

СПИСЪК С НАУЧНИ ПУБЛИКАЦИИ*

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I. Публикации в индексирани (IF) международни издания

I. 1. Самостоятелни:

1. **Pressyanov D.** (2013) Use of polycarbonate materials of high radon absorption ability for measuring radon. *Rom J. Phys.* **58**, p. S221.
2. **Pressyanov D.** (2012) Retrospective measurements of thoron and radon by CDs/DVDs: a model approach. *Radiat. Prot. Dosim.* **149**, p. 141.
3. **Pressyanov D.** (2011) Modeling response of radon track detectors with solid absorbers as radiators. *Radiat. Meas.* **46**, p. 357.
4. **Pressyanov D.** (2010) Radon research and practice in Bulgaria-from retrospective measurements to mitigation. *Nukleonika* **55**, p. 477.
5. **Pressyanov D.** (2009) Modeling a ^{222}Rn measurement technique based on absorption in polycarbonates and track-etch counting. *Health Phys.* **97**, p. 604.
6. **Pressyanov D.** (2008) Radon progeny distribution in cylindrical diffusion chambers. *Nucl. Instrum. Methods Phys. Res. A* **596**, p. 246.
7. **Pressyanov D.** (2002) Short solution of the radioactive decay chain equations. *Am. J. Phys.* **70**, p. 444.
8. **Pressyanov D. S.** (1997) Integrated measurements of ^{218}Po , ^{214}Pb and $^{214}\text{Bi}+^{214}\text{Po}$ in air under environmental concentrations *Nucl. Instrum. Methods Phys. Res. A* **397**, p. 448.
9. **Pressyanov D. S.** (1997) Integrated measurements of ^{218}Po , ^{214}Pb and $^{214}\text{Bi}+^{214}\text{Po}$ in air under environmental concentrations - mathematical supplement *Nucl. Instrum. Methods Phys. Res. A* **397**, p. 455.
10. **Pressyanov D. S.** (1995) Integrated measurements of ^{212}Pb and ^{212}Bi in the air by rotating filters. *Health Phys.* **68**, p. 261.
11. **Pressyanov D. S.** (1992) General expressions for determination of ^{222}Rn and ^{220}Rn daughters in air. *C. R. de l'Acad. bulg. des Sciences* **45**(4), p. 21.

12. **Pressyanov D. S.** (1991) Skin dose for workers in uranium milling. *Radiat. Prot. Dosim.* 38, p. 315.

I. 2. Водещ автор:

13. **Pressyanov D., Foerster E., Georgiev S., Dimitrova I., Mitev K.** (2013) Traceability of CDs/DVDs used as retrospective ^{222}Rn detectors to reference STAR laboratory *Radiat. Meas.* (in press).
14. **Pressyanov D., Georgiev S., Dimitrova I., Mitev K.** (2013) Experimental study of the response of radon track detectors with sold absorbers as radiators. *Radiat. Meas.* 50, p. 141.
15. **Pressyanov D., Dimitrova I., Georgiev S., Mitev K.** (2013) Pilot experiments on retrospective thoron measurements by CDs/DVDs. *Radiat. Meas.* 50, p. 218.
16. **Pressyanov D., Mitev K., Dimitrova I., Georgiev S.** (2013) Using radon progeny measurements in pre- and post-mitigation radon diagnostic in buildings. *Radiat. Prot. Dosim.* (submitted).
17. **Georgiev S. (докторант), Mitev K., Pressyanov D., Dimitrova I., Boshkova T.** (2012) Numerical modeling of the activity concentration measurements of beta-radioactive noble gases by absorption in polycarbonates and external beta-counting. *Radiat. Meas.* 47, p. 303.
18. **Pressyanov D., Georgiev S., Dimitrova I., Mitev K., Boshkova T.** (2011) Determination of the diffusion coefficient and solubility of radon in plastics. *Radiat. Prot. Dosim.* 145, p. 123.
19. **Dimitrova I. (докторант), Pressyanov D., Georgiev S., Yankov P.** (2011) Logistic of surveys of retrospective radon concentrations by home stored CDs/DVDs. *Radiat. Prot. Dosim.* 145, p. 300.
20. **Pressyanov D., Mitev K., Georgiev S., Dimitrova I.** (2011) Solubility of krypton, xenon and radon in polycarbonates. Application for measurement of their radioactive isotopes. *Nucl. Instrum. Methods Phys. Res. A* 629, p. 323.
21. **Dimitrova I. (докторант), Mitev K., Pressyanov D., Georgiev S., Boshkova T.** (2010) Measurement of ^{222}Rn and ^{226}Ra in water by absorption of radon in polycarbonates and etching alpha-tracks. *Radiat. Meas.* 46, p. 119.
22. **Pressyanov D., Mitev K., Georgiev S., Dimitrova I.** (2010) Radon mapping by retrospective measurements – an approach based on CDs/DVDs. *J. Environ. Radioact.* 101, p. 821.

