

## BIBLIOGRAPHY

(P) published report; (O) U.S. Geological Survey open-file report;  
(A) published abstract; (Ad) administrative report; (C) CD-ROM

1. BAEDECKER P.A. (1964) Platinum, gold and mercury in meteorites and natural materials by neutron activation analysis. M.S. thesis, University of Kentucky, Lexington.
2. (P) BAEDECKER P.A. and Ehmann W.D. (1965) The distribution of some noble metals in meteorites and natural materials, *Geochim. Cosmochim. Acta* 29, 329-342.
3. BAEDECKER P.A., (1967) The distribution of gold and iridium in meteoritic and terrestrial materials. Ph.D. dissertation, Univ. of Kentucky, Lexington.
4. (P) Ehmann W.D. and BAEDECKER P.A. (1968) The distribution of gold and iridium in meteoritic and terrestrial materials. *Origin and Distribution of the Elements*, edited by L.H. Ahrens, Pergamon Press, New York, pp 301-311.
5. (P) BAEDECKER P.A., and Walters W.B. (1968) Decay schemes of 42 min  $^{123}\text{Sn}$  and 10 min  $^{125}\text{mSn}$ . *Nuclear Physics A107*, 449-466.
6. (P) Ragaini R.C., Walters W.B., Gordon G.E. and BAEDECKER P.A., (1968) Decay scheme of 13.3 h  $^{123}\text{I}$ . *Nuclear Physics A115*, 611-621.
7. (A) Frey F.A., Spooner C.M., BAEDECKER P.A., (1969) Elemental abundances in microtektites. *EOS, Trans. Am. Geophys. Union* 50, 640.
8. (P) Gordon G.E., Dran J.C., BAEDECKER P.A., and Anderson C.F.L., (1969) Extensions of the use of Ge(Li) detectors in instrumental neutron activation analysis of geological samples. *Modern Trends in Activation Analysis*, NBS Special Publication 312, Edited by J.R. DeVoe and P.D. LaFleur, U.S. Government Printing Office, Washington, DC Vol I, pp 399-403.
9. (A) BAEDECKER P.A., and Wasson J.T. (1970) The distribution of some major and trace elements in enstatite chondrites. *EOS, Trans Am. Geophys. Union* 51, 341.
10. (P) BAEDECKER P.A., and Wasson J.T. (1970) Gallium, germanium, indium and iridium in lunar samples. *Science* 167, 503-505.
11. (P) Ehmann W.D., BAEDECKER P.A., and McKown D.M. (1970) Gold and iridium in meteorites and some selected rocks. *Geochim. Cosmochim. Acta* 34, 493-507.
12. (P) Wasson J.T. and BAEDECKER P.A., (1970) Ga, Ge, In, Ir and Au in lunar, terrestrial and meteoritic basalts. *Geochim. Cosmochim. Acta Suppl. I*, 1741- 1750.

13. (P) Frey, F.A., Spooner C.M., and BAEDECKER P.A., (1970) Microtektites and tektites: A chemical comparison. *Science* 170, 845-847.
14. (P) BAEDECKER P.A., Pakkanen A., and Walters, W.B. (1970) Decay of  $^{117}\text{In}$  isomers and search for a low-lying  $9/2^-$  level in  $^{117}\text{Sn}$ . *Nuclear Physics* A158, 607-614.
15. (P) BAEDECKER P.A.,(1971) Digital methods of photopeak integration in activation analysis. *Anal. Chem.* 43, 405-410.
16. (P) BAEDECKER P.A., Cuttita F., Rose H.J., Schaudy R. and Wasson J.T. (1971) On the origin of lunar soil 12033, *Earth and Planetary Science Letters* 10, 361-364.
17. (P) BAEDECKER P.A., (1971) Digital methods of photopeak integration in activation analysis, *Activation Analysis in Geochemistry*, edited by A.O. Brunfelt and E. Steinnes Universitetsforlaget, Oslo, pp 175-82.
18. (P) BAEDECKER P.A., (1971) Chemical evidence relating to the origin of the returned lunar material, *ibid.*, pp 285-291.
19. (P) BAEDECKER P.A., Schaudy R., Elzie J.L., Kimberlin J. and Wasson J.T. (1971) Trace element studies of rocks and soils from oceanus procellarum and mare tranquillitatis. *Proc. Apollo 12 Lunar Sci. Conf., Geochim. Cosmochim. Acta Suppl.* 2, 1037-1061.
20. (P) BAEDECKER P.A., (1971) Boron, *Elemental Abundances in Meteorites*, edited by B. Mason, Gordon and Breach, London, pp 77-80.
21. (P) BAEDECKER P.A., and Wasson J.T. (1971) Gallium, *ibid.*, pp 241-250.
22. (P) BAEDECKER P.A., and Wasson J.T. (1971) Germanium, *ibid.*, pp 251-259.
23. (P) BAEDECKER P.A., (1971) Indium, *ibid.*, pp 369-375.
24. (P) BAEDECKER P.A., (1971) Iridium, *ibid.*, pp 463-472.
25. (P) Muller O., BAEDECKER P.A., and Wasson J.T. (1971) Relationship between siderophilic element content and oxidation state of ordinary chondrites. *Geochim. Cosmochim. Acta* 35, 1121-1137.
26. (A) BAEDECKER P.A., Chou C.-L., Kimberlin J., and Wasson J.T. (1972) Trace element studies of lunar soils. In *Lunar Science III* (editor C. Watkins) pp. 35-37. *Lunar Science Institute*, Houston.

