

LIST OF PUBLICATIONS

- 1 Dietrich, V., and **Oberhänsli, R.**, 1975. Die Pillowlaven des Vispertaes. *Schweizerische Mineralogische und Petrographische Mitteilungen* 55:79–87.
- 2 **Oberhänsli, R.**, and Dietrich, V., 1975. Geochemische Untersuchungen an Metabasalten der alpinen Ophiolite. *Schweizerische Mineralogische und Petrographische Mitteilungen* 55:574–576.
- 3 Dietrich, V., and **Oberhänsli, R.**, 1976. Der Gabbro der Jufer-Horen (Avers, GR). *Schweizerische Mineralogische und Petrographische Mitteilungen* 56:481–500.
- 4 “Ophiolites”, W.G.o.t.I.P., 1977. Initial report of the geological study of oceanic crust of the Philippine Sea floor. *Ofoliti* 2:137–168.
- 5 Dietrich, V., Nisbet, E., and **Oberhänsli, R.**, 1977. Chemismus meta-basaltischer Gesteine aus alpinen Ophiolithen. *Schweizerische Mineralogische und Petrographische Mitteilungen* 57:464–466.
- 6 **Oberhänsli, R.**, Dietrich, V., and Oberhänsli, H., 1977. Maringeologische Untersuchungen im Westpazifik. *Eclogae Geologicae Helvetiae* 70:417–434.
- 7 Dietrich, V., Emmermann, R., **Oberhänsli, R.**, and Puchelt, H., 1978. Geochemistry of basaltic and gabbroic rocks from the West Mariana Trench. *Earth and Planetary Science Letters* 39:127–144.
- 8 **Oberhänsli, R.**, 1978. Chemische Untersuchungen an Glaukophan führenden basischen Gesteinen aus den Bündnerschiefern Graubündens. *Schweizerische Mineralogische und Petrographische Mitteilungen* 58:139–156.
- 9 Dobretsov, N.L., Sharas'kin, A.Y., Lavrentjev, Y.G., Sobolev, A.V., Sobolev, N.V., Komatsu, M., Tazaki, K., Dietrich, V., and **Oberhänsli, R.**, 1980. Marianite-boninite series of volcanic rocks. In Peive, A.V. (ed.): *Geology of the Philippine Sea Floor*, Nauka Publishers (Moscow), p. 149–179.
- 10 Edenharter, A., Guenot, F., **Oberhänsli, R.**, and Stalder, H.A., 1980. Niob-Anatas aus dem Binntal/VS. *Schweizer Strahler* 5:261–267.
- 11 **Oberhänsli, R.**, 1980. P-T Bestimmungen anhand von Mineralparagenesen in Eklogiten und Glaukophaniten der Ophiolite von Zermatt. *Schweizerische Mineralogische und Petrographische Mitteilungen* 60:215–235.
- 12 Sharas'kin, A.Y., Zakariadze, G.S., Dmitriev, Y.I., Dobretsov, N.L., Levashov, G.B., Komatsu, M., Dietrich, V., and **Oberhänsli, R.**, 1980. Petrology of volcanic rocks. In Peive, A.V. (ed.): *Geology of the Philippine Sea Floor*, Nauka Publishers (Moscow), p. 106–148.
- 13 **Oberhänsli, R.**, 1981. Der Taraspit, eine hydrothermale Bildung im Serpentinitt des Unteren-gadins, GR. *Schweizer Strahler* 5:418–424.
- 14 —, 1981. Un ritrovimento di ammoniti all'alpe Bazena nel'Adamello meridionale. *Memorie degli Istituti di Geologia e Mineralogia dell'Università di Padova*, XXXIV:183–186.
- 15 Baumer, A., Klee, W., Lapraz, D., Mullis, J., and **Oberhänsli, R.**, 1982. Etudes cristallo-chimiques de l'apatite d'une fente alpine, La Fibbia, Massif du St. Gotthard. *Schweizerische Mineralogische und Petrographische Mitteilungen* 62:353–363.
- 16 Mange-Rajetzky, M., and **Oberhänsli, R.**, 1982. Detrital lawsonite and blue sodic amphibole in the molasse of Savoy, France and their significance in assessing Alpine evolution. *Schweizerische Mineralogische und Petrographische Mitteilungen* 62:415–436.
- 17 **Oberhänsli, R.**, 1982. The P-T history of some pillowlavas from Zermatt. *Ofoliti* 7:431–436.
- 18 **Oberhänsli, R.**, Hunziker, J.C., Martinotti, G., and Stern, W.F., 1982. Monte Mucrene: Ein eoalpin eklogitsierter permischer Granit. *Schweizerische Mineralogische und Petrographische Mitteilungen* 62:486–487.
- 19 **Oberhänsli, R.**, 1983. Ein Berg in besten Jahren. *Berge* 1:22.
- 20 Armbruster, T., Stalder, H.A., and **Oberhänsli, R.**, 1984: Antimon reicher Giessenit vom Zer-reilasee (Vals, Graubünden). *Schweizerische Mineralogische und Petrographische Mitteilungen*

64:21–26.

- 21 Drop, F., Von Gunten, H.R., Hottinger, L., Kelts, K., Nyffeler, F., **Oberhänsli, R.**, and Sturm, M., 1984. Die Lagerung hochradioaktiver Abfälle unter dem Meeresboden der Tiefsee: Bericht einer ad hoc Arbeitsgruppe des Bundesamtes für Energiewirtschaft.
- 22 Abs, I., Langer, K., and **Oberhänsli, R.**, 1985. Polarized absorption spectra of single crystals of the chromium bearing clinopyroxenes kosmochlore and Cr-aegirine augite. *Neues Jahrbuch für Mineralogie – Abhandlungen* 152:293–319.
- 23 **Oberhänsli, R.**, Hofmann, B., and Gruner, U., 1985. Ein Massivsulfidvorkommen in der Trias der Præalpen. *Schweizerische Mineralogische und Petrographische Mitteilungen* 65:95–110.
- 24 **Oberhänsli, R.**, Hunziker, J.C., Martinotti, G., and Stern, W., 1985. Geochemistry, geochronology and petrology of Monte Mucrone: an example of Eo-Alpine eclogitization of Permian granitoids in the Sesia-Lanzo Zone, Western Alps, Italy. *Chemical Geology* 52:165–184.