23. **Pressyanov D., Mitev K., Georgiev S., Dimitrova I.** (2009) Sorption and desorption of radioactive noble gases in polycarbonates. *Nucl. Instrum. Methods Phys. Res. A* **598**, p. 620.
24. **Pressyanov D., Dimitrova I., Georgiev S., Hristova E., Mitev K.** (2007) Measurement of radon-222 in water by absorption in Makrofol. *Nucl. Instrum. Methods Phys. Res. A* **574**, p. 202.
25. **Pressyanov D. S., Mitev K. K., Stefanov V. H.** (2004) Measurements of ^{85}Kr and ^{133}Xe by absorption in Makrofol. *Nucl. Instrum. Methods Phys. Res. A* **527**, p. 657.
26. **Pressyanov D., Buysse J., Poffijn A., Van Deynse A., Meesen G.** (2004) Integrated measurements of ^{222}Rn by absorption in Makrofol. *Nucl. Instrum. Methods Phys. Res. A* **516**, p. 203.
27. **Pressyanov D., Buysse J., Poffijn A., Meesen G., Van Deynse A.** (2003) The compact disk as radon detector-a laboratory study of the method. *Health Phys.* **84**, p. 642.
28. **Pressyanov D., Buysse J., Van Deynse A., Poffijn A., Meesen G.** (2001) Indoor radon detected by compact discs. *Nucl. Instrum. Methods Phys. Res. A* **457**, p. 665.
29. **Pressyanov D., Poffijn A., Meesen G., Van Deynse A., Buysse J.** (2001) Short-lived alpha sources of energies 6.0 MeV and 7.69 MeV for calibration purposes. *Radiat. Prot. Dosim.* **94**, p. 281.
30. **Pressyanov D., Buysse J., Poffijn A., Meesen G., Van Deynse A.** (2000) Polycarbonates: a long-term highly sensitive radon monitor. *Nucl. Instrum. Methods Phys. Res. A* **447**, p. 619.
31. **Pressyanov D., Minev L., Uzunov P., Danon S., Valerianova Z.** (1999) Excess lung cancer incidence and radon indoors in a Bulgarian town. *J. Epid. & Commun. Health* **53**, p. 448.
32. **Pressyanov D., Rusinov I., Simeonov G.** (1999) Radon progeny deposition in track-detection diffusion chambers. *Nucl. Instrum. Methods Phys. Res. A* **435**, p. 509.
33. **Pressyanov D. S., Guelev M. G., Pentchev O. J., Kritidis P. P.** (1996) Statistical precision of integrated measurements of ^{222}Rn and ^{220}Rn decay products in the air by a rotating filter device. *Environ. Int.* **22**, p. S607.

34. **Pressyanov D. S., Guelev M. G., Klein D., Kritidis P. P.** (1996) Measurement of ^{222}Rn in soil gas by combination of thermoluminescent and solid-state nuclear track detectors. *Environ. Int.* **22**, p. S491.
35. **Pressyanov D. S., Guelev M. G., Sharkov B. G.** (1995) Radon and radon progeny outdoors in a valley with enhanced natural radioactivity. *Atmos. Environment* **29**, p. 3433.
36. **Pressyanov D. S., Guelev M. G., Pentchev O. J.** (1993) Integrated measurements of short-lived ^{222}Rn progeny by rotating filters. *Health Phys.* **64**, p. 522.
37. **Pressyanov D. S., Uzunov I. P., Kritidis P. P.** (1993) Optimization of the counting time for the determination of ^{222}Rn daughters. *Nucl. Instrum. Methods Phys. Res. A* **326**, p. 613.

