

База данни за научната дейност на Софийски университет "Св. Климент Охридски"

Начало > Справки > Личен състав > Публикации на автор

Научни приноси на гл. ас. д-р Страхил Георгиев

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Author ID (SCOPUS):36875143000**Researcher ID (Web of Science):**C-3822-2018**ORCID ID:**0000-0001-6530-082X**Глава от книга**

D. Pressyanov, I. Dimitrova, K. Mitev, S. Georgiev, **Retrospective radon measurements: techniques and perspectives. Chapter 4 IN: Handbook on Radon: Properties, Measurements and Health Effects, Editors: Z. Li, C.Feng**, ISBN:978-162100177-5, Nova Science Publishers, Inc, New York, Ref 2012

Дипломна работа

Страхил Бойчев Георгиев, **Измерване на ²²²Rn в жилища и почвен газ, в район засегнат от уранодобивната промишленост**, СУ "Св. Климент Охридски", Физически факултет, Ръководител:Добромир Стефанов Пресиянов 2005

Дисертация д-р

Страхил Бойчев Георгиев, **Ядренофизични методи за изследване на миграцията на радиоактивни благородни газове**, СУ "Св. Климент Охридски", Физически факултет, Ръководител:Добромир Стефанов Пресиянов 2012

Научен проект

- 1 *Страхил Георгиев*, **Проучване и анализ на динамиката на радон в сгради (SPIRAD)**, Член, , Номер на договора:КП-06-Н48/3 2020
- 2 *Страхил Георгиев*, **Корелационни и взаимно-корелационни измервания на бързо цифровизирани импулси – свойства и перспективи за нови подходи за измерване на радиоактивност (TDCX)**, Член, , Номер на договора:КП-06-Н38/9 2019
- 3 *Страхил Георгиев*, **Metrology for radon monitoring (MetroRADON)**, Член, , Номер на договора:(EMPIR) JRP-Contract 16ENV10 2017
- 4 *Страхил Георгиев*, **Изследване на нови полимерни материали и технологии за измерване на радон (POLYRAD)**, Член, , Номер на договора:ДФНИ-Т02/13 2014
- 5 *Страхил Георгиев*, **Изграждане на интердисциплинарни екипи от млади изследователи в областта на фундаменталните и приложни научни изследвания от значение за медицинската практика**, Член, , Номер на договора:BG051PO001-3.3.06-0040 2013
- 6 *Страхил Георгиев*, **Нови Експериментални Методи за Оценка на концентрациите на радиоактивни благородни газове в околната среда и археологически обекти (HEMO)**, Член, , Номер на договора:ДМУ-03/14 2011
- 7 *Страхил Георгиев*, **Разработване на метод за наслагване и анализ на изображения от Компютърна Томография на сърдечна дейност**, Член, ФНИ на СУ, Номер на договора:122/18.04.2011 2011
- 8 *Страхил Георгиев*, **Low Dose Research towards Multidisciplinary Integration, Task 4.10: Laboratory infrastructure for retrospective radon and thoron dosimetry**, Член, , Номер на договора:FP7-No249689 2010
- 9 *Страхил Георгиев*, **Числени методи за подобряване на диагностиката и проследяването на онкологични заболявания в нуклеарната медицина (NUMERICS)**, Член, , Номер на договора:ДДВУ-02/42 2010
- 10 *Страхил Георгиев*, **Автоматизирана лабораторна система за прецизни ретроспективни измервания на радон в жилища и околна среда**, Член, , Номер на договора:ВУФ-08/05 2005

Научно ръководство

- 1 *Страхил Георгиев*, **Изследване на методи за измерване на радон-222 във води**, СУ "Св. Климент Охридски", Физически факултет дипломна работа:Ванеса Евгениева Гергова 2020
- 2 *Страхил Георгиев*, **Валидиране на числен код за оценка на концентрацията на Rn-222 в околната среда чрез измерване на радон, абсорбиран в поликарбонатни гранули**, СУ "Св. Климент 2014

