

ເອກສາງອາງອີງ

1. Environmental Protection Agency (Cincinnati) "Radioactivity Levels in Selected Ohio Streams; The Great Miami River and Mill Creek ; June-August 1968." Radiat. Data. Rep. 13, pp. 189-194, April 1972.
2. Hainberger, P.L. and Paiva. "Radioactivity in Brazilian mineral waters" Radiat. Data. Rep. 15, pp. 483, 1974.
3. Sedet, J. Radon and Radium in Treatise on Analytical Chemistry Part II. (Kolthoff, I.M. and Elving, P.J.eds.) pp. 219-355. Interscience Publishers, New York, 1966.
4. Fisher, D.R. and Roessler, C.E. "Assessment of Radon Progeny inhalation exposure from Low-Level wastes of Phosphate mining in Florida." in Low-Level Radioactive waste management, Proceedings of Health Physics society. Twelfth midyear topical symposium. (Watson, J.E.ed.) pp. 356. Williamsburg, Virginia, February 1979.
5. National Academy of Science. "The Effects on Populations of Exposure to Low-Levels of Ionizing Radiation." pp. 125-132. Washington D.C., 1972.
6. Burch, P.R.J. Dose rates to man from Natural Background and other Sources of Ionizing Radiation. in Radiation and Health. (William, K., Smith, C.L. and Chalke, H.D.eds.) pp. 93-95. Longmans, Edinburgh, 1962.

7. Silverstein, H.E. in Biological Studies with Polonium, Radium and Plutonium. Chap 4 and 6. (Fink, R.E.ed.) McGraw-Hill, New York, 1950.
8. ICRP Publication 31. "Biological effects of inhaled Radionuclides." in Annals of the ICRP. pp. 28-32. Pergamon Press, New York, 1981.
9. Kelkar, D.N. and Ioshi, P.V. "A rapid method for estimating radium and radon in water." Health Phys. 17(1969) : 253-257.
10. Rowland, R.E. Dose and Damage in Long-Term Radium Cases. in Medical Radionuclides : Radiation Dose and Effects. (Cloutier, R.J., et al.eds.) pp. 369. US. Atomic Energy Commission, Division of Technical Information, Washington D.C., 1970.
11. Haybitte, J.T. Uses of Radiations and Radioactive Materials. in Radiation and Health..., pp. 37-39.
12. Martland, H.S. "Occupational Poisoning in manufacture of luminous watch dials." J.A.M.A. 92 (1929) : 422 and 522.
13. Pradel, J., et al. Comm. Energie At(France) Rapport. CEA-2330, 1963.
14. Sutton, W.R. and Soonawala, N.M. "Soil Radium Method for Uranium Prospecting." Can. Mining Met. Bull. No. 68. pp. 51-56, 1975.

15. Robertson, J.S. and Cohn, S.H. Radiotoxicity of internally Deposited Radioactive Material. in Atomic Medicine (Behrens, C.E.ed.) pp. 237-239. The Williams and Wilkins, Baltimore, 1959.
16. Rundo, J. Biological Monitoring in Radiation and Health..., pp. 119-132.
17. Evans, R.D., Harris, R.S. and Bunker, J.W.M. Am. J. Roentgenol. Radium Therapy. 52 (1944): 353.
18. Evans, R.D. J. Ind. Hyg. Toxicol. 25 (1943) : 253.
19. Hugh, F.H. in Fundamentals of Radiation Protection. pp. 97, Wiley Interscience, 1969.
20. Chopping, P.T. Radiation Hazards to the Population : Clinical Effects. in Radiation and Health..., pp. 61-66 and 73.
21. Martland, H.S., et al. J. Amer.med.Ass. 85 (1925) : 23 and 1769.
22. Prased, K.N. in Human radiation biology. pp. 348, Harper and Row Publishers Inc., Marryland, 1974.
23. Rowland, R.E., Stehney, A.F. and Lucas, H.F. "Dose-response relationships for female radium dial workers" Radio-logical and Environmental Research Division annual report, Argonne National Lab., ANL-78-65 (Pt.2), 1978.
24. Stewart, M.B. "Osteoradionecrosis and cancer of the head and neck." Arch. Otolaryng. 38 (1943) : 403.