I. 3. Неводещ автор:

38. **Mitev K., Dimitrova I., Zhivkova V., Georgiev S., Gerganov G., Pressyanov D., Boshkova T.** (2012) Measurement of Rn-222 in water by absorption in polycarbonates and liquid scintillation counting. *Nucl. Instrum. Methods Phys. Res. Sect. A* **677**, p. 31.
39. **Mitev K., Zhivkova V., Pressyanov D. et al.** (2013) Liquid scintillation counting of polycarbonates: A sensitive technique for measurement of activity concentration of some radioactive noble gases *Appl. Radiat. Isot.* (submitted).
40. **Mitev K., Georgiev S., Pressyanov D. et al.** (2013) A high sensitivity method for measurement of radon-222 based on liquid scintillation counting of polycarbonate powder. *Radiat. Prot. Dosim.* (submitted).
41. **Mitev K., Madzhunkov Y., Gerganov G., Dimitrova I., Georgiev S., Pressyanov D.** (2010) Automatic counting of electrochemically etched tracks in compact discs. Application to retrospective measurements of Rn-222. *IEEE Trans. Nucl. Sci.* **57**, p. 300.
42. **Mitev K., Pressyanov D., Dimitrova I., Georgiev S., Boshkova T., Zhivkova V.** (2009) Measurement of krypton-85 in water by absorption in polycarbonates. *Nucl. Instrum. Methods Phys. Res. A* **603**, p. 491.
43. **Tsankov L., Pressyanov D., Mitev K., Georgiev S., Dimitrova I.** (2005) Automatic counting of chemically etched tracks by means of a computer scanner. *Radiat. Meas.* **39**, p. 557.

- 44.** Picolo J. L., Pressyanov D., Blanchis P., Michielsen N., Grassin D., Voisin V., Turek K. (2000) A radon-222 metrological chain from primary standard to field detectors. Appl. Radiat. & Isot. 52, p. 427.
- 45.** Popov P. C., Pressyanov D. S. (1997) Track density assessment by obstructed total internal reflection of a laser beam. Radiat. Meas. 27, p. 27.
- 46.** Boshkova T., Minev L., Uzunov P., Pressyanov D., Konstantinov V. (1997) Assessment of the activity incorporated in the human body by means of HPGe detector. Physica Medica XIII Suppl. 1, p. 378.
- 47.** Michaylov M. A., Pressyanov D. S., Kalinov K. B. (1995) Bronchial dysplasia induced by radiation in miners exposed to ^{222}Rn progeny. Occup. & Envir. Medicine 52, p. 82.

II. Публикации в издания индексирани със SJR

- 48.** Mitev K., Pressyanov D., Zhivkova V. New sensitive technique for measurement of krypton-85 based on absorption in polycarbonates and liquid scintillation counting. 2009 IEEE -NSS Record: N25-53, p. 1363.
- 49.** Georgiev S., Mitev K., Pressyanov D., Boshkova T., Dimitrova I. Measurement of ^{133}Xe in air by absorption in polycarbonates – detection limits and potential applications. IEEE-NSS Record: NP1.M-85 (2011).
- 50.** Dimitrova I., Mitev K., Zhivkova V., Georgiev S., Pressyanov D. Measurements of Rn-222 in water by liquid scintillation counting of polycarbonates. IEEE-NSS Record: NP1.M-3 (2011).
- 51.** Mitev K., Madzhunkov Y., Gerganov G., Dimitrova I., Georgiev S., Pressyanov D. An algorithm of automatic counting of electrochemically etched tracks in compact disks used for retrospective measurements of Rn-222. IEEE-NSS, pp. 827-832 (2008).
- 52.** Pressyanov D. (2013) Measuring Radioactive Noble Gases by Absorption in Polycarbonates and Other Organics: From Radon Indoors to Nuclear Safety. AIP Conf. Proc., 1544, p. 130.
- 53.** Pressyanov D., Guelev M., Karadjov A. (1992) Absorbed dose measurements in the beta- gamma radiation field in “Metalurg” uranium milling plant - Bouchovo. Rentgenology and Radiology XXXI (4), p. 41.
- 54.** Пресиянов Д., Данон Ш., Валерианова З. (2000) Концентрации на ^{222}Rn в жилища в гр. Раковски и потенциалният им принос за повишената заболяемост от белодробен рак. Рентгенология и радиология XXXIX, p. 209.