- 3 *Страхил Георгиев, Изследване на метод за определяне на концентрациите на радон-222 в почвен газ чрез абсорбция в поликарбонати и Черенково броене, СУ "Св. Климент Охридски", Физически факултет дипломна работа:Станислав Иванов Койчев* 2013

Статия в научно списание

- 1 *K. Mitev, S. Georgiev, B. Sabot, Approaches for reduction of the temperature bias on radon detectors packed in anti-thoron polymer membranes*, Applied Radiation and Isotopes, vol:177, 2021, pages:109915-0, ISSN (print):0969-8043, ISSN (online):1872-9800, doi:10.1016/j.apradiso.2021.109915, Ref, Web of Science, IF (1.513 - 2020), Web of Science Quartile: Q2 (2021), SCOPUS, SJR (0.483 - 2020), SCOPUS Quartile: Q2 (2021), International 2021
- 2 *K. Mitev, P. Cassette, D. Pressyanov, S. Georgiev, Ch. Dutsov, N. Michielsen, B. Sabot, Methods for the experimental study of 220Rn homogeneity in calibration chambers*, Applied Radiation and Isotopes, vol:165, 2020, pages:109259-0, ISSN (print):0969-8043, ISSN (online):1872-9800, doi:doi.org/10.1016/j.apradiso.2020.109259, Ref, Web of Science, IF (1.513 - 2020), Web of Science Quartile: Q2 (2020), SCOPUS, SJR (0.483 - 2020), SCOPUS Quartile: Q2 (2020), International, PhD 2020
- 3 *R. Merin, A. Tarancon, K. Mitev, S. Georgiev, Ch. Dutsov, H. Bagan, J. F. Garcia, Evaluation of synthesis conditions for plastic scintillation foils used to measure alpha- and beta- emitting radionuclides*, Journal of Radioanalytical and Nuclear Chemistry, vol:319, issue:1, 2019, pages:135-145, ISSN (print):0236-5731, ISSN (online):1588-2780, doi:10.1007/s10967-018-6341-z, Ref, Web of Science, IF (1.137 - 2018), Web of Science Quartile: Q3 (2019), SCOPUS, SJR (0.36 - 2018), SCOPUS Quartile: Q2 (2019), International, PhD 2019
- 4 *D. Pressyanov, I. Dimitrova, K. Mitev, S. Georgiev, D. Dimitrov, Identifying radon priority areas and dwellings with radon exceedances in Bulgaria using stored CD/DVDs.*, Journal of Environmental Radioactivity, vol:196, 2019, pages:274-280, ISSN (print):0265-931X, ISSN (online):1879-1700, doi:10.1016/j.jenvrad.2017.11.022, Ref, Web of Science, IF (2.161 - 2019), Web of Science Quartile: Q3 (2019), SCOPUS, SJR (0.932 - 2019), SCOPUS Quartile: Q1 (2019), PhD 2019
- 5 *S. Georgiev, K. Mitev, Ch. Dutsov, T. Boshkova, I. Dimitrova, Partition Coefficients and Diffusion Lengths of Rn-222 in Some Polymers at Different Temperatures*, International Journal of Environmental Research and Public Health, vol:16, issue:22, 2019, pages:4523-0, ISSN (print):1661-7827, ISSN (online):1660-4601, doi:10.3390/ijerph16224523, Ref, Web of Science, IF (2.849 - 2019), Web of Science Quartile: Q2 (2019), SCOPUS, SJR (0.739 - 2019), SCOPUS Quartile: Q2 (2019), PhD 2019
- 6 *D. Pressyanov, L. Quindos Poncela, S. Georgiev, I. Dimitrova, K. Mitev, C. Sainz, I. Fuente, D. Rabago, Testing and Calibration of CDs as Radon Detectors at Highly Variable Radon Concentrations and Temperatures*, International Journal of Environmental Research and Public Health, vol:16, issue:17, 2019, pages:3038-0, ISSN (print):1661-7827, ISSN (online):1660-4601, doi:10.3390/ijerph16224523, Ref, Web of Science, IF (2.849 - 2019), Web of Science Quartile: Q2 (2019), SCOPUS, SJR (0.739 - 2019), SCOPUS Quartile: Q2 (2019), International 2019