27. (P) BAEDECKER P.A., Chou C.-L. and Wasson J.T. (1972) The extralunar component in lunar soils and breccias. Proc. 3rd Lunar Sci. Conf., Geochim. Coschim. Acta Suppl. 3, 1343-1359.
28. (P) Wasson J.T., and BAEDECKER P.A., (1972) Provenance of Apollo 12 KREEP. Proc. 3rd Lunar Sci. Conf., Geochim. Cosmochim. Acta Suppl. 3, 1315-1326.
29. (P) BAEDECKER P.A., Chou C.-L., Sundberg L.L., and Wasson J.T. (1972) Extralunar materials in Apollo 16 soils and the decay rate of the extralunar flux 4.0 Gy ago. Earth and Planet Sci. Letters 17, 79-83.
30. (P) Chou C.-L., BAEDECKER P.A., and Wasson J.T. (1973) Distribution of Ni, Ga, Ge, and Ir between metal and silicate portions of H group chondrites. Geochim. Cosmochim. Acta 27, 2159-2171.
31. (A) BAEDECKER P.A., Chou C.-L., Grudewicz E.B., and Wasson J.T. (1973) The flux of extralunar materials onto the lunar surface as a function of time. In Lunar Science IV (editors J.W. Chamberlain and C. Watkins) pp. 45-47. Lunar Science Institute, Houston.
32. (A) Chou, C.-L., Wasson J.T., and BAEDECKER P.A., (1973) Atmophilic volatile elements in the lunar regolith. In Lunar Science IV (editors J.W. Chamberlain and C. Watkins) pp. 130-132. Lunar Science Institute, Houston.
33. (A) Chou, C.-L., BAEDECKER P.A., and Wasson J.T. (1973) Allende inclusions and nebular condensation. EOS, Trans. Am. Geophys Union 54, 346.
34. (A) Chou, C.-L., BAEDECKER P.A., and Wasson J.T. (1973) Abundance of Ni, Zn, Ga, Ge, Cd, In, Ir, and Au in H-group chondrites. EOS, Trans. Am. Geophys. Union 54, 426.
35. (A) BAEDECKER P.A., and Wasson J.T. (1973) Elemental fractionations among enstatite chondrites. Meteoritics 8, 323-324.
36. (A) BAEDECKER P.A., Chou C.-L., Sundberg L.L., Bild R., Grudewicz E., and Wasson J.T. (1973) The extralunar component in the apollo 16 regolith. Meteoritics 8, 13.
37. (A) Bild R., Schaudy R., Chou C.-L., BAEDECKER P.A., Wasson J.T. (1973) Mesosiderites: A search for fractionation trends. Meteoritics 8, 14.
38. (A) Chou, C.-L., BAEDECKER P.A., and Wasson J.T. (1973) Fractionation of siderophilic and volatile elements in H-group chondrites. Meteoritics 8, 24.
39. (P) Wasson J.T., Chou C.-L., Bild R.W. and BAEDECKER P.A., (1973) Extralunar materials in Cone-Crater soil 14141. Geochim. Cosmochim. Acta 37, 2349-2353.