- 25 Stalder, H.A., Armbruster, T., Rieder, M., Rieder, J., and **Oberhänsli, R.**, 1985. Ein seltenes Sulfosalz vom Zervreilasee (Vals, Graubünden). *Schweizer Strahler* 7:69–77.
- 26 Mange-Rajetzky, M.A., and **Oberhänsli, R.**, 1986. Detrital pumpellyite in the peri-Alpine Molasse. *Journal of Sedimentary Research* 56(1):112–122.
- 27 **Oberhänsli, R.**, 1986. Blue amphiboles in metamorphosed Mesozoic mafic rocks from the Central Alps. *Geological Society of America Memoirs* 164:239–247.
- 28 —, 1986. Geochemistry of meta-lamprophyres from the Central Swiss Alps. *Schweizerische Mineralogische und Petrographische Mitteilungen* 66:315–342.
- 29 Dietrich, V., **Oberhänsli, R.**, and Mercolli, I., 1987. A new occurrence of boninite from the ophiolite melange in the Pindus-Sub-Pelagonian Zone s. l. (Aegina island, Saronic gulf, Greece). *Ophioliti* 12:83–90.
- 30 Funk, H., **Oberhänsli, R.**, Pfiffner, A., Schmid, S., and Wildi, W., 1987. The evolution of the northern margin of the Tethys in eastern Switzerland. *Episodes* 10:102–106.
- 31 **Oberhänsli, R.**, 1987. Mineralogy and Alpine metamorphism of meta-lamprophyres in the Central Swiss Alps. *Schweizerische Mineralogische und Petrographische Mitteilungen* 67:321–338.
- 32 **Oberhänsli, R.**, Riesen, D., Gnos, E., and Mercolli, I., 1987. Exkursionsbericht der SMPG Exkursion ins Brunnital. *Schweizerische Mineralogische und Petrographische Mitteilungen* 67:399–404.
- 33 Stille, P., and **Oberhänsli, R.**, 1987. Petrology and Alpine metamorphic evolution of the metabasic and -ultrabasic rocks in the Berisal crystalline complex. *Lithos* 20:169–180.
- 34 Armbruster, T., and **Oberhänsli, R.**, 1988. Crystal Chemistry of Double Ring Silicates: Structures of Sugilite and Brannockite. *American Mineralogist* 73:595–600.
- 35 —, 1988. Crystal Chemistry of Double Ring Silicates: Structural, Chemical and Optical Variation in Osumilites. *American Mineralogist* 73:585–594.
- 36 Dietrich, V., **Oberhänsli, R.**, and Mercolli, I., 1988. Dazite, High-Alumina-Basalte und Andesite als Produkte amphiboldomierter Differentiation (Aegina und Methana, Ägäischer Inselbogen). *Schweizerische Mineralogische und Petrographische Mitteilungen* 68:21–39.
- 37 Mercolli, I., and **Oberhänsli, R.**, 1988. Variscan tectonic evolution in the Central Alps: a working hypothesis. *Schweizerische Mineralogische und Petrographische Mitteilungen* 68:491–500.
- 38 **Oberhänsli, R.**, Mercolli, I., and Schenker, F., 1988. Indications of Variscan nappe tectonics in the Aar Massif. *Schweizerische Mineralogische und Petrographische Mitteilungen* 68:509–520.
- 39 Armbruster, T., Bermanec, V., Wenger, M., and **Oberhänsli, R.**, 1989. Crystal chemistry of double ring silicates: Structure of natural and dehydrated milarite at 100 K. *European Journal of Mineralogy* 1:353–362.
- 40 Stille, P., **Oberhänsli, R.**, and Schenk-Wenger, K., 1989. Hf-Nd isotopic and trace element constraints on the genesis of alkaline and calc-alkaline lamprophyres. *Earth and Planetary Science Letters* 96:209–219.

- 41 **Oberhänsli, R.**, 1990. Metagranitoids and other acid - intermediate rock compositions. In Carswell, D.A. (ed.): *Eclogite Facies Rocks*, Blackie (Glasgow and London), chapter 2.5, p. 42–46.
- 42 Raumer, J.v., Galetti, G., Pfeifer, H.R., and **Oberhänsli, R.**, 1990. Amphibolites from Lac d’Emosson/Aiguilles Rouges, Switzerland: Tholeiite basalts at a Paleozoic transition zone between continental and oceanic crust. *Schweizerische Mineralogische und Petrographische Mitteilungen* 70:419–435.
- 43 Dietrich, V., Gaitanakis, P., Mercolli, I., and **Oberhänsli, R.**, 1991. Geological Map of Greece Aegina Island 1:25000 (with explanations). Stiftung Vulkaninstitut Immanuel Freidländer, IMP-ETHZ.
- 44 Oberhänsli, H., Müller-Merz, E., and **Oberhänsli, R.**, 1991. Eocene paleoceanographic evolution at 20–30°S in the Atlantic Ocean. *Paleogeography, Paleoclimatology, Paleoecology* 83:173–215.
- 45 **Oberhänsli, R.**, Krähenbühl, U., and Stille, P., 1991. Contrasting REE characteristics in meta-lamprophyres from Variscan massifs of the Central Swiss Alps and REE patterns in lamprophyres from Variscan terranes of Western Europe. *Schweizerische Mineralogische und Petrographische Mitteilungen* 71:55–64.
- 46 Pfeifer, H.R., Colombi, A., Ganguin, J., Hunziker, J., **Oberhänsli, R.**, and Santini, L., 1991. Relics of high pressure metamorphism in different lithologies of the Central Alps, an updated inventory. *Schweizerische Mineralogische und Petrographische Mitteilungen* 71:441–452.
- 47 Wenzel, T., Mercolli, I., and **Oberhänsli, R.**, 1991. The plutonic rocks of the Meißer Massif (Germany): evidence of open and closed system fractionation processes. *Schweizerische Mineralogische und Petrographische Mitteilungen* 71(3):371–390.
- 48 Altenberger, U., **Oberhänsli, R.**, Adusumali, C., and Rasool, M., 1992. The corundum bearing rocks around Seeheim in the Odenwald complex, Mid-German crystalline rise. *Zentralblatt für Geologie und Paläontologie Teil I* 7–8:895–908.