- 7 *K. Mitev, Ch. Dutsov, S. Georgiev, T. Boshkova, D. Pressyanov, Unperturbed, high spatial resolution measurement of Radon-222 in soil-gas depth profile*, Journal of environmental radioactivity, vol:196, 2019, pages:253-258, ISSN (print):0265-931X, ISSN (online):1879-1700, doi:10.1016/j.jenvrad.2018.01.019, Ref, Web of Science, IF (2.161 - 2019), Web of Science Quartile: Q3 (2019), SCOPUS, SJR (0.932 - 2019), SCOPUS Quartile: Q1 (2019), PhD 2019
- 8 *K. Mitev, P. Cassette, I. Tartes, S. Georgiev, I. Dimitrova, D. Pressyanov, Diffusion lengths and partition coefficients of Xe-131m and Kr-85 in Makrofol N and Makrofol DE polycarbonates*, Applied Radiation and Isotopes, vol:134, 2018, pages:269-274, ISSN (print):0969-8043, ISSN (online):1872-9800, doi:10.1016/j.apradiso.2017.07.023, Ref, Web of Science, IF (1.343 - 2018), Web of Science Quartile: Q2 (2018), SCOPUS, SJR (0.543 - 2018), International 2018
- 9 *K. Mitev, S. Georgiev, I. Dimitrova, D. Pressyanov, Radon-222 in soil-gas measurements by compact discs. Comparison to diffusion chamber measurements*, Radiation Protection Dosimetry, vol:181, issue:1, 2018, pages:38-41, ISSN (print):0144-8420, ISSN (online):1742-3406, doi:https://doi.org/10.1093/rpd/ncy099, Ref, Web of Science, IF (0.831 - 2018), Web of Science Quartile: Q4 (2018), SCOPUS, SJR (0.417 - 2018), SCOPUS Quartile: Q3 (2018) 2018
- 10 *D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova, J. Kolev, Laboratory facility to create reference radon plus thoron atmosphere under dynamic exposure conditions*, Journal of Environmental Radioactivity, vol:166, 2017, pages:181-187, ISSN (print):0265-931X, ISSN (online):1879-1700, doi:10.1016/j.jenvrad.2016.03.018, Ref, Web of Science, IF (2.263 - 2017), Web of Science Quartile: Q2 (2017), SCOPUS, SJR (0.989 - 2017), SCOPUS Quartile: Q2 (2017) 2017
- 11 *K. Mitev, Ch. Dutsov, S. Georgiev, L. Tsankov, T. Boshkova, Study of Rn-222 Absorption and Detection Properties of EJ-212 and BC-400 Plastic Scintillators*, IEEE Transactions on Nuclear Science, vol:64, issue:6, 2017, pages:1592-1598, doi:10.1109/TNS.2017.2699041, Ref, Web of Science, IF (1.44 - 2017), Web of Science Quartile: Q1 (2017), SCOPUS, SJR (0.565 - 2017), SCOPUS Quartile: Q2 (2017), MSc 2017
- 12 *E. Pelay, A. Tarancon, K. Mitev, Ch. Dutsov, S. Georgiev, L. Tsankov, J. F. Garcia, Synthesis and characterisation of scintillating microspheres made of polystyrene/polycarbonate for Rn-222 measurements*, Journal of Radioanalytical and Nuclear Chemistry, vol:314, 2017, pages:637-649, ISSN (print):0236-5731, ISSN (online):1588-2780, doi:10.1007/s10967-017-5488-3, Ref, Web of Science, IF (1.181 - 2017), Web of Science Quartile: Q2 (2017), SCOPUS, SJR (0.47 - 2017), SCOPUS Quartile: Q2 (2017), International, MSc 2017

