deposit, Cuba. <i>American Mineralogist</i> , 2018, 103, 1208-1220.	1.9	14
7	Copper-arsenic decoupling in an active geothermal system: A link between pyrite and fluid composition. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 204, 179-204.	3.9	93
8	Dissecting the Re-Os molybdenite geochronometer. <i>Scientific Reports</i> , 2017, 7, 16054.	3.3	15
9	TRACE ELEMENT SIGNATURE OF PYRITE FROM THE LOS COLORADOS IRON OXIDE-APATITE (IOA) DEPOSIT, CHILE: A MISSING LINK BETWEEN ANDEAN IOA AND IRON OXIDE COPPER-GOLD SYSTEMS?. <i>Economic Geology</i> , 2016, 111, 743-761.	3.8	120
10	Constraints on the solid solubility of Hg, Tl, and Cd in arsenian pyrite. <i>American Mineralogist</i> , 2016, 101, 1451-1459.	1.9	46
11	Leaching of brannerite in the ferric sulphate system. Part 2: Mineralogical transformations during leaching. <i>Hydrometallurgy</i> , 2016, 159, 95-106.	4.3	9
12	Giant Kiruna-type deposits form by efficient flotation of magmatic magnetite suspensions. <i>Geology</i> , 2015, 43, 591-594.	4.4	177
13	Constraints on Hf and Zr mobility in high-sulfidation epithermal systems: formation of kosnarite, $KZr_2(PO_4)_3$, in the Chaquicocha gold deposit, Yanacocha district, Peru. <i>Mineralium Deposita</i> , 2015, 50, 429-436.	4.1	3
14	The role of bacterial sulfate reduction during dolomite precipitation: Implications from Upper Jurassic platform carbonates. <i>Chemical Geology</i> , 2015, 412, 1-14.	3.3	79
15	Arsenic-Environmental Geochemistry, Mineralogy, and Microbiology. <i>Reviews in Mineralogy and Geochemistry</i> , Volume 79 (R.J. Bowtell, C.N. Alpers, H.E. Jamieson, D.K. Nordstrom, and J. Majzlan, eds.). <i>Economic Geology</i> , 2015, 110, 1905-1907.	3.8	3
16	Trace elements in magnetite from massive iron oxide-apatite deposits indicate a combined formation by igneous and magmatic-hydrothermal processes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 15-38.	3.9	203
17	Role of vein-phases in nanoscale sequestration of U, Nb, Ti, and Pb during the alteration of pyrochlore. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 226-252.	3.9	14
18	The coupled geochemistry of Au and As in pyrite from hydrothermal ore deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 644-670.	3.9	400

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19	Pyrite as a record of hydrothermal fluid evolution in a porphyry copper system: A SIMS/EMPA trace element study. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 104, 42-62.	3.9	335
20	Formation of nanoscale Th-coffinite. <i>American Mineralogist</i> , 2012, 97, 681-693.	1.9	12
21	Trace metal nanoparticles in pyrite. <i>Ore Geology Reviews</i> , 2011, 42, 32-46.	2.7	327
22	Nanogeoscience in ore systems research: Principles, methods, and applications. <i>Ore Geology Reviews</i> , 2011, 42, 1-5.	2.7	28
23	Precipitation and alteration of coffinite (USiO ₄ nH ₂ O) in the presence of apatite. <i>European Journal of Mineralogy</i> , 2010, 22, 75-88.	1.3	10
24	“Invisible” silver and gold in supergene digenite (Cu _{1.8} S). <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6157-6173.	3.9	66
25	Crystal chemistry and radiation-induced amorphization of P-coffinite from the natural fission reactor at Bangombe, Gabon. <i>American Mineralogist</i> , 2009, 94, 827-837.	1.9	18
26	Nanoscale “liquid” inclusions of As-Fe-S in arsenian pyrite. <i>American Mineralogist</i> , 2009, 94, 391-394.	1.9	53
27	Iodine-rich waters involved in supergene enrichment of the Mantos de la Luna argentiferous copper deposit, Atacama Desert, Chile. <i>Mineralium Deposita</i> , 2009, 44, 719-722.	4.1	20
28	Synthesis and characterization of coffinite. <i>Journal of Nuclear Materials</i> , 2009, 393, 449-458.	2.7	46
29	Decoupled geochemical behavior of As and Cu in hydrothermal systems. <i>Geology</i> , 2009, 37, 707-710.	4.4	108
30	A proposed new type of arsenian pyrite: Composition, nanostructure and geological significance. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2919-2933.	3.9	278
31	The chemical stability of coffinite, USiO ₄ ·nH ₂ O; 0 < n < 2, associated with organic matter: A case study from Grants uranium region, New Mexico, USA. <i>Chemical Geology</i> , 2008, 251, 33-49.	3.3	64
32	Microbeam Analysis of Plasma Effects in Synthetic Mica-Like Compound. <i>Microscopy and Microanalysis</i> , 2008, 14, 1426-1427.	0.4	0
33	Fate of trace elements during alteration of uraninite in a hydrothermal vein-type U-deposit from Marshall Pass, Colorado, USA. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4954-4973.	3.9	30