- 49 Armbruster, T., **Oberhänsli, R.**, and Bermanec, V., 1992. Crystal structure of $\text{SrMn}_2[\text{Si}_2\text{O}_7](\text{OH})_2\text{H}_2\text{O}$, a new mineral of the lawsonite type. *European Journal of Mineralogy* 4:17–22.
- 50 Bonin, B., Brändlein, P., Bussy, F., Desmons, J., Eggenberger, U., Finger, F., Graf, K., Marro, C., Mercolli, I., **Oberhänsli, R.**, Ploquin, A., Von Quadt, A., Von Raumer, J., Schaltegger, U., Steyrer, H., Vinosa, D., and Vivier, G., 1992. Late Variscan magmatic evolution of the Alpine basement. In: Von Raumer, J., and Neubauer, F. (eds.), *Pre-Mesozoic Geology of the Alps*, Springer (Berlin), p. 171–203.
- 51 Goffé, B., and **Oberhänsli, R.**, 1992. Ferro-magnesiocarpholite in the “Bündnerschiefer” of the eastern Central Alps (Grisons and Engadine window). *European Journal of Mineralogy* 4:835–838.
- 52 Armbruster, T., **Oberhänsli, R.**, Bermanec, V., and Dixon, R., 1993. Hennomartinite and kornite, two new Mn^{3+} rich silicates from the Wessel Mine, Kalahari, South Africa. *Schweizerische Mineralogische und Petrographische Mitteilungen* 73:349–355.
- 53 Armbruster, T., **Oberhänsli, R.**, and Kunz, M., 1993. Taikanite, $\text{BaSr}_2\text{Mn}_2^{3+}\text{O}_2[\text{Si}_4\text{O}_{12}]$, from the Wessel mine, South Africa: A chain silicate related to synthetic $\text{Ca}_3\text{Mn}_2^{3+}\text{O}_2[\text{Si}_4\text{O}_{12}]$. *American Mineralogist* 78:1088–1095.
- 54 Bermanec, V., Balen, D., **Oberhänsli, R.**, and Scavnicar, S., 1993. Hedyphane from Nezilovo, Macedonia. *Geologia Croatica* 46:229–232.
- 55 Lottermoser, B.G., **Oberhänsli, R.**, Zolitschka, B., Negendank, J., Schütz, U., and Boenecke, J., 1993. Environmental geology and geochemistry of lake sediments (Holzmaar, Eifel, Germany). In: Negendank, J., and Zolitschka, B. (eds.): *Paleolimnology of European Maar Lakes (Lecture Notes in Earth Sciences No. 49)*, Springer (Berlin), p. 305–316.
- 56 Teklay, M., Kröner, A., and **Oberhänsli, R.**, 1993. Reconnaissance Pb-Pb zircon ages from Precambrian rocks in eastern and southern Ethiopia and an attempt to define crustal provinces. In: Torweihe, U., and Schandelmeier, H. (eds.): *Geoscientific Research in Northeast Africa*, Balkema (Rotterdam), p. 133–138.
- 57 Wendt, A., D’Arco, P., Goffé, B., and **Oberhänsli, R.**, 1993. Radial cracks around a quartz

- inclusions in almandine - Constraints on the metamorphic history of the Oman mountains. *Earth and Planetary Science Letters* 114:449–461.
- 58 Bermanec, V., Armbruster, T., **Oberhänsli, R.**, and Zebec, V., 1994. Crystal chemistry of Pb and REE-rich peimonte from Nezilovo, Macedonia. *Schweizerische Mineralogische und Petrographische Mitteilungen* 74:321–328.
- 59 Candan, O., Dora, O., Dürr, S., and **Oberhänsli, R.**, 1994., Erster Nachweis von Granulit und Eklogit-Relikten im Menderes Massiv/Türkei. *Göttinger Arbeiten zur Geologie und Palaeontologie, Sonderband* 1:217–220. 5. Symposium Tektonik - Strukturgeologie - Kristallgeologie, Göttingen, 7.-9. April.
- 60 Höfer, H.E., Brey, G.E., Schulz-Dobrick, B., and **Oberhänsli, R.**, 1994. The determination of the oxidation state of iron by the electron microprobe. *European Journal of Mineralogy* 6:407–418.
- 61 Michard, A., Goffé, B., Saddiqi, O., **Oberhänsli, R.**, and Wendt, A., 1994. Late Cretaceous exhumation of Oman blueschists and eclogites: a two-stage extensional mechanism. *Terra Nova* 6:404–413.
- 62 **Oberhänsli, R.**, 1994. Subducted and obducted ophiolites of the Central Alps: Paleotectonic implications deduced by their distribution and metamorphic overprint. *Lithos* 33:109–118.
- 63 Koziol, M., and **Oberhänsli, R.**, 1995. Die südliche Eklogitzone im Ötztal. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft* 140:95–117.
- 64 **Oberhänsli, R.**, Goffé, B., and Bousquet, R., 1995. Record of a HP-LT metamorphic evolution in the Valais zone: Geodynamic implications. *Bolletino del Museo Regionale delle Scienze naturali Torino* 13:221–240.
- 65 Saddiqi, O., Poupeau, G., Michard, A., Goffé, B., and **Oberhänsli, R.**, 1995. Exhumation des roches métamorphiques HP-BT d'Oman: datation par traces de fission sur zircons. *Comptes rendus de l'Académie des sciences, série II, mécanique, physique, chimie, astronomie* 320:1071–1077.
- 66 Rettinger, R., Schorscher, H.D., and **Oberhänsli, R.**, 1996. Geothermobarometric correlation of geothermobarometers and petrogenetic modelling in NE-Quadrilátero Ferrífero, Minas Gerais, Brazil. *Zentralblatt für Geologie und Paläontologie Teil I* 7–8:613–625.
- 67 Wolff-Boenisch, D., Track, T., Schenk, D., and **Oberhänsli, R.**, 1996. Sorptionsverhalten von 2,4,6-Trinitrotoluol und 1,3-Dinitrobenzol an unterschiedlichen Bodenmodellsubstanzen. *Grundwasser* 2:63–66.