- 13 *K. Mitev, S. Georgiev, I. Dimitrova, D. Pressyanov*, **Application of scintillation counting using polycarbonates to radon measurements**, *Radiation Measurements*, vol:92, 2016, pages:32-38, ISSN (print):1350-4487, doi:10.1016/j.apradiso.2015.11.047, Ref, Web of Science, IF (1.442 - 2016), Web of Science Quartile: Q1 (2016), SCOPUS, SJR (0.536 - 2016), SCOPUS Quartile: Q2 (2016) 2016
- 14 *K. Mitev, P. Cassette, S. Georgiev, I. Dimitrova, B. Sabot, T. Boshkova, I. Tartes, D. Pressyanov*, **Determination of Rn-222 absorption properties of polycarbonate foils by liquid scintillation counting. Application to Rn-222 measurements**, *Applied Radiation and Isotopes*, vol:109, 2016, pages:270-275, ISSN (print):0969-8043, doi:10.1016/j.apradiso.2015.11.047, Ref, Web of Science, IF (1.128 - 2016), Web of Science Quartile: Q3 (2016), SCOPUS, SJR (0.537 - 2016), SCOPUS Quartile: Q2 (2016), International 2016
- 15 *I. Dimitrova, S. Georgiev, D. Pressyanov, B. Sabot, N. Michielsen, S. Bondiguel, K. Mitev*, **Influence of the type of CD case on the track density distribution in CDs exposed to thoron**, *Applied Radiation and Isotopes*, vol:109, 2016, pages:393-396, doi:10.1016/j.apradiso.2015.12.026, Ref, Web of Science, IF (1.128 - 2016), Web of Science Quartile: Q3 (2016), SCOPUS, SJR (0.537 - 2016), SCOPUS Quartile: Q2 (2016), International 2016
- 16 *K. Mitev, I. Dimitrova, A. Tarancon, D. Pressyanov, L. Tsankov, T. Boshkova, S. Georgiev, R. Sekalova, J. F. Garcia*, **Pilot Study of the Application of Plastic Scintillation Microspheres to Rn-222 Detection and Measurement**, *IEEE Transactions on Nuclear Science*, vol:63, issue:2, 2016, pages:1209-1217, doi:10.1109/TNS.2016.2530857, Ref, Web of Science, IF (1.171 - 2016), Web of Science Quartile: Q2 (2016), SCOPUS, SJR (0.566 - 2016), SCOPUS Quartile: Q2 (2016), International, MSc 2016
- 17 *S. Georgiev, I. Dimitrova, D. Pressyanov, K. Mitev*, **Retrospective Rn-220 Measurements by Compact Discs**, *IEEE Transactions on Nuclear Science*, vol:63, issue:1, 2016, pages:333-340, doi:10.1109/TNS.2015.2506404, Ref, Web of Science, IF (1.171 - 2016), Web of Science Quartile: Q2 (2016), SCOPUS, SJR (0.566 - 2016), SCOPUS Quartile: Q2 (2016) 2016
- 18 *D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova*, **Optimization of etching conditions of CDs/DVDs used as detectors for Rn-222**, *Radiation Measurements*, vol:83, issue:SI, 2015, pages:36-40, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2015.05.008, Ref, Web of Science, IF (1.071 - 2015), Web of Science Quartile: Q2 (2015), SCOPUS, SJR (0.639 - 2015), SCOPUS Quartile: Q2 (2015) 2015
- 19 *K. Mitev, S. Georgiev, D. Pressyanov, I. Dimitrova, T. Boshkova, V. Zhivkova*, **A high-sensitivity method for the measurement of Rn-222 based on liquid scintillation counting of polycarbonate powder**, *Radiation Protection Dosimetry*, vol:160, 2014, pages:188-191, ISSN (print):0144-8420, ISSN (online):1742-3406, doi:10.1093/rpd/ncu075, Ref, Web of Science, IF (0.913 - 2014), Web of Science Quartile: Q3 (2014), SCOPUS, SJR (0.525 - 2014), SCOPUS Quartile: Q2 (2014) 2014