40. (P) BAEDECKER P.A., Chou C.-L., Grudewicz E.B. and Wasson J.T. (1973) Volatile and siderophilic trace elements in apollo 15 samples: geochemical implications and characterization of the long-lived and short-lived extralunar materials. Proc. Fourth Lunar Sci. Conf., Geochim. Cosmochim. Acta Suppl. 4, Vol 2, pp. 1177-1195. Pergamon Press.
41. (P) Chou C.-L., BAEDECKER P.A., and Wasson J.T. (1973) Atmophilic elements in lunar soils. Proc. Fourth Lunar Sci. Conf., Geochim. Cosmochim. Acta Suppl. 4, Vol 2, pp. 1523-1533. Pergamon Press.
42. (A) BAEDECKER P.A., Chou C.-L., Grudewicz E.B., Sundberg L.L. and Wasson J.T. (1974) Extralunar materials in lunar soils and rocks. In Lunar Science V pp 28-30. Lunar Science Institute, Houston.
43. (A) Chou C.-L., BAEDECKER P.A., Bild R.W., Robinson K.L., and Wasson J.T. (1974) Volatile elements in lunar soils. In Lunar Science V pp 115-117. Lunar Science Institute, Houston.
44. (A) BAEDECKER P.A., Bild R.W., Chou C.-L., Grudewicz E.B., Robinson K.L., Sundberg L.L., and Wasson J.T. (1974) Extralunar materials in lunar soils. EOS, Trans. Am. Geophys. Union 55, 326.
45. (A) Chou C.-L., BAEDECKER P.A., and Wasson J.T. (1974) Trace elements in Apollo 17 samples. EOS, Trans. Am. Geophys. Union 55, 326.
46. (P) BAEDECKER P.A., Chou C.-L., Sundberg L.L. and Wasson J.T. (1974) Volatile and siderophilic trace elements in the soils and rocks of Taurus - Littrow. Proc. Fifth Lunar Sci. Conf., Geochim. Cosmochim. Acta, Suppl. 5, Vol 2, pp 1625- 1643. Pergamon Press.
47. (P) Chou C.-L., BAEDECKER P.A., Bild R.W., and Wasson J.T. (1974) Volatile element systematics and green glass in apollo 15 soils. Proc. Fifth Lunar Sci. Conf., Geochim. Cosmochim. Acta, Suppl. 5, Vol 2, pp 1645-1657. Pergamon Press.
48. (A) Bild R.W., Chou C.-L., Wasson J.T., and BAEDECKER P.A., (1975) Siderophilic and volatile elements in the silicate portions of mesosiderites and other hybrid meteorites. EOS, Trans. Am. Geophys. Union 56, 391.
49. (A) Wasson J.T., Chou C.-L., Boynton W.V. and BAEDECKER P.A., (1975) Temporal decrease of siderophile/Ir ratios in mature lunar soils. In Lunar Science VI, pp 857- 859 Lunar Science Institute, Houston.
50. (P) BAEDECKER P.A., and Wasson J.T. (1975) Elemental fractionations among enstatite chondrites. Geochim. Cosmochim. Acta 39, 735-765.