- 68 Candan, O., Dora, O.Ö., **Oberhänsli, R.**, Oelsner, F., and Dürr, S., 1997. Blueschist relics in the Mesozoic cover series of the Menderes Massif and correlations with Samos Island, Cyclades. *Schweizerische Mineralogische und Petrographische Mitteilungen* 77:95–100.
- 69 Lottermoser, B.G., Schütz, U., Boenecke, J., **Oberhänsli, R.**, Zolitschka, B., and Negendank, J.F.W., 1997. Natural and anthropogenic influences on the geochemistry of Quaternary lake sediments from Holzmaar, Germany. *Environmental Geology* 31:236–247.
- 70 **Oberhänsli, R.**, Candan, O., Dora, O., and Dürr, S., 1997. Eclogites within the Menderes Massif/western Turkey. *Lithos* 41:135–150.
- 71 Wenzel, T., Mertz, D., **Oberhänsli, R.**, Becker, T., and Renne, P., 1997. Age, geodynamic setting, and mantle enrichment processes of a K-rich intrusion from the Meißner massif (northern Bohemian massif) and implications for related occurrences from the mid-European Hercynian. *Geologische Rundschau* 86:556–570.
- 72 Armbruster, T., Bermanec, V., Zebec, V., and **Oberhänsli, R.**, 1998. Titanium and iron poor zirconohögbomite-16H, $Zn_{14}(Al,Fe^{3+},Ti,Mg)_8Al_{24}O_{62}(OH)_2$, from Nezilovo, Macedonia: occurrence and crystal structure of a new polysome. *Schweizerische Mineralogische und Petrographische Mitteilungen* 78:469–477.
- 73 Bianchi, W.G., Martinotti, G., and **Oberhänsli, R.**, 1998. Metasedimentary cover sequences and associated metabasites in the Sabbione Lake zone, Formazza Valley, Italy. *Schweizerische Mineralogische und Petrographische Mitteilungen* 78:133–146.
- 74 Bousquet, R., **Oberhänsli, R.**, Goffé, B., Jolivet, L., and Vidal, O., 1998. High pressure-low

- temperature metamorphism and deformation in the “Bündnerschiefer” of the Engadine window: Implications for the regional evolution of the eastern Central Alps. *Journal of Metamorphic Geology* 16:653–674.
- 75 Jolivet, L., Goffé, B., Bousquet, R., **Oberhänsli, R.**, and Michard, A., 1998. Detachments in high-pressure mountain belts, Tethyan examples. *Earth and Planetary Science Letters* 160(1–2):31–47.
- 76 **Oberhänsli, R.**, P., M., Candan, O., Warkus, F., Partzsch, J., and Dora, O., 1998. The age of blueschist metamorphism in the Mesozoic cover series of the Menderes massif. *Schweizerische Mineralogische und Petrographische Mitteilungen* 78:309–316.
- 77 Poupeau, G., Saddiqi, O., Michard, A., Goffé, B., and **Oberhänsli, R.**, 1998. Late thermal evolution of the Oman mountains subophiolitic windows: apatite fission-track thermochronology. *Geology* 26:1139–1142.
- 78 Zakariadze, G.S., Karpenko, S.F., Bazylev, B.A., Adamia, S.A., **Oberhänsli, R.E.**, Solov’eva, N.V., and Ljialikov, A.V., 1998. Petrology, Geochemistry, and Sm-Nd age of the Pre-Hercynian Paleooceanic Complex of the Dzirula Salient, Transcaucasian massif. *Petrology* 6(4):388–408.
- 79 Bazylev, B.A., Zakariadze, G.S., Zhelyazkova-Panayotova, M.D., Kolcheva, K., **Oberhänsli, R.E.**, and Solov’eva, N.V., 1999. Petrology of ultramafic rocks from the ophiolite association in the crystalline basement of the Rhodope massif. *Petrology* 7:192–211.
- 80 **Oberhänsli, R.**, Wendt, A.S., Goffé, B., and Michard, A., 1999. Detrital chromites in metasediments of the East-Arabian continental margin in the Saih Hatat area: constraints for the palaeogeographic setting of the Hawasina and Semail basins (Oman Mountains). *Geologische Rundschau* 88:13–25.
- 81 Schmid, R., Franz, L., **Oberhänsli, R.**, and Dong, S., 2000. High-Si phengite, mineral chemistry and P-T evolution of ultra-high-pressure eclogites and calc-silicates from the Dabie Shan, eastern China. *Geological Journal* 35:185–207.
- 82 Wenzel, T., **Oberhänsli, R.**, and Mezger, K., 2000. K-rich plutonic rocks and lamprophyres from the Meißner Massif (Northern Bohemian Massif): Geochemical evidence for variably enriched lithospheric mantle sources. *Neues Jahrbuch für Mineralogie – Abhandlungen* 175:249–293.
- 83 Altenberger, U., **Oberhänsli, R.**, Stein, E., and Moghni, M., 2001. Geochemistry, tectonic setting and geodynamic significance of late orogenic dikes in the Melibocus Massif, Bergsträsser Odenwald. *Mineralogy and Petrology* 72:209–228.
- 84 Bozkurt, E., and **Oberhänsli, R.**, 2001. Menderes Massif (Western Turkey): structural, metamorphic and magmatic evolution - a synthesis. *International Journal of Earth Sciences* 89:679–708.
- 85 Candan, O., Dora, O., **Oberhänsli, R.**, Çetinkaplan, M., Partzsch, J., Warkus, F., and Dürr, S., 2001. Pan-African high-pressure metamorphism in the Precambrian basement of the Menderes massif, Western Anatolia, Turkey. *International Journal of Earth Sciences* 89:793–807.
- 86 Franz, L., Romer, R., Klemd, R., Schmid, R., **Oberhänsli, R.**, Wagner, T., and Dong, S., 2001. Eclogite-facies quartz veins within metabasites of the Dabie Shan (eastern China): pressure-temperature-time deformation path, composition of the fluid phase and fluid flow during exhumation of high-pressure rocks. *Contributions to Mineralogy and Petrology* 141:332–346.
- 87 Mullis, J., Klappenbach, K., and **Oberhänsli, R.**, 2001. Kronleuchter aus Bergkristall. *Schweizer Strahler* 1:4–8.