25. Lawrence, E.A. "Osteoradionecrosis of the mandible." Am. J. Roentgen. and Rad. Therapy. 55 (June 1946): 733.
26. Looney, W.B., et al. Amer. J. Roentgenol. 73 (1955): 1006. and Ann. Intern. Med. 42 (1955) : 378.
27. Finke, M.P. Science. 128 (No. 3325)(1958) : 637 and Radiation Research Supplement. 1(1959) : 265
28. National Bureau of Standards. Handbook No.69. US. Department of Commerce, National Technical Information Service, Washington D.C., 1959.
29. —————. Handbook No.59. US. Department of Commerce, National Technical Information Service, Washington D.C., 1954.
30. United States Department of Health, Education and Welfare. Public Health Service Drinking Water Standards. Rev. 1962. Washington D.C. (1962).
31. World Health Organization. International Standards for Drinking Water. 3 rd ed. Geneva, 1971
32. Fisenne, I.M. and Keller, H.W. "Worldwide Measurement of ²²⁶Ra in Human Bone : Estimate of Skeletal α Dose." Health Phys. 40 (1981) : 163-171.
33. Aub, J.C., et al. "The Late Effects of Internally deposited Radioactive Materials in Man." Medicine. 31 (1952) : 221-229.

34. William, R.J.R and Hanson, R. "Radiographic Changes in skeleton of Beagles administered ^{90}Sr and ^{226}Ra ." USAEC rpt. 472-115, pp. 63-65, 1968.
35. Goldman, M., et al. "Radiation-Induced neoplasms in Beagles after administrations of ^{90}Sr and ^{226}Ra ." in Symposium on Radiation Induced Cancer. Athen, (1969) : 345-359.
36. Looney, W.B. "Late Effects (25 to 40 Years) of the Early Medical and Industrial Use of Radioactive Materials." J. Bone & Joint Surg. 37A (1955) : 1187-1189; 38A (1956) : 175-218 and 392-406.
37. Finkel, M.P., Biskis, B.O. and Jinkins, P.B. "Toxicity of Radium-226 in mice." in Symposium on Radiation Induced Cancer. Athen, (1969) : 369-391.
38. Schoeters, G.E.R., et al. "Sparing of bone marrow cells by Long-term administration of Na-alginate to ^{226}Ra contaminated mice." Int. J. Radiat. Biol. Relat. Stud. Phys., Chem. Med. 36(4), (1979) : 379-386.
39. Wilson, F.D., Munn, S. and Stitzel, K. "Effects of Continuous irradiation by ^{226}Ra and ^{90}Sr on hematopoiesis." UCD-472-125, pp. 149-159. Calif. Univ, Davis, U.S.A., 1979.
40. Shapiro, J. in Radiation Protection. A Guide for Scientists and Physicians. pp. 149, Harvard University Press, Massachusetts, 1972.



41. Fisher, G.L., et al. "Chemical quantitative of the tapetum lucidum with application to ^{226}Ra dosimetry of the Canine eye." in Health effects of Plutonium and radium. (Webster, S.S.ed.) Univ. of Utah Press, Salt Lake City, 1976.
42. Taylor, G.N., et al. "Radium Induced Eye Melanomas in Dogs." Radiat. Res. 51(1972): 361-373.
43. Hosein, A.H. and Chang, T.H. "Effects of Ra-226 and Sr-90 on the Beagle Eye." UCD-472-116, pp. 53-56, 1969.
44. Stover, B.J., Atherton, D.R. and Mays, C.W. "Studies of the retention and distribution of ^{226}Ra , ^{239}Pu , ^{228}Ra , (MsTh_1), ^{228}Th , (RdTh), and ^{90}Sr in adult Beagles." in Some aspects of internal irradiation. (Dougherty, T.F., et al.eds.) pp. 7-25. Pergamon Press, Oxford, 1962.
45. Prased, K.N in Human radiation biology. pp. 307. Harper and Row Publishers Inc., Marryland, 1974.
46. Shapiro, J. in Radiation Protection. A Guide..., pp. 279.
47. Muth, H., et al. "The normal Radium content and the $^{226}\text{Ra}/\text{Ca}$ ratio of various foods, drinking water and different organs and tissues of the Human Body." Health Phys. 2(1960) : 239.