51. (P) Wasson J.T., Chou C.-L., Robinson K.L., and BAEDECKER P.A., (1975) Siderophiles and volatiles in Apollo-16 rocks and soils. *Geochim. Cosmochim. Acta* 39, 1475- 1485.
52. (P) Wasson J.T., Boynton W.V., Chou C.-L., and BAEDECKER P.A., (1975) Compositional evidence regarding the influx of interplanetary materials onto the lunar surface. *The Moon* 13, 121-141.
53. (P) Chou C.-L., BAEDECKER P.A., and Wasson J.T. (1976) Allende inclusions: volatile-element distribution and evidence for incomplete volatilization of presolar solids. *Geochim. Cosmochim. Acta* 40, 85-94.
54. (P) Rose H.J. Jr., BAEDECKER P.A., Berman S., Christian R.P., Dwornik E.J., Finkelman R.B., and Schnepfe M.M. (1975) Chemical compositions of rocks and soils returned by apollo 15, 16 and 17 missions. *Proc. Sixth Lunar Sci. Conf., Geochim. Cosmochim. Acta, Suppl. 6, Vol 2*, pp 1363-1373. Pergamon Press.
55. (P) Finkelman R.B., BAEDECKER P.A., Christian R.P., Berman S., Schnepfe M.M., and Rose H.J. Jr. (1975) Trace-element chemistry and reducing capacity of size fractions from the apollo 16 regolith. *Proc. Sixth Lunar Sci. Conf., Geochim. Cosmochim. Acta, Suppl. 6, Vol 2*, pp 1385-1398. Pergamon Press.
56. (P) Boynton W.V., BAEDECKER P.A., Chou C.-L., Robinson K.L. and Wasson J.T. (1975) Mixing and transport of lunar surface materials: Evidence obtained by the determination of lithophile, siderophile and volatile elements. *Proc. Sixth Lunar Sci. Conf. Geochim. Cosmochim. Acta, Suppl. 6, Vol 2*, pp 2241-2259. Pergamon Press.
57. (A) BAEDECKER P.A., (1976) The precision and accuracy of iterative and non-iterative methods of photopeak integration in activation analysis, with particular reference to the analysis of multiplets 1976 International Conference: "Modern Trends in Activation Analysis."
58. (P) Boynton W.V., Chou C.-L., Bild R.W., BAEDECKER P.A., and Wasson J.T. (1976) Element distribution in size fractions of apollo 16 soils: Evidence for elemental mobility during regolith processes. *Earth Planet. Sci. Letters* 29, 21-33.
59. (P) Wasson J.T., Chou C.-L., Bild, R.W. and BAEDECKER P.A., (1976) Classification of and elemental fractionation among ureilites. *Geochim. Cosmochim. Acta* 40, 1449-1458.
60. (P) BAEDECKER P.A., (1976) SPECTRA: Computer reduction of gamma-ray spectroscopic data for neutron activation analysis. *Advances in Obsidian Glass Studies*, edited by R.E. Taylor, Noyes Press, Park Ridge, New Jersey, pp 334-349.

61. (P) BAEDECKER P.A., Rowe J.J., and Steinnes E. (1977) Application of epithermal neutron activation in multielement analysis of silicate rocks employing both coaxial Ge(Li) and low energy photon detector systems. *J. Radioanal. Chem.* 40, 115-146.
62. (P) BAEDECKER P.A., (1977) The precision and accuracy of iterative and non-iterative methods of photopeak integration in activation analysis, with particular reference to the analysis of multiplets. *J. Radioanal. Chem.* 39, 239-254.
63. (A) Coleman, S.L., Schwarz, L.J., and BAEDECKER P.A. (1977) Arsenic and Antimony in U.S. Coal., GSA Abstracts with Programs 9, No. 7, p. 932.
64. (A) BAEDECKER P.A., (1978) The INAA program of the U.S.G.S., (Reston, VA): American Nuclear Society Topical Conference "Computers in activation analysis and gamma-ray spectroscopy", April 30 - May 4, 1978, Mayagyez, P.R.
65. (P) Gulbrandsen, R.A., Rait, N., Krier, D.J., BAEDECKER P.A., and Childress, A., (1978) Gold, silver, and other resources in the ash of incinerated sewage sludge at Palo Alto, California -- a preliminary report, U.S. Geological Survey Circular 784.
66. (A) BAEDECKER P.A., Morgan, J.W., and Goldstein (1979) Siderophile-element fractionation in the metal phase of the Knyahinya chondrite: Lunar and planetary science X, part 1, p. 54-56.
67. (P) Bothner, M., Aruscavage, P., Ferrebee, W., BAEDECKER P.A., (1980) Trace metal concentration in sediment cores from the Continental shelf off the southeastern United States. *Estuarine and Coastal Marine Science*. 10, 523-541.
68. (P) BAEDECKER P.A. (1979) The INAA program of the U.S. Geological Survey. "Computers in Activation Analysis and gamma-ray spectroscopy." B.S. Carpenter, M.D. D'Agostino, and H.P. Yule eds, CONF-78042, U.S. Dept. of Energy, pp. 373-385.
69. (A) BAEDECKER P.A. (1980) Siderophile element fractionation in the metal phase of the Bruderheim chondrite, *Lunar Science XI*, 49-51.
70. (P) BAEDECKER P.A. (1980) Comparisons of peak-search and photopeak-integration methods in the computer analysis of gamma-ray spectra. *Proceedings of the Fourth International Conference in Nuclear Methods in Environmental and Energy Research*, CONF-800433, U.S. Dept. of Energy, pp. 15-24.
71. (P) Bacon, C.R., Macdonald, R., Smith, R.L., BAEDECKER P.A. (1981) Pleistocene high-silica rhyolites of the Coso volcanic field, Inyo County, California, *J. Geophys. Res.* 86, 10223-10241.
72. (A) Clarke, R.S., Jr., Jarosewich, E., Goldstein, J.I., BAEDECKER P.A. (1980) Antarctic Iron Meteorites from Allan Hills and Purgatory Peak. *Meteoritics*, 15, 273-274.