- 88 **Oberhänsli, R.**, Partzsch, J., Candan, O., and Çetinkaplan, M., 2001. First occurrence of Fe-Mg-carpholite documenting a high pressure metamorphism in the metasediments of the Lycian nappes, SW Turkey. *International Journal of Earth Sciences* 89:867–873.
- 89 Schmid, R., Ryberg, T., Ratschbacher, L., Schulze, A., Franz, L., **Oberhänsli, R.**, and Dong, S., 2001. Crustal structure of eastern Dabie Shan interpreted from deep reflection and shallow tomographic data. *Tectonophysics* 333:347–359.
- 90 Bousquet, R., Goffé, B., Vidal, O., **Oberhänsli, R.**, and Patriat, M., 2002. The tectono-metamorphic history of the Valaisan domain from the Western to the Central Alps: New constraints on the evolution of the Alps. *Geological Society of America Bulletin* 114:201–225.

- 91 Dong, S., **Oberhänsli, R.**, Schmid, R., Liu, X., Tang, J., and Xue, H., 2002. Occurrence of metastable rocks in deeply subducted continental crust from the Dabie Mountains, central China. *Episodes* 25:84–89.
- 92 Liermann, H.P., Isachsen, C., Altenberger, U., and **Oberhänsli, R.**, 2002. Behavior of zircon during high-pressure, low-temperature metamorphism: Case study from the internal unit of the Sesia Zone (Western Alps). *European Journal of Mineralogy* 14:61–71.
- 93 **Oberhänsli, R.**, Martinotti, G., Schmid, R., and Liu, X., 2002. Preservation of primary volcanic textures in the UHP terrain of Dabie Shan. *Geology* 30:699–702.
- 94 Sano, S., **Oberhänsli, R.**, Romer, R., and Vinx, R., 2002. Petrologic, Geochemical and Isotopic constraints on the Origin of the Harzburg Intrusion, Germany. *Journal of Petrology* 43:1529–1549.
- 95 Altenberger, U., **Oberhänsli, R.**, Putlitz, B., and Wemmer, K., 2003. Tectonic controls of the Cenozoic magmatism at the Torres del Paine, Southern Andes (Chile, 51°10'S). *Revista Geologica de Chile* 30:68–81.
- 96 **Oberhänsli, R.**, Bousquet, R., and Goffé, B., 2003. Comment to "chloritoid composition and formation in the eastern Central Alps: a comparison between Penninic and Helvetic occurrences" by M. Rahn, M. Steinmann and M. Frey. *Schweizerische Mineralogische und Petrographische Mitteilungen* 83:341–344.
- 97 Rimmelé, G., Jolivet, L., **Oberhänsli, R.**, and Goffé, B., 2003. Deformation history of the high-pressure Lycian Nappes and implications for tectonic evolution of SW Turkey. *Tectonics* 22(2):1007(1-21), doi:10.1029/2001TC901041.
- 98 Rimmelé, G., **Oberhänsli, R.**, Goffé, B., Jolivet, L., Candan, O., and Çetinkaplan, M., 2003. First evidence of high-pressure metamorphism in the "cover series" of the southern Menderes Massif. Tectonic and metamorphic implications for the evolution of SW Turkey. *Lithos* 71:19–46.
- 99 Romer, R.L., Wawrzenitz, N., and **Oberhänsli, R.**, 2003. Anomalous unradiogenic $^{87}\text{Sr}/^{86}\text{Sr}$ ratios in ultrahigh-pressure crustal carbonates - evidence for fluid infiltration during deep subduction? *Terra Nova* 15:330–336.
- 100 Schmid, R., Romer, R.L., Franz, L., **Oberhänsli, R.**, and Martinotti, G., 2003. Basement- Cover Sequences within the UHP unit of the Dabie Shan. *Journal of metamorphic Geology* 21:531–538.
- 101 Schmid, R., Wilke, M., **Oberhänsli, R.**, Janssens, K., Falkenberg, G., Franz, L., and Gaab, A., 2003. Micro-Xanes determination of ferric iron and its application in thermobarometry. *Lithos* 70:381–392.
- 102 Bousquet, R., Bertle, R., Goffé, B., Höck, V., Koller, F., and **Oberhänsli, R.**, 2004. The Engadine window at the border of the Eastern and Western Alps. - Excursion guide B29: 32nd International Geological Congress, Florence, p. 17–19.
- 103 Bousquet, R., Bertle, R., Goffé, B., Koller, F., and **Oberhänsli, R.**, 2004. HP/LT metamorphism within the North Penninic ocean (Lower Engadine Window; Austria - Switzerland). - Excursion guide B29: 32nd International Geological Congress, Florence, p. 22–27.
- 104 Bousquet, R., Engi, M., Gosso, G., **Oberhänsli, R.**, Berger, A., Spalla, I., Zucali, M., and Goffé, B., 2004. Explanatory notes to the map: Metamorphic structure of the Alps; Transition from the Western to the Central Alps. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft* 149:145–156.
- 105 Bucher, K., Dal Piaz, G., **Oberhänsli, R.**, Gouffon, Y., Martinotti, G. and Polino, R., 2004. Erläuterungen zum Blatt 1347 Matterhorn: Geologischer Atlas der Schweiz 1:25000, v. Erläut 107.
- 106 —, 2004. Blatt 1347 Matterhorn: Geol Atlas Schweiz 1:25000, v. Karte 107.
- 107 Gosso, G., Engi, M., Koller, F., Lardeaux, J.M., **Oberhänsli, R.**, and Spalla, J., 2004. Thermo-mechanical evolution of the Alpine belt, from the Engadine window to the Matterhorn. - Excursion guide B29: 32nd International Geological Congress, Florence, 52 p.