III. Монографии и книги

55. **Pressyanov D.** (2012) *Radon and Radon Progeny: Methodological Points and Case Studies*. Lambert Academic Publishing GmbH & Co. KG, Saarbruecken, Germany. ISBN: 978-3-8484-8604-5 (*monograph, 136 pages*).
56. **Pressyanov D., Mitev K., Dimitrova I., Georgiev S.** (2012) Retrospective radon measurements: techniques and perspectives. **Chapter 4 IN: Handbook on Radon: Properties, Measurements and Health Effects**. Nova Science Publishers, Inc., New York, ISBN: 978-1-62100-369-4.
57. **Pressyanov D.** (2010) Nuclear tracks in polycarbonates with high radon absorption ability: Opportunities for measuring ^{222}Rn . **Chapter 4 IN: Nuclear Track Detectors: Design, Methods and Applications**. Nova Science Publishers, Inc., New York, ISBN: 978-1-60876-826-4.
58. **Akiba S.,, Pressyanov D. et al.** (102 authors) (2009) WHO handbook on indoor radon: A public health perspective. WHO, Geneva (contribution to Chapter 2: Radon measurements, pp. 21-40).
59. **Cunningham E., Konsta A., Chasseau D., Demuinck C., Pressyanov D., Sosnowska I.** (2002) Network opportunities for specialization in physics. **Book-series: Inquires into European Higher Education in Physics; IN: [A]Scent of/for Physics**, vol. 6, pp. 55-67, Gent, Belgium.

IV. Дисертации

60. **Пресиянов Д.** (1993) Кумулативни измервания на дъщерни продукти на ^{222}Rn и на външното бета облъчване от $^{234\text{m}}\text{Ra}$. Дисертация за научна степен «доктор» /към датата на защита: «кандидат на физическите науки»/.
61. **Пресиянов Д.** (2013) Радиологични проблеми свързани с радона и нови методи за тяхното изследване. Дисертация за научна степен “доктор на науките”.

V. Неиндексирани списания

62. **Пресиянов Д.** Радоновият проблем. *Наука XXI(4) (2011) 16-20.*
63. **Georgiev S., Pressyanov D., Mitev K., Dimitrova I.** (2008) Calibration of Diffusion Chambers for Measuring ^{222}Rn in Air. *BgNS Trans. 12(1)*, p.3.

64. Dimitrova I., Mitev K., Pressyanov D., Georgiev S. (2008) Desorption of ^{222}Rn from Polycarbonate Samples. BgNS Trans. 12(1), p.33.
65. Пресиянов Д. (2004) Облъчването от радон в жилищата-състояние на проблема. Минно дело и геология LIX (6), с. 31.
66. Dimitrov M., Pressyanov D. (1997) Internal exposure to ^{222}Rn progeny in Bulgarian uranium mines in 1958-1989. BgNS Trans. 3 (1), p. 44 /in Bulgarian/.
67. Pressyanov D., Dimitrov M. (1997) Internal exposure to ^{222}Rn progeny in Bourgas Cooper Mines in 1962-1990. BgNS Trans. 3 (1), p. 39 /in Bulgarian/.
68. Petrova P., Pressyanov D., Tzenov T., Markov E. (1996) Radioecological characteristic of antropogenically affected forest ecosystems in Rodopa mountain. Bulg. J. Forest Science XXXIII (2), p. 17 /in Bulgarian/.
69. Pressyanov D. S. (1995) Determining the specific alpha activity of saturated layer samples. Ann. de l'Univ. de Sofia 87, p. 39 /in Bulgarian/.
70. Pressyanov D. S. (1993) Determination of the time-integrated concentrations of ^{222}Rn -daughters in air by series of instantaneous measurements. Ann. de l'Univ. de Sofia 85, p. 69 /in Bulgarian/.
71. Pressyanov D. S. (1992) Problems at determining the error at measuring radon daughter products. Standardisation, certification and Metrology XLIII (3), p.26 /in Bulgarian/.

VI. Сборници в пълен текст

72. Pressyanov D. (2007) The compact disk as a retrospective radon detector – performance of the method. Proc. 17th AARST International Radon Symposium, Jacksonville, Florida, 9-12.09.2007.
73. Pressyanov D., Dimitrova I., Georgiev S., Mitev K. (2008) Measurement of ^{222}Rn by absorption in polycarbonates – research and practice. Proc. 18th AARST International Radon Symposium, Las Vegas NV, 14-17 September 2008.
74. Димитрова И., Георгиев С., Митеv К., Пресиянов Д. (2009) Калибриране на компакт дискове за измервания на радон-222 във въздух. В сб. XIX-ти национален научен симпозиум с международно участие “Метрология и метрологично осигуряване ‘2009”, Созопол, с. 347.