- 20 *K. Mitev, V. Zhivkova, D. Pressyanov, S. Georgiev, I. Dimitrova, G. Gerganov, T. Boshkova*, **Liquid scintillation counting of polycarbonates: A sensitive technique for measurement of activity concentration of some radioactive noble gases**, *Applied Radiation and Isotopes*, vol:93, 2014, pages:87-95, ISSN (print):0969-8043, ISSN (online):1872-9800, doi:10.1016/j.apradiso.2014.01.021, Ref, Web of Science, IF (1.231 - 2014), Web of Science Quartile: Q1 (2014), SCOPUS, SJR (0.574 - 2014), SCOPUS Quartile: Q2 (2014) 2014
- 21 *D. Pressyanov, D. Dimitrov, I. Dimitrova, S. Georgiev, K. Mitev*, **Novel approaches in radon and thoron dosimetry**, *AIP Conf. Proc.*, vol:1607, 2014, pages:24-31, doi:10.1063/1.4890699, Ref, SCOPUS, SJR (0.171 - 2014), PhD 2014
- 22 *D. Pressyanov, S. Georgiev, I. Dimitrova, K. Mitev*, **Experimental study of the response of radon track detectors with solid absorbers as radiators**, *Radiation Measurements*, vol:50, 2013, pages:141-144, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2012.04.021, Ref, Web of Science, IF (1.14 - 2013), Web of Science Quartile: Q2 (2013), SCOPUS, SJR (0.612 - 2013), SCOPUS Quartile: Q2 (2013) 2013
- 23 *D. Pressyanov, I. Dimitrova, S. Georgiev, K. Mitev*, **Pilot experiments on retrospective thoron measurements by CDs/DVDs**, *Radiation Measurements*, vol:50, 2013, pages:218-222, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2012.04.014, Ref, Web of Science, IF (1.14 - 2013), Web of Science Quartile: Q2 (2013), SCOPUS, SJR (0.612 - 2013), SCOPUS Quartile: Q2 (2013) 2013
- 24 *D. Pressyanov, E. Foerster, S. Georgiev, I. Dimitrova, K. Mitev*, **Traceability of CDs/DVDs used as retrospective Rn-222 detectors to reference STAR laboratory**, *Radiation Measurements*, vol:59, 2013, pages:165-171, ISSN (print):1350-4487, doi:http://dx.doi.org/10.1016/j.radmeas.2013.06.002, Ref, Web of Science, IF (1.14 - 2013), Web of Science Quartile: Q2 (2013), SCOPUS, SJR (0.612 - 2013), SCOPUS Quartile: Q2 (2013), International 2013
- 25 *K. Mitev, I. Dimitrova, V. Zhivkova, S. Georgiev, G. Gerganov, D. Pressyanov, T. Boshkova*, **Measurement of Rn-222 in water by absorption in polycarbonates and liquid scintillation counting**, *Nuclear Instruments and Methods in Physics Research A*, vol:677, 2012, pages:31-40, ISSN (print):0168-9002, ISSN (online):1872-9576, doi:10.1016/j.nima.2012.02.042, Ref, Web of Science, IF (1.142 - 2012), Web of Science Quartile: Q2 (2012), SCOPUS, SJR (0.832 - 2012), SCOPUS Quartile: Q1 (2012), MSc 2012
- 26 *S. Georgiev, K. Mitev, D. Pressyanov, I. Dimitrova, T. Boshkova*, **Numerical modelling of the activity concentration measurements of beta-radioactive noble gases by absorption in polycarbonates and external beta-counting**, *Radiation Measurements*, vol:47, 2012, pages:303-310, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2012.01.011, Ref, Web of Science, IF (0.861 - 2012), Web of Science Quartile: Q2 (2012), SCOPUS, SJR (0.586 - 2012), SCOPUS Quartile: Q2 (2012), PhD 2012
- 27 *D. Pressyanov, S. Georgiev, I. Dimitrova, K. Mitev, T. Boshkova*, **Determination of the Diffusion Coefficient and Solubility of Radon in Plastics**, *Radiation Protection Dosimetry*, vol:145, issue:2-3, 2011, pages:123-126, ISSN (print):0144-8420, ISSN (online):1742-3406, doi:10.1093/rpd/ncr069, Ref, Web of 2011