73. (O) Sarna-Wojcicki, A.M. Bowman, H.R., Meyer, C.E., Russell, P.C., Asaro, F., Michael, H., Rowe, J.J., BAEDECKER P.A., and McCoy, G. (1980) Chemical analyses and ages of late Cenozoic tephra units of east central and southern California, U.S. Geological Survey, Open-File Report 80-231.
74. (A) BAEDECKER P.A. (1981) The application of INAA to microsamples of cosmochemical and geochemical interest. 6th International Conference on Modern Trends in Activation Analysis, Toronto, Canada, June, 1981, pp. 221-222.
75. (A) BAEDECKER P.A. (1982) The application of INAA to microsamples of meteoritic metal. Transactions of the American Nuclear Society, 41, 186.
76. (A) Morgan, J.W. and BAEDECKER P.A. (1983) Elemental Composition of Sulfide Particles from an ultramafic xenolith and the siderophile element content of the upper mantle. Lunar and Planetary Science XIV, pp. 513-514.
77. (O) Bischoff, J.L., Rosenbauer, R.J., Aruscavage, P.J., BAEDECKER P.A., and Crock, J.G. (1983) Geochemistry and Economic Potential of Massive Sulfide Deposits from the Eastern Pacific Ocean, U.S. Geological Survey, Open-File Report 83- 324.
78. (P) Bischoff, J.L., Rosenbauer, R.J., Aruscavage, P.J., BAEDECKER, P.A., and Crock, J.G. (1983) Sea floor massive sulfide deposits from 21° N, East Pacific Rise; Juan de Fuca Ridge; and Galapagos Rift: Bulk Chemical Composition and Economic Implications. Economic Geology 78, 1711-1720.
79. (P) Sarna-Wojcicki, A.M., Bowman, H.R., Meyer, C.E., Russell, P.C., Woodward, M.J., McCoy, G., Rowe, J.J., BAEDECKER P.A., Asaro, F., Michael, H. (1984) Chemical Analyses, correlations and Ages of Upper Pliocene and Pleistocene Ash Layers of East-Central and Southern California. U.S. Geological Survey Professional Paper 1293, 40 pp.
80. (P) BAEDECKER P.A. (1985) Comments on Least Squares Polynomial Filters for Initial Point and Slope Estimation. Anal. Chem. 57, 1477-1479.
81. (P) BAEDECKER P.A., Chou, C.L., and Wasson, J.T. (1987) Abundances of eight elements in Allende meteorite reference sample by neutron activation analysis, in The Allende Meteorite Reference Sample, edited by E. Jarosewich, R.S. Clarke, Jr., and J.N. Borrows, Smithsonian Contributions to the Earth Sciences, Number 27, Smithsonian Institution, Washington, D.C., p 15.
82. (P) Grossman, J.N. and BAEDECKER P.A. (1986) Computer graphics for quality control in the INAA of geological samples. Proceedings of the Seventh International Conference on Modern Trends in Activation Analysis, Copenhagen, Denmark, p. 571- 578.
- also (1987) J. Radioanal. and Nuclear Chem., Articles, 113, 43-59.