75. Георгиев С., Димитрова И., Пресиянов Д., Митев К. (2009) Измервания на радон-222 в жилища и в почвен газ с поликарбонатен метод. В сб. XIX-ти национален научен симпозиум с международно участие “Метрология и метрологично осигуряване ‘2009”, Созопол, с. 341.
76. Dimitrova I., Georgiev S., Mitev K., Boshkova T., Pressyanov D. Correction for finite sample volume in ^{222}Rn in water measurements by absorption in polycarbonates. *Proc. 20th Symp. on Metrology and Metrological Assurance*, September 2010, Sozopol, Bulgaria, p. 254.
77. Georgiev S., Dimitrova I., Boshkova T., Mitev K., Pressyanov D. Determination of the efficiency for registration of alpha-particles of the experimental set-up for gross beta-counting UMF-1500. *Proc. 20th Symp. on Metrology and Metrological Assurance*, September 2010, Sozopol, Bulgaria, p. 283.
78. Pressyanov D., Dimitrova I., Georgiev S., Mitev K. Radon survey based on home stored CDs/DVDs. *Proc. 3rd European IRPA Congress*, 14-18 June 2010, Helsinki, Finland.
79. Пресиянов Д. Радоновият проблем – предизвикателство и за физиката. Сб. XXXIX нац. конф. по въпросите на обучението по физика “Атомната и ядрената физика в образованието”, София, 7 – 10 април 2011, стр. 40-46.
80. Георгиев С., Митев К., Пресиянов Д., Герганов Г., Димитрова И. Компютърен код за прецизно пресмятане на активността и дълбочинното разпределение на радиоактивни благородни газове абсорбиращи в поликарбонати. Сб. XXI национален научен симпозиум с международно участие "Метрология и метрологично осигуряване 2011" - Созопол 10-14.09.2011, сс. 278-283.
81. Vapirev E., ..., Pressyanov D. et al. (1993) Radioactive sites in Bulgaria contaminated with radium and uranium. *Proc. CEC Int. Symp. on remediation and restoration of radioactive-contaminated sites in Europe*. Antwerpen, 11-15 Oct. 1993, Doc. XI-5027/94, p. 929.
82. Vapirev E.....Pressyanov D. et al. (1996) Radioactively contaminated sites in Bulgaria. *Proc. IAEA first workshop on Environmental restoration for Central and Eastern Europe. IAEA-TECDOC-865*, vol. 1, p. 43
83. Radicheva M., Pressyanov D. et al. (1995) Determination of total alpha- and beta activities of environmental samples and the gamma-background of technologically polluted by uranium industry areas. *Proc. XXIV Annual meeting of ESNA*, p. 11.
84. Dimitrov M., Tosev I., Pressyanov D. (1990) An estimation of air-contamination with radon and radon progeny in some regions of the