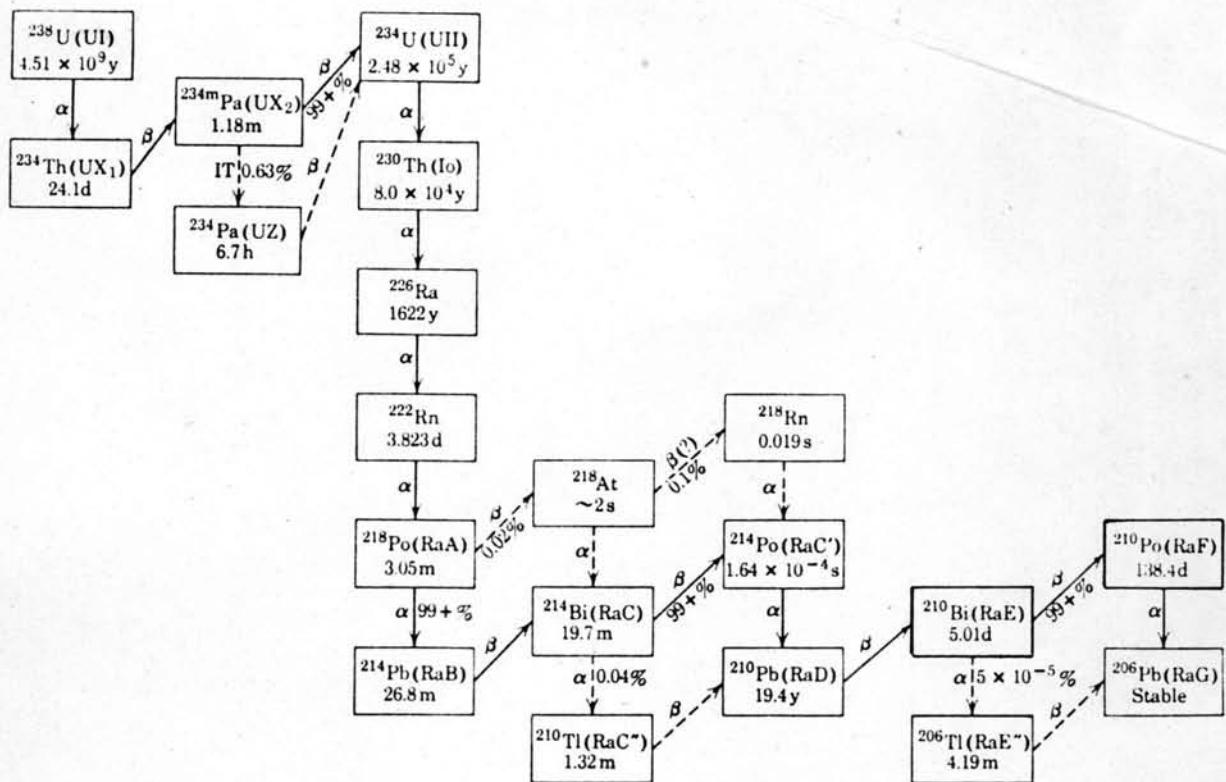
48. White, K.E. "Hydrological Studies Possible with Radio-nuclides of Bomb-Test, Primodial and Natural Origin to Complement Investigations. Using Manufactured Radiotracers." Journal of the Institute of Water Pollution Control. 80(4), 1981
49. Starik, I.E., et al. "Natural Radioactivity of the waters and sediments in the Black sea and the sea of Azov." appeared in Radioactive Contamination of the sea. (Miller, C.G.ed.) pp. 10, 1966. (Eng. trans. Kaner, N., and JPRS Staff, Israel Program for Scientific Translations Ltd.) Orig. Radioaktivnaya Zagryaznenost morei i okeanov (in Russian) (Baranov, V.I. and Khitrov, L.M. eds.) 1964.
50. Fisenne, I.M. and Keller, H.W. "Ra-226 in the Diet in three United States Cities." USAEC Report HASL-207, pp. 1-2, New York, 1969.
51. Jawarowski, Z., Bilkiewicz, J. and Zylicz, E. "Ra-226 in Contemporary and Fossil Snow." Health Phys. 20 (1971) : 449-450.
52. De Bortoli, M. and Gaglione, P. "Ra-226 in Environmental Materials and Foods." Health Phys. 22 (1972) : 43-48.
53. Kobal, I., et al. "Sorption-Emanation Method for Soluble Radium in Waters." Health Phys. 27 (1974) : 381-384.