- Science, IF (0.822 - 2011), Web of Science Quartile: Q3 (2011), SCOPUS, SJR (0.585 - 2011), SCOPUS Quartile: Q2 (2011), PhD
- 28 *I. Dimitrova, D. Pressyanov, S. Georgiev, P. Yankov*, **Logistic of Surveys of Retrospective Radon Concentrations by Home-stored CDs/DVDs**, Radiation Protection Dosimetry, vol:145, 2011, pages:300-304, ISSN (print):0144-8420, ISSN (online):1742-3406, doi:10.1093/rpd/ncr057, Ref, Web of Science, IF (0.882 - 2011), Web of Science Quartile: Q3 (2011), SCOPUS, SJR (0.567 - 2011), SCOPUS Quartile: Q2 (2011), PhD, MSc 2011
- 29 *I. Dimitrova, K. Mitev, D. Pressyanov, S. Georgiev, T. Boshkova*, **Measurement of Rn-222 and Ra-226 in water by absorption of radon in polycarbonates and etching alpha-tracks**, Radiation Measurements, vol:46, 2011, pages:119-126, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2010.08.014, Ref, Web of Science, IF (1.177 - 2011), Web of Science Quartile: Q2 (2011), SCOPUS, SJR (0.651 - 2011), SCOPUS Quartile: Q1 (2011), PhD 2011
- 30 *D. Pressyanov, K. Mitev, I. Dimitrova, S. Georgiev*, **Solubility of krypton, xenon and radon in polycarbonates. Application for measurement of their radioactive isotopes**, Nuclear Instruments and Methods in Physics Research A, vol:629, issue:1, 2011, pages:323-328, ISSN (print):0168-9002, doi:10.1016/j.nima.2010.11.112, Ref, Web of Science, IF (1.207 - 2011), Web of Science Quartile: Q2 (2011), SCOPUS, SJR (0.956 - 2011), SCOPUS Quartile: Q1 (2011), PhD 2011
- 31 *K. Mitev, Y. Madzhunkov, G. Gerganov, I. Dimitrova, S. Georgiev, D. Pressyanov*, **Automatic counting of electrochemically etched tracks in compact discs. Application to retrospective measurements of Rn-222**, IEEE Transactions on Nuclear Science, vol:57, issue:1, 2010, pages:300-308, doi:10.1109/TNS.2009.2036436, Ref, Web of Science, IF (1.524 - 2010), Web of Science Quartile: Q1 (2010), SCOPUS, SJR (1.03 - 2010), SCOPUS Quartile: Q1 (2010), PhD 2010
- 32 *D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova*, **Radon mapping by retrospective measurements - an approach based on CDs/DVDs**, Journal of Environmental Radioactivity, vol:101, issue:10, 2010, pages:821-825, ISSN (print):0265-931X, ISSN (online):1879-1700, doi:10.1016/j.jenvrad.2010.02.009, Ref, Web of Science, IF (1.466 - 2010), Web of Science Quartile: Q3 (2010), SCOPUS, SJR (0.913 - 2010), SCOPUS Quartile: Q1 (2010), PhD 2010
- 33 *K. Mitev, D. Pressyanov, I. Dimitrova, S. Georgiev, T. Boshkova, V. Zhivkova*, **Measurement of krypton-85 in water by absorption in polycarbonates**, Nuclear Instruments and Methods in Physics Research A, vol:603, 2009, pages:491-494, ISSN (print):0168-9002, ISSN (online):1872-9576, doi:10.1016/j.nima.2009.02.027, Ref, Web of Science, IF (1.317 - 2009), Web of Science Quartile: Q1 (2009), SCOPUS, SJR (0.759 - 2009), SCOPUS Quartile: Q1 (2009), PhD 2009
- 34 *D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova*, **Sorption and desorption of radioactive noble gases in polycarbonates**, Nuclear Instruments and Methods in Physics Research A, vol:598, 2009, pages:620-627, ISSN (print):0168-9002, ISSN (online):1872-9576, doi:10.1016/j.nima.2008.09.044, Ref, Web of Science, IF (1.317 - 2009), Web of Science Quartile: Q1 (2009), SCOPUS, SJR (0.759 - 2009), SCOPUS Quartile: Q1 (2009), PhD 2009
- 35 *D. Pressyanov, I. Dimitrova, S. Georgiev, E. Hristova, K. Mitev*, **Measurement of radon-222 in water by absorption in Makrofol**, Nuclear Instruments and Methods in Physics Research A, vol:574, 2007, pages:202-204, ISSN (print):0168-9002, ISSN (online):1872-9576, doi:10.1016/j.nima.2007.01.098, Ref, Web of Science, IF (1.114 - 2007), Web of Science Quartile: Q1 (2007), SCOPUS, SJR (0.728 - 2007), SCOPUS Quartile: Q2 (2007), PhD 2007
- 36 *L. Tsankov, D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova*, **Automatic counting of chemically etched tracks by means of a computer scanner**, Radiation Measurements, vol:39, 2005, pages:557-559, ISSN (print):1350-4487, doi:10.1016/j.radmeas.2004.12.002, Ref, Web of Science, IF (1.023 - 2005), Web of Science Quartile: Q1 (2005), SCOPUS, SJR (0.54 - 2005), SCOPUS Quartile: Q2 (2005), MSc 2005