- country. *Proc. 12th colloquium “Physics in the human and environmental safety”*, p. 135 /in Bulgarian/.
85. **Pressyanov D. S.** et al. (1991) In-situ leaching of uranium and radioactive contamination of ground waters near the technological installations. *Proc. 13th colloquium “Physics in the human and environmental safety”*, p. 77 /in Bulgarian/.
86. **Petrova R., Pressyanov D., Nickolov P.** (1994) Biological accumulation of radium into vegetation on waste-pips from uranium ore mining. *Proc. of a iubileum symp. 100 years from birthday of the Acad. B. Stefanov*, p. 250 /in Bulgarian/
87. **Boshkova T., Minev L., Teofilov S., Pressyanov D., Aleksieva A., Uzunov P.** (1996) Concentration of Caesium -137 in samples from the south Black-sea shore. *In “What remained after Chernobyl”* - a booklet of the BgNS, p. 44 /in Bulgarian/.
88. **Nikolov P.,..., Pressyanov D. et al.** (1993) Initial study for biological recultivation of technologically polluted areas in the region of mining factory “Drujba” - village of Eleshnitsa. *INRNE Annual Report*, p. 146.
89. **Пресиянов Д.** (1989) Сравнителен анализ на някои методи за измерване на дъщерни продукти на радона. *Конф. “Метрологично осигуряване на атомната енергетика – Енергетика’89”, ЦТБ-НД 3253/89*.
90. **Пресиянов Д.** (1989) Радиоиндикаторен метод за технологичен контрол на съдържанието на лантан. *Младежки НТ симпозиум “Технологии за получаване и производство на нови материали и сировини”, ЦТБ-НД 3898/89*.
91. **Pressyanov D., Guelev M., Klein D., Kritidis P.** (1995) Observatoire de Montagne de Moussala. *OM2*, S, vol. 3, pp. 5-7.
92. **Pressyanov D., Van Deynse A., Buysse J., Poffijn A., Meesen G.** (1999) Polycarbonates: a new retrospective radon monitor. *Proc. Conf. IRPA’99, Budapest, 23-27 August 1999*, p. 716.
93. Izmirova N., Aleksiev B., Djourova E., Blagoeva P., Gendgev Z., Mircheva Tz., **Pressyanov D.**, Minchev L., Bozhkova T., Uzunov P., Tomova I., Baeva M., Boyanova A., Todorov T., Petrova R. (2001) Clinoptilolite and the possibilities for its application in medicine. *Proceedings of the 13th International Zeolite Conference, Montpellier, France, 8-13 July, 2001*.
94. **Пресиянов Д., Митев К., Стефанов В., Станчев Н., Станчева В.** (2003) Метод на референтния обем за реализация на вторичен газов еталон за

предаване на единицата активност на радиоактивни благородни газове. *Сб. докл. XIII нац. симп. „Метрология и метрологично осигуряване 2003”*, стр. 76, Созопол, 16-20. 09. 2003 г.

95. **Пресиянов Д.**, Димитров Д. (2012) Радон в жилищни сгради. Методи за откриване и решаване на проблема. *Сб. XII Международна научна конференция ВСУ 2012.*
96. **Пресиянов Д.**, (2013) Проблемът радон - методи за неговото изследване и решаване. *Сб. материали II нац. конгр. физ. науки.*

VII. Патенти

97. **Pressyanov D. S.** (1989) Method for controlling the concentration of lanthanum in technological solutions in the hydrometallurgical extraction of rare earths. *Bulg. Patent 48 264.*
98. **Pressyanov D. S., Guelev M. G., Pentchev O. J.** (1993) Apparatus for measuring the time-integrated volume specific activities of radon and thoron daughters in the air. *Bulgarian Patent 49984; United States Patent 5,225,673. German Patent 42 00 187.*
99. Измирова Н.А., Стоянов Б. А., Джурова Е.Г., Благоева П.М., Томова И.И., Буряк Г.С., Божикова, Р.Б., Бошкова Т.А., Минев Л.А., **Пресиянов Д. С.**, Желева Ж.А., Узунов П.И., Мирчева Ц.Й., Мирчева В. В., Мирчев Н.И., Атанасов М.Б., Кайурдов В.В. (2001) *Средство за профилактика и лечение на заболявания на гастроинтестиналния тракт.* Патент за полезен модел №478.

VIII. Учебни помагала

100. **Пресиянов Д.** (2013) Увод в дозиметрията на йонизиращи лъчения. ISBN: 978-954-9381-25-2 (учебник, приет за печат).
101. **Pressyanov D., Pavlova P.** (1999) Radiation protection and hospital safety. *Found. Physics, Engineering, Medicine XXI*, Plovdiv (сборник лекционни записки).

IX. Изнесени доклади и постери само с абстракт

102. **Pressyanov D., Buysse J., Mitev K., Borisova R., Poffijn A.** (2004) Radioactive noble gases, new methods for measurement and new challenges for metrology. Proc. Int. Symp. of Nuclear Metrology, Albena, Bulgaria, 27-30 Sep. 2004.