54. Moore, W.S. and Cook, L.M. "Radium Removal from Drinking Water." Nature. 253 (24 January 1975) : 262-263.
55. Kwapulinski, J., Lukasik, K. and Soltysiak, G. "Concentration of ²²⁶Ra in surface waters of Katowice and Bielsko Districts" Environment Protection Engineering. 5(1), (1979) : 67-72.
56. Sedlacek, J., Sebesta, F. and Benes, P. "Scintillation Emanometric Determination of Radium-226 in waters using a new method of Radium preconcentration." Journal of Radioanalytical Chemistry. 59 (1), (1980) : 45-53.
57. ชนิชรา กมลรัตน์ "การพัฒนาวิธีทางเคมีเคราะห์สำหรับเรเดียม-226 โดยวิธีการตอกตะกอน" วิทยานิพนธ์ปริญญามหาบัณฑิต ภาควิชา-นิวเคลียร์เทคโนโลยี บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย 2523
58. Savic, P. and Cojeticanin, D.N. Bull Inst. Nucl. Sci. 4 (1954) : 21.
59. Sato, T.R., et al. Anal. Chem. 27 (1955) : 521.
60. Adloff, J.R. and Bertrand, R. J. Electroanal. Chem. 5 (1963) : 461.
61. Birk, F.T. UK. At. Energy Authority Rept. AERE C/R 2474 (1959).

62. Brandao, F.A.G.A., et al. "The Employment of Liquid Emulsion for the Estimation of Uranium from Radioactive Minerals" Proc. Intern. Conf. Peaceful Uses At. Energy, Geneva, 1955. pp. 274. International Atomic Energy Agency, Vienna, 1956.
63. Petrascon, M. and Besliu, C. "A Method for the Measuring of Thorium and Uranium using Nuclear Emulsions." Proc. Intern. Conf. Peaceful..., pp. 273.
64. Debeauvais-Wack, M. Intern. J. Appl. Radiation Isotopes. 13 (1962) : 483.
65. Rutherford, E., et al. in Radiation from Radioactive Substances. Chap. 6 Cambridge Univ. Press, London, 1930.
66. Mann, W.B. J. Res. Natl. Bur. Std. 53 (1954) : 277.
67. United States Environmental Protection Agency. Tentative Reference Method for the Measurement of Gross Alpha and Gross Beta Radioactivities in Environmental Waters. National Environmental Research Center. Las Vegas, Nevada, 1975.
68. Gregory, L.P. "Radioactivity of Potable Waters Nation-wide survey" Report No. NRL 1980/4, National Radiation Laboratory, Christchurch, New Zealand, 1980.

69. Paschoa, A.S., et al. "Ra-226 concentration in the hydrographic basins near Uranium mining and milling in Brazil." in Low-Level Radioactive..., pp. 337-350.
70. Gregory, L.P. "The Determination of Strontium-90, Radium-226 and Lead-210 in Human Bone." Report No. NRL-RM/4, National Radiation Laboratory, Christchurch, New Zealand, 1974.

ภาครพนวน



อนุกรมยูเรเนียม - โลเดียม

ประวัติ

นางสาวบุญสุสม พรเทพเกณลันท์ สำเร็จปริญญาวิทยาศาสตร์บัณฑิต
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เพื่อสังคม กระทรวงวิทยาศาสตร์ เทคโนโลยีและการพลังงาน

