

List of Publications by Rainer Abart

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Peer reviewed articles only

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Abart, R. & Sperb, R. (1997): Grain-scale stable isotope disequilibrium during fluid-rock interaction I: analytical solutions for advective-dispersive transport and coupled first-order kinetic mineral-fluid exchange. Am. Journal of Science, 297, 679-706.

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Gregurek, D., Abart, R., Hoinkes, G. (1997): Contrasting eoalpine P-T evolutions in the southern Koralpe crystalline complex, Eastern Alps. Mineralogy and Petrology, 60, 61-80.

Abart, R. (1998): Devolatilization in a siliceous dolomite, petrographic and stable isotope systematics. Proceedings of the 9th International Symposium on Water-Rock interaction, Ed.Greg.B.Arehart, John R.Hulsten, A.A.Balkema, Rotterdam, Brookfield, 405-408.

Knoll, P., Pressl, M., Abart, R., Kaindl, R. (1998): Quantitative analysis of high density fluid inclusions. Proc.of the 9th International Symposium on Water-Rock interaction, Ed.Greg.B.Arehart, John R.Hulsten, A.A.Balkema, Rotterdam, Brookfield, 843-846.

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Abart, R., Schmid, R., Harlov, D. (2001): Metasomatic coronas around hornblendite xenoliths in granulite facies marble, Ivrea Zone, N-Italy I: constraints on component mobility. Contributions to Mineralogy and Petrology, 141, 473-493.

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- Abart, R., Badertscher, N., Burkhard, M., Povoden, E. (2002): Oxygen, carbon, and strontium isotope systematics in two profiles across the Glarus Thrust: implications for fluid flow. Contrib.Min.Pet., 143, 192-208.
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