83. (P) BAEDECKER P.A. (1987) Editor, Methods for Geochemical Analysis, U.S. Geological Survey Bulletin 1770 Introduction, pp. IN1-3.
84. (P) BAEDECKER P.A., and McKown, D.M. (1987) Instrumental Neutron Activation Analysis of Geological Samples in Baedecker, P.A., ed., Methods for Geochemical Analysis, U.S. Geological Survey Bulletin 1770, pp. H1-H14.
85. (P) Palmer, C.A. and BAEDECKER P.A. (1987) The determination of 41 elements in whole coal by instrumental neutron activation analysis, in Golightly, D.W. ed., Methods for sampling and inorganic analysis of coals, U.S. Geological Survey Bulletin 1823, pp. 27-34.
86. (P) Calvert, S.E., Piper, D.Z. and BAEDECKER P.A. (1987) Geochemistry of the Rare Earth Elements in Ferromanganese Nodules from Domes Site A, Northern Equatorial Pacific, *Geochimica et Cosmochimica Acta* 51, 2331-2338.
87. (Ad) (1987) Effects on Materials and Cultural Resources, in the National Acid Precipitation Assessment Program 1986 Annual Report to the President and Congress, J. Lawrence Kulp and C.N. Herrick, eds, U.S. Government Printing Office, Washington, D.C., pp. 135-145.
88. (P) Pavich, M.J., BAEDECKER, P.A., and Sherwood, S.I. (1987) Effects on Materials, Chapt. 9 of the National Acid Precipitation Interim Assessment Report, J.L. Kulp and C.N. Herrick, eds., U.S. Government Printing Office, Washington, D.C., 41 pp.
89. (P) Piper, D.Z., BAEDECKER, P.A., Crock, J.G., Burnett W.C., and Loebner B.J. (1988) Rare earth elemnts in the phosphatic-enriched sediment of the peru shelf, *Marine Geology* 80, 269-285.
90. (Ad) (1988) Effects on Materials and Cultural Resources, in the National Acid Precipitation Assessment Program 1987 Annual Report to the President and Congress, U.S. Government Printing Office, Washington, D.C., pp. 55-62.
91. (A) BAEDECKER, P.A. (1988) Materials Effects Research of the U.S. National Acid Precipitation Assessment Program, The Third Chemical Congress of North America, Toronto, Cananda, June 5-10, 1988, Abstract ENVR-067.
92. (Ad) (1989) Effects on Materials and Cultural Resources, in the National Acid Precipitation Assessment Program 1988 Annual Report to the President and Congress, U.S. Government Printing Office, Washington, D.C., pp. 73-79.
93. (P) BAEDECKER, P.A. (1989) "Analytical Methods for Geochemical Exploration" by J.C. Van Loon and R.R. Barefoot, *Geochim. Cosmochim. Acta* 53, 1713 (Book Review).

94. (O) BAEDECKER, P.A. and J.N. Grossman (1989) The Computer Analysis of High Resolution Gamma-ray Spectra from Instrumental Activation Analysis Experiments. U.S. Geological Survey Open File Report 89-454. 55 pp. plus appendices.
95. (A) BAEDECKER, P.A. (1989) Materials Effects Research of the U.S. National Acid Precipitation Assessment Program. E.P.A. Conference: Acid Deposition Effects in the Mid-Atlantic States. Pittsburgh, Penn., November 15-16, 1989.
96. (P) BAEDECKER, P.A., Edney, E.O., Moran, P.J., Simpson, T.C., Williams, R.S., Hosker, R.P., Kishiyama, G., Langmuir, D., McGee, E.S., Mossotti, V.G., Pavich, M.J., Reddy, M.M., Reimann, K.J., Schmiermund, R., Sciammarella, C.A., Spiker, E.C., Weseley, M.L., and Youngdahl, C.A. (1990) Effects of Acidic Deposition on Materials, NAPAP Report 19, Acidic Deposition: State of Science and Technology, National Acid Precipitation Assessment Program, 722 Jackson Place, NW, Washington, D.C. 280 pp.
97. (A) BAEDECKER, P.A., M.M. Reddy, and S.I. Sherwood, 1990, Effects of Acidic Deposition on Carbonate Stone -- Experimental Results From Studies Conducted by the U.S. National Acid Precipitation Assessment Program (NAPAP), International Conference on Acidic Deposition, its Nature and Impacts, Sept. 16-21, Glasgow, Scotland. (Abstract)
98. (P) BAEDECKER, P.A., Reddy, M.M., Reimann, K.J., and Sciammarella, C.A. (1992) Effects of Acidic Deposition on the Erosion of Carbonate Stone -- Experimental Results from the U.S. National Acid Precipitation Assessment Program (NAPAP), Atmospheric Environment 26B, 147-158.
99. (P) BAEDECKER, P.A. and Reddy, M.M. (1991) The Erosion of Carbonate Stone by Acid Rain -- Laboratory and Field Investigations, J. Chem. Ed., 70, 104 - 108.
100. (P) The U.S. National Acid Precipitation Assessment Program (1991) 1990 Integrated Assessment Report. National Acid Precipitation Assessment Program, 722 Jackson Place, NW, Washington, D.C. 520 pp. (I was one of over 100 technical contributors to this report)
101. (Ad) BAEDECKER, P.A. (1991) A comparison of the precision of single photopeak integration and the accuracy of doublet resolution using two programs for gamma-ray spectral data analysis: SPECTRA5 and SAMPO. (Administrative report to the record, Branch of Geochemistry) 10 pp.
102. (P) Jackson, L.L., BAEDECKER, P.A., Fries, T.L., and Lamothe, P.J. (1993) Geological and Inorganic Materials. Anal. Chem., 65, 12R - 28R.
103. (O) BAEDECKER, P.A. and J.N. Grossman, 1994, The SPECTRA program library: A PC based system for gamma-ray spectra analysis and INAA data reduction: U.S. Geological Survey Open File Report 94-168. 37 pp. plus appendices.