- 108 DESERT Group, Weber, M., Abu-Ayyash, K., Abueladas, A., Agnon, A., Al-Amoush, H., Babeyko, A., Bartov, Y., Baumann, M., Ben-Avraham, Z., Bock, G., Bribach, J., El-Kelani, R., Förster, A., Förster, H.-J., Frieslander, U., Garfunkel, Z., Grunewald, S., Götze, H.J., Haak, V., Haberland,

- C., Hassouneh, M., Helwig, S., Hofstetter, A., Jäckel, K.-H., Kesten, D., Kind, R., Maearcklin, N., Mechie, J., Mohsen, A., Neubauer, F.M., **Oberhänsli, R.**, Qabbani, I., Ritter, O., Rümpker, G., Rybakov, M., Ryberg, T., Scherbaum, F., Schmidt, J., Schulze, A., Sobolev, S., Stiller, M., Thoss, H., Weckmann, U., and Wylegalla, K., 2004. The crustal structure of the Dead Sea Transform. *Geophysical Journal International* 156(3):655–681.
- 109 Handy, M., and **Oberhänsli, R.**, 2004. Explanatory notes to the map: Metamorphic structure of the Alps; Age map of the metamorphic structure of the Alps - Tectonic interpretation and outstanding problems. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft* 149:201–226.
- 110 Jolivet, L., Rimmelé, G., **Oberhänsli, R.**, Goffé, B., and Candan, O., 2004. Correlation of syn-orogenic tectonic and metamorphic events in the Cyclades, The Lycian nappes and the Menderes massif. Geodynamic implications. *Bulletin de la Société Géologique de France* 175:217–238.
- 111 **Oberhänsli, R.** (ed.), 2004. Explanatory notes to the map: Metamorphic structure of the Alps. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft* 149:115–226.
- 112 **Oberhänsli, R.**, Bousquet, R., Engi, M., Goffé, B., Gosso, G., Handy, M., Koller, F., Lardeaux, J.-M., Polino, R., Rossi, P., Schuster, R., Schwartz, S., Spalla, I.E., of, w.c., Agard, P., Babist, J., Berger, A., Bertle, R., Bucher, S., Burri, T., Heitzmann, P., Hoinkes, G., Jolivet, L., Keller, L., Linner, M., Lombardo, B., Martinotti, G., Michard, A., Pestal, G., Proyer, A., Rantisch, G., Rosenberg, C., Schramm, J., Soelva, H., Thoeni, M., and Zucali, M., 2004. Metamorphic structure of the Alps 1:1 000 000. Paris, CGMW.
- 113 **Oberhänsli, R.**, and Goffé, B., 2004. Explanatory notes to the map: Metamorphic structure of the Alps; Introduction. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft* 149:115–123.
- 114 Rötzler, J., Romer, R., Budzinski, J., and **Oberhänsli, R.**, 2004. Ultrahigh-temperature high-pressure granulites from Tierschheim, Saxon Granulite Massif, Germany: P-T-t-path and geotectonic implications. *European Journal of Mineralogy* 16(6):917–937.
- 115 Candan, O., Çetinkaplan, M., **Oberhänsli, R.**, Rimmelé, G. and Akal, C., 2005. Alpine high-P/low-T metamorphism of the Afyon Zone and implications for the metamorphic evolution of Western Anatolia. *Lithos* 84:102–124.
- 116 Rimmelé, G., Parra, T., Goffé, B., **Oberhänsli, R.**, Jolivet, L., and Candan, O., 2005. Exhumation Paths of High-Pressure-Low-Temperature Metamorphic Rocks from the Lycian Nappes and the Menderes Massif (SW Turkey): a Multi-Equilibrium Approach. *Journal of Petrology* 46:641–669.
- 117 Rimmelé, G., **Oberhänsli, R.**, Candan, O., Goffé, B., and Jolivet, L., 2006. The wide distribution of HP-LT rocks in the Lycian Belt (Western Turkey): implications for accretionary wedge geometry. In: Robertson, A.H.F., and Mountrakis, D. (eds.): *Tectonic Development of the Eastern Mediterranean Region*. Geological Society, London, Special Publications 260:447–466.
- 118 Saddiqi, O., Michard, A., Goffé, B., Poupeau, G., and **Oberhänsli, R.**, 2006. Fission track thermochronology of the Oman Mountains continental windows, and current problems of tectonic interpretation. *Bulletin de la Société Géologique de France* 177:127–143.
- 119 Wawrzenitz, N., Romer, R., **Oberhänsli, R.**, and Dong, S., 2006. Dating of subduction and differential exhumation of UHP rocks from the Central Dabie Complex (E-China): Constraints from microfabrics, Rb-Sr and U-Pb isotope systems. *Lithos* 89(1–2):174–201.
- 120 Hadjzobir, S., Laouar, R., and **Oberhänsli, R.**, 2007. The mettabasites of Sidi Mohamed (Edough, NE Algeria): Petrographical, mineralogical and geochemical characteristics. *Bulletin du Service Géologique National* 18:25–41.
- 121 Halialioghli, R., Moazzen, M., Droop, G., **Oberhänsli, R.**, Bousquet, R., and Ziemann, M., 2007. Serpentine polymorphs and P-T evolution of meta-peridotites and serpentinites in the Takab area, NW Iran. *Mineralogical Magazine* 71:155–174.
- 122 **Oberhänsli, R.**, Bousquet, R., Moinzadeh, H., Moazzen, M., and Arvin, M., 2007. The field of stability of blue jadeites: a case study from a new occurrence at Sorkhan, Iran. *Canadian Mineralogist* 45(6):1501–1509.
- 123 Zakariadze, G.S., Dilek, Y., Adamia, S.A., **Oberhänsli, R.E.**, Karpenko, S.F., Bazylev, B.A.,

- and Solov'eva, N., 2007. Geochemistry and geochronology of the Neoproterozoic Pan-African Transcaucasian Massif (Republic of Georgia) and implications for island arc evolution of the late Precambrian Arabian–Nubian Shield. *Gondwana Research* 11:92–108.
- 124 Altenberger, U., Schmid, R., and **Oberhänsli, R.**, 2008. Composition and pre-metamorphic geodynamic setting of ultrahigh-pressure metabasic rocks from Dabie Shan, E-China. *International Journal of Earth Sciences* 97(6):1301–1314.
- 125 Bousquet, R., **Oberhänsli, R.**, Goffé, B., Wiederkehr, M., Koller, F., Schmid, S.M., Schuster, R., Engi, M., Berger, A., and Martinotti, G., 2008. Metamorphism of metasediments at the scale of an orogen: a key to the Tertiary geodynamic evolution of the Alps. In: Siegesmund, S., Fügenschuh, B., and Frotzheim, N. (eds.): *Tectonic Aspects of the Alpine-Dinaride-Carpathian System*. Geological Society, London, Special Publications 298:393–411.