103. **Пресиянов Д.** (1988) Метод за определяне на дъщерни продукти на радона във въздух чрез разлагане по базисни криви. Сб. Рез. V Нац. Конф. Биомед. Физ. Техн., с. 119.
104. **Пресиянов Д.** (1989) Сравнителен анализ на неспектрометрични методи за измерване на дъщерни продукти на радона. I-ва Нац. Конф. По метрология в ядрената енергетика, с. 24.
105. **Pressyanov D., Danon Sh., Valerianova Z.** (2002) Radon indoors in a Bulgarian town with increased lung cancer incidence. Proc. Stakeholders' Conf. on Approaches to the Management of Environmental Radioactivity. Luxembourg 2-3. 12. 2002.
106. **Pressyanov D.** Recent radon experience in Bulgaria – from retrospective measurements to mitigation. *Proc. 1st International Conference "Radon in Environment"*, Zakopane 10-14 May 2009. Report No. 2028/AP, p.34.
107. **Pressyanov D., Georgiev S., Mitev K., Dimitrova I.** (2008) Measuring radon in air, water and soil-gas by absorption in polycarbonates. 33rd International Geological Congress, Oslo 6-14 August 2008, Record at EGG-03/GAARM 9.
108. **Popov P., Pressyanov D., Ogoyski A.** (1996) Rapid track density determination of SSNTD by frustration of internal reflection of laser beam. Trans. Black Sea Region Symp. On Applied Electromagnetism, Hellas, Greece. ISBN: 0-7803-3763-8, p. OPSY_14.
109. **Димитров М., Пресиянов Д.** (1993) Вътрешно облъчване от дъщерни продукти на радон-222 в Българските уранови рудници през периода 1956-1990 г., Юбилейна конф: "Радиационна защита на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 53.
110. **Пресиянов Д., Гелев М.** (1993) Радиологичен риск от инхиалиране на дъщерни продукти на радон-222 за населението на с. Елешница. Юбилейна конф: "Радиационна защита на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 100.
111. **Пресиянов Д., Гелев М.** (1993) Термолуминесцентен метод за определяне на радон в почвен газ. Юбилейна конф: "Радиационна защита на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 101.
112. **Пресиянов Д., Гелев М., Пенчев О., Узунов И., Критидис П.** (1993) Методични изследвания и разработки относно измервания на дъщерни продукти на ^{222}Rn и ^{220}Rn . Юбилейна конф: "Радиационна защита

на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 102.

113. **Пресиянов Д., Димитров М.** (1993) Вътрешно облъчване от дъщерни продукти на радон-222 в някои български полиметални рудници през периода 1962-1993 г. Юбилейна конф: “Радиационна защита на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 103.
114. **Пресиянов Д., Узунов И.** (1993) Възможни подходи за мониторинг на ^{222}Rn в жилищни и обществени сгради в страната. Юбилейна конф: “Радиационна защита на българското население. Задачи, проблеми, перспективи. София, ВМА 2-3.12.1993 г., абстр. № 104.
115. **Pressyanov D.** (2012) Retrospective radon and thoron measurements by home stored CDs/DVDs-research and practice. RAD2012: The First International Conference on Radiation and Dosimetry in Various Fields of Research. April 25-27, 2012, Nis, Serbia, p. 28.
116. **Pressyanov D.** (2002) The risk from ionizing radiation: what are the challenges for physics. Inst. Subatom. Radiat. Phys. seminars, University of Ghent, Belgium.
117. **Boshkova T., Minev L., Konstantinov V., Pressyanov D.** (1996) *Assessment of the activity incorporated in the human body by means of a HPGe detector. IX Congr. AIFB-EFOMP Medical Physics'96-Eutech'96, Trieste, Italy, 2-6 Sept. 1996, abstracted in Physica Medica, XII (3), P. 172.*
118. **Minev L., Boshkova T., Uzunov P., Pressyanov D.** (1996) *Whole-body detector calibration by a modular phantom. Ibid., p. 185.*
119. **Pressyanov D.** (2012) Reducing risk from radon exposure – an integrated approach. Proc. VIth Eur. Conf. on Medical Physics and Engineering (invited lecture), October (2012).
120. **Pressyanov D., Dimitrov D., Dimitrova I.** (2013) Using CDs/DVDs to study past changes in radon concentration. VII th Int Conf. Protection against Radon at Home and Work, Prague 2-6 Sep. 2013.

***Забележка:**

- Публикации (в пълен текст), които не са включени в предишни дисертации или конкурси за академични длъжности на кандидата са с номера: **1, 13, 16, 17, 25, 38, 39, 40, 41, 42, 48, 49, 50, 51, 52, 58, 59, 93, 95, 96, 99, 100.**
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