104. (O) Klein, T.L., Siems, D.F., Fey, D.L., Motooka, J.M., Love, A.H., Doughten, M.W., Gillison, J.R. and BAEDECKER, P.A., 1994, Geochemical analyses of bedrock samples from drill holes on and near Red Lake Indian Reservation lands, northern Minnesota: U.S. Geological Survey Open File Report 94-0429. 8 pp.
105. (P) Jackson, L.L., BAEDECKER, P.A., Fries, T.L., and Lamothe, P.J., 1995, Geological and Inorganic Materials: Anal. Chem., v. 67, p. 71R - 85R.
106. (P) BAEDECKER, P.A. and J.N. Grossman, 1995, The SPECTRA program library: A PC based system for gamma-ray spectra analysis and INAA data reduction. J. Radioanal. and Nuclear Chem. v. 198, p. 55-68.
107. (P) Philpotts, J.A., Taylor, C.D., and BAEDECKER, P.A., 1996, Rare-earth enrichment at Bokan, Mountain, Southeast Alaska, in Moore, T.E. and Dumoulin, J.A., editors, Geologic studies in Alaska by the U.S. Geological Survey during 1994: U.S. Geological Survey Bulletin 2152.
108. (A) Morgan, J.W., R.J. Walker, M.I. Smoliar, E.S. Beary, and P.A. BAEDECKER, 1997, Coupled 190Pt - 186Os and 187Re - 187Os isotopic systems: detection of possible core-mantle interaction and estimation of sulfur in the outer core. Lunar Planet. Sci. XXVIII 977-978.
109. (A) Morgan, J.W., R.J. Walker, M.I. Smoliar, E.S. Beary, and P.A. BAEDECKER, 1997, Applications of the 190Pt - 186Os isotope system to problems in geochemistry and cosmochemistry. EAG Workshop 1997 on the Origin and Fractionation of Highly Siderophile Elements.
110. (C) BAEDECKER, P.A., Grossman, J.N., and Buttleman, K.P., 1998, National Geochemical Data Base: PLUTO Geochemical Data Base for the United States, U.S. Geological Survey Digital Data Series DDS-47.

The following papers have been re-published in the series:

Benchmark Papers in Geology  
Rhodes W. Fairbridge ed.  
Dowden Hutchinson and Ross, Inc.  
Stroudsburg, Pennsylvania

Tektites  
V.E. Barnes and M.A. Barnes eds.  
pp. 149-155 (1973)

Baedeker P.A. and Ehmann W.D., 1965, The distribution of some noble metals in meteorites and natural materials: Geochim. Cosmochim. Acta v. 29, p. 329-342.

Geochemistry of Germanium  
J.A. Weber ed.  
pp. 254-267 (1973)

Baedecker P.A. and Wasson J.T., 1970, Gallium, germanium, indium and iridium in lunar samples: *Science* v. 167, p. 503-505.

Wasson J.T. and Baedecker P.A., 1970, Ga, Ge, In, Ir and Au in lunar, terrestrial and meteoritic basalts: *Geochim. Cosmochim. Acta Suppl. I*, p. 1741-1750.