- 126 Çetinkaplan, M., Candan, O., **Oberhänsli, R.**, and Bosquet, R., 2008. Pressure–temperature evolution of lawsonite eclogite in Sivrihisar; Tavşanlı Zone–Turkey. *Lithos* 104(1–4):12–32.
- 127 Moazzen, M., and **Oberhänsli, R.**, 2008. Whole rock and relict igneous clinopyroxene geochemistry of ophiolite-related amphibolites from NW Iran – Implications for protolith nature. *Neues Jahrbuch für Mineralogie – Abhandlungen* 185(1):51–62.
- 128 O'Brien, P., and **Oberhänsli, R.**, 2008. Petrology of Prydz Bay granulites (Larsemann Hills and Rauer Islands). *Berichte zur Polar- und Meeresforschung* 583:102–106.
- 129 Förster, H.-J., Förster, A., **Oberhänsli, R.**, and Stromeyer, D., 2009. Lithospheric composition and thermal structure of the Arabian Shield in Jordan. *Tectonophysics* 481(1–4):29–37.
- 130 Saki, A., Moazzen, M., Modjtahedi, M., and **Oberhänsli, R.**, 2008a. Phase relations and reaction histories of chloritoid-free and chloritoid-bearing metapelites from the Mahneshan area, NW Iran. *Iranian Journal of Crystallography and Mineralogy* 16:622–640.
- 131 —, 2008b. Determination of P-T conditions of metamorphism of Mahneshan Complex, NW Iran. *Iranian Journal of Geosciences* 68:80–94.
- 132 Hosseini, S.Z., Arvin, M., **Oberhänsli, R.**, and Dargahi, S., 2009. Geochemistry and Tectonic Setting of Pleistocene Basaltic Lava Flows in the Shahre-Babak Area, NW of Kerman, Iran: Implication for the Evolution of Urumieh-Dokhtar Magmatic Assemblage. *Journal of Sciences, Islamic Republic of Iran* 20:331–342.
- 133 Moazzen, M., **Oberhänsli, R.**, Hajialiogli, R., Möller, A., Bousquet, R., Droop, G.T.R., and Jahangiri, A., 2009. Peak and post-peak P–T conditions and fluid composition for scapolite-clinopyroxene-garnet calcisilicate rocks from the Takab area, NW Iran. *European Journal of Mineralogy* 21:149–162.
- 134 Riemann, A., **Oberhänsli, R.**, Möller, A., Gerdes, A., and Xu, Z., 2009. In situ LA-SF-ICP-MS U-Pb dating of metasomatic zircon growth during retrogression of UHP eclogites, Sulu deep drilling hole, China. *European Journal of Mineralogy* 21:1251–1264.
- 135 Toksoy-Köksal, F., **Oberhänsli, R.**, and Göncüoğlu, M.C., 2009. Hydrous aluminosilicate metasomatism in an intra-oceanic subduction zone: Implications from the Kurancali (Turkey) ultramafic-mafic cumulates within the Alpine Neotethys Ocean. *Mineralogy and Petrology* 95(3–4):273–290.
- 136 Weber, M., Abu-Ayyash, K., Abueladas, A., Agnon, A., Alasonati-Tasárová, Z., Al-Zubi, H., Babeyko, A., Bartov, Y., Bauer, K., Becken, M., Bedrosian, P.A., Ben-Avraham, Z., Bock, G., Bohnhoff, M., Bribach, J., Dulski, P., Ebbing, J., El-Kelani, R., Förster, A., Förster, H.-J., Frieslander, U., Garfunkel, Z., Goetze, H.J., Haak, V., Haberland, C., Hassouneh, M., Helwig, S., Hofstetter, A., Hoffmann-Rothe, A., Jäckel, K.H., Janssen, C., Jaser, D., Kesten, D., Khatib, M., Kind, R., Koch, O., Koulakov, I., Laske, G., Maercklin, N., Masarweh, R., Masri, A., Matar, A., Mechie, J., Meqbel, N., Plessen, B., Möller, P., Mohsen, A., **Oberhänsli, R.**, Oreshin, S., Petrunin, A., Qabbani, I., Rabba, I., Ritter, O., Romer, R.L., Rumpker, G., Rybakov, M., Ryberg, T., Saul, J., Scherbaum, F., Schmidt, S., Schulze, A., Sobolev, S.V., Stiller, M., Stromeyer, D., Tarawneh, K., Trela, C., Weckmann, U., Wetzels, U., Wylegalla, K., 2009: Anatomy of the Dead Sea Transform from lithospheric to microscopic scale. *Reviews of Geophysics* 47(2):RG2002(1–44). doi:10.1029/2008RG000264

- 137 Candan, O., Koralay, O.E., Akal, C., Kaya, R., **Oberhänsli, R.**, Dora, O.Ö., Konak, N., and Chen, F., 2010. Supra-Pan-African unconformity between core and cover series of the Menderes Massif/Turkey and its geological implications. *Precambrian Research* 184(1–4):1–23.
- 138 **Oberhänsli, R.**, 2010. Bergkristall oder Glas. Identifikationshilfe für Lüsterbehang. In: Zimmer, R. (ed.): *Die KUNST zu BEWAHREN*. Jahrbuch der Stiftung Preußische Schlösser und Gärten Berlin-Brandenburg, 8:247–251. Stiftung Preußische Schlösser und Gärten Berlin-Brandenburg und Akademie-Verlag (Potsdam and Berlin).
- 139 **Oberhänsli, R.**, Candan, O., Bousquet, R., Rimmele, G., Okay, A., and Goff, J., 2010. Alpine high pressure evolution of the eastern Bitlis complex, SE Turkey. In: Sosson, M., Kaymakci, N., Stephenson, R., Strarostenko, V., and Bergerat, F. (eds.): *Sedimentary Basin Tectonics from the Black Sea and Caucasus to the Arabian Platform*. Geological Society, London, Special Publications 340:461–483.