Статия в сборник (на конференция и др.)

- 1 *K. Mitev, L. Tsankov, M. Mitev, Ch. Dutsov, S. Georgiev, S. Kolev, N. Markov, T. Todorov*, **Design and Tests of a Detector for Rn-222 in Soil-gas Measurements based on Rn-222 Absorbing Scintillating Polymers**, 2017 IEEE Nuclear Science Symposium and Medical Imaging Conference Conference record, 2017, ISSN (print):1095-7863, doi:10.1109/NSSMIC.2017.8532818, MSc 2017
- 2 *I. Dimitrova, S. Georgiev, D. Pressyanov, T. Boshkova, F. Vassileva*, **Diffusion Length of Rn-222 in Home-stored CDs/DVDs - Influence on Rn-222 and Rn-220 Measurements**, IEEE-NSS Conf. Record, 2016, pages:1-5, ISSN (print):1095-7863, doi:10.1109/NSSMIC.2016.8069716, Ref, SCOPUS, SJR (0.184 - 2016), MSc 2016
- 3 *D. Pressyanov, P. Kovacheva, K. Mitev, S. Georgiev*, **Common Organics as Samples to Measure Radioxenon after Nuclear Emergency**, 2015 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2015; San Diego; United States; 31 October 2015 through 7 November 2015; Category number CFP15NSS-ART; Code 124155, 2015, ISSN (print):1095-7863, ISBN:978-1-4673-9862-6, doi:10.1109/NSSMIC.2015.7581758, Ref, SCOPUS, SJR (0.219 - 2015) 2015
- 4 *D. Pressyanov, D. Dimitrov, S. Georgiev, I. Dimitrova*, **Tests of CDs/DVDs as Passive Radon and Thoron Detectors for Mines and Caves.**, IEEE-NSS Conference Record, 2015, ISSN (print):1095-7863, doi:10.1109/NSSMIC.2015.7581964, Ref, SCOPUS, SJR (0.219 - 2015), PhD 2015
- 5 *I. Dimitrova, K. Mitev, T. Boshkova, S. Georgiev*, **An Approach to Study the Distribution of Radon in Natural Materials Containing Radium.**, IEEE-NSS Conference Record, 2013, ISSN (print):1095-7863, doi:10.1109/NSSMIC.2013.6829634, Ref, SCOPUS, SJR (0.33 - 2013) 2013
- 6 *I. Dimitrova, K. Mitev, S. Georgiev, D. Pressyanov*, **A system for reference activity concentrations of Rn-** 2012