- 140 **Oberhänsli, R.**, Candan, O., and Wilke, F., 2010. Geochronological Evidence of Pan- African Eclogites from the Central Menderes Massif, Turkey. *Turkish Journal of Earth Sciences* 19:431–447.
- 141 Pourteau, A., Candan, O., and **Oberhänsli, R.**, 2010. High-Pressure metasediments in central Turkey: constraints on the Neotethyan closure history. *Tectonics*, 29:TC5004(1–18). doi:10.1029/2009TC002650
- 142 Saki, A., Moazzen, M., and **Oberhänsli, R.**, 2010. P–T evolution of the Precambrian Metamorphic Complex, NW Iran: a study of metapelitic rocks. *Geological Journal* 45:451–466.
- 143 Wichura, H., Bousquet, R., **Oberhänsli, R.**, 2010. Emplacement of the mid-Miocene Yatta lava flow, Kenya: Implications for modelling long channelled lava flows. *Journal of Volcanology and Geothermal Research* 198(3–4):325–338.
- 144 Wichura, H., Bousquet, R., **Oberhänsli, R.**, Strecker, M., and Trauth, M., 2010. Evidence for middle Miocene uplift of the East African Plateau. *Geology* 38(6):543–546.
- 145 Akal, C., Koralay, O.E., Candan, O., **Oberhänsli, R.**, and Chen, F., 2011. Geodynamic Significance of Early Triassic Karaburun Granitoid (Western Turkey) in the Opening History of Neotethys. *Turkish Journal of Earth Sciences* 20:255–271.
- 146 Candan, O., Dora, Ö., **Oberhänsli, R.**, Koralay, E., Çetinkaplan, M., Akal, C., Satir, M., Chen, F., and Kaya, O., 2011. Stratigraphy of the Pan-African basement of the Menderes massif and the relationship with late Neoproterozoic/Cambrian evolution of Gondwana. *Bulletin of the Mineral Research and Exploration* 142:26–68.
- 147 Candan, O., **Oberhänsli, R.**, Dora, Ö., Çetinkaplan, M., Koralay, E., Rimmelé, G., Chen, F., and Akal, C., 2011. Polymetamorphic evolution of the Pan-African basement and Palaeozoic-Early Tertiary cover series of the Menderes Massif. *Bulletin of the Mineral Research and Exploration* 142:121–163.
- 148 Hajjialioghli, R., Moazzen, M., Jahangiri, A., **Oberhänsli, R.**, Mocek, B., and Altenberger, U., 2011. Petrogenesis and tectonic evolution of metaluminous sub-alkaline granitoids from the Takab Complex, NW Iran. *Geological Magazine* 148(2):250–268.
- 149 Hantke, R., Brückner, W., **Oberhänsli, R.**, Schneker, F., Haldimann, P., and Schreurs G., 2011. Geologischer Atlas der Schweiz 1:25 000, Blatt 1192 Schächental, Erläuterungen. Swisstopo.
- 150 Koralay, E., Candan, O., Akal, C., Dora, Ö., Chen, F., Stir, M., and **Oberhänsli, R.**, 2011. The geology and geochronology of the Pan-African and Triassic metagranitoids in the Menderes Massif, Western Anatolian, Turkey. *Bulletin of the Mineral Research and Exploration* 142:69–119.
- 151 Wichura, H., Bousquet, R., **Oberhänsli, R.**, Strecker, M., and Trauth, M., 2011. The Mid-Miocene East African Plateau: a pre-rift topographic model inferred from the emplacement of the phonolitic Yatta lava flow, Kenya. In: Van Hinsbergen, D.J.J., Buiter, S.J.H., Torsvik, T.H., Gaina, C., and Webb, S.J. (eds.): *The Formation and Evolution of Africa: A Synopsis of 3.8 Ga of Earth History*. Geological Society, London, Special Publications 357:285–300.
- 152 Akal, C., Candan, O., Koralay, E., **Oberhänsli, R.**, Chen, F., and Prelevic, D., 2012. Early Triassic postassic volcanism in the Afyon zone of the Anatolides/Turkey: Implications for the

- rifting of the Neo-Tethys. *International Journal of Earth Sciences* 101:177–194.
- 153 Altenberger, U. , Jimenez Mejia, D.M., Günter, C., Rodriguez Serra, G.I., Scheffler, F., and **Oberhänsli, R.**, 2012. The Garzón Massif, Colombia – a new ultrahigh-temperature metamorphic complex in the early Neoproterozoic of northern South America. *Mineralogy and Petrology* 105:171–185.
- 154 Duesterhoeft, E., Bousquet, R., Wichura, H., and **Oberhänsli, R.**, 2012. Anorogenic plateau formation: the importance of density changes in the lithosphere. *Journal of Geophysical Research* 117:B07204. doi:10.1029/2011JB009007
- 155 Koralay, O.E., Candan, O., Chen, F., Akal, C., **Oberhänsli, R.**, Satır, M., and Dora, O.Ö., 2012, Pan-African magmatism in the Menderes Massif: geochronological data from leucogranitic tourmaline orthogneisses in Western Turkey. *International Journal of Earth Sciences* 101(8):2055–2081.
- 156 **Oberhänsli, R.**, 2012 . IUGS President’s address. *Episodes* 35(4):460–461.
- 157 **Oberhänsli, R.**, Bousquet, R., Candan, O., and Okay, A.I., 2012. Dating Subduction Events in East Anatolia. *Turkish Journal of Earth Sciences* 21:1–17.
- 158 Saki, A., Moazzen, M., and **Oberhänsli, R.**, 2012. Mineral chemistry and thermobarometry of the staurolite-chloritoid schists from Poshtuk, NW Iran. *Geological Magazine* 149(6):1077–1088.
- 159 Jolivet, L., Faccenna, C., Huet, B., Labrousse, L., Le Pourhiet, L., Lacombe, O., Lecomte, E., Burov, E., Denèle, Y., Brun, J.-P., Philippon, M., Paul, A., Salaün, G., Karabulut, H., Piromallo, C., Monié, P., Gueydan, F., Okay, A. I., **Oberhänsli, R.**, Pourteau, A., Augier, R., Gadenne, L., and Driussi, O., 2013. Aegean tectonics: strain localisation, slab tearing and trench retreat. *Tectonophysics*. doi:10.1016/j.tecto.2012.06.011