- 222 in air based on RAD radon monitor**, Proceedings of the 22th National Scientific Symposium with international participation "Metrology and Metrology Assurance 2012, 2012
- 7 *K. Mitev, I. Dimtrova, S. Georgiev, I. Pavlova, S. Ilieva, D. Damianov, G. Gerganov*, **Calibration of Rack Beta – Spectral 1219 Liquid Scintillation Counter for radon in water measurements**, Proceedings of the 22th National Scientific Symposium with international participation "Metrology and Metrology Assurance 2012, 2012, MSc 2012
 - 8 *S. Georgiev, K. Mitev, I. Dimitrova, D. Pressyanov*, **Computer code for precise calculation of the activity of radioactive noble gases absorbed in polycarbonate grains**, Proceedings of the 22th National Scientific Symposium with international participation "Metrology and Metrology Assurance 2012, 2012 2012
 - 9 *I. Dimitrova, S. Georgiev, K. Mitev, D. Pressyanov*, **Influence of the Water Temperature on Measurements of Rn-222 in Water by Liquid Scintillation Counting of Polycarbonates**, IEEE Nuclear Science Symposium Conference Record, 2012, pages:1941-1944, ISSN (print):1095-7863, ISBN:978-1-4673-2028-3, doi:10.1109/NSSMIC.2012.6551448, Ref, SCOPUS, SJR (0.271 - 2012) 2012
 - 10 *S. Georgiev, I. Dimitrova, D. Pressyanov, K. Mitev*, **Retrospective Rn-220 Measurements by Compact Discs**, IEEE Nuclear Science Symposium Conference Record, 2012, pages:250-252, ISSN (print):1095-7863, ISBN:978-1-4673-2028-3, doi:10.1109/nssmic.2012.6551102, Ref, SCOPUS, SJR (0.271 - 2012) 2012
 - 11 *S. Georgiev, K. Mitev, D. Pressyanov, T. Boshkova, I. Dimitrova*, **Measurement of Xe-133 in Air by Absorption in Polycarbonates - Detection Limits and Potential Applications**, IEEE Nuclear Science Symposium Conference Record, 2011, pages:290-292, ISSN (print):1095-7863, ISBN:978-1-4673-9862-6, doi:10.1109/NSSMIC.2011.6154500, Ref, SCOPUS, SJR (0.254 - 2011), PhD 2011
 - 12 *K. Mitev, R. Tsihranski, V. Avramov, B. Stoenelova, I. Dimitrova, T. Boshkova, S. Georgiev*, **Measurements of I-131, Cs-134 and Cs-137 In environmental samples in Bulgaria after the Fukushima accident**, IEEE Nuclear Science Symposium Conference Record, 2011, pages:1256-1260, ISSN (print):1095-7863, ISBN:978-1-4673-9862-6, doi:10.1109/NSSMIC.2011.6154612, Ref, SCOPUS, SJR (0.254 - 2011), PhD 2011
 - 13 *I. Dimitrova, K. Mitev, V. Zhivkova, S. Georgiev, G. Gerganov, D. Pressyanov*, **Measurements of Rn-222 in Water by Liquid Scintillation Counting of Polycarbonates**, IEEE Nuclear Science Symposium Conference Record, 2011, pages:183-187, ISSN (print):1095-7863, ISBN:978-1-4673-9862-6, Ref, SCOPUS, SJR (0.254 - 2011), PhD 2011
 - 14 *С. Георгиев, К. Митев, Д. Пресиянов, Г. Герганов, И. Димитрова*, **Компютърен код за прецизно пресмятане на активността и дълбочинното разпределение на радиоактивни благородни газове абсорбирани в поликарбонати**, Сборник доклади от XXI национален научен симпозиум Метрология и метрологично осигуряване, 2011, стр.:278-284, PhD 2011
 - 15 *И. Димитрова, К. Митев, С. Георгиев, В. Живкова, М. Илиев, Г. Нешовска, Т. Бошкова, Г. Маринов*, **Междулабораторно сравнение по измерване на Радон-222 във води чрез гама-спектрометрия и течносцинтилационно броене**, Сборник доклади от XXI национален научен симпозиум Метрология и метрологично осигуряване, 2011, стр.:253-258, PhD 2011
 - 16 *D. Pressyanov, I. Dimitrova, S. Georgiev, K. Mitev*, **Radon Survey based on home stored CDs/DVDs**, Proceedings of the 3rd European IRPA Congress 2010 June 14-18, Helsinki, Finland , 2010, PhD 2010
 - 17 *И. Димитрова, С. Георгиев, К. Митев, Т. Бошкова, Д. Пресиянов*, **Корекция за облъчване в малък обем при измерване на 222Rn във води чрез абсорбция в поликарбонати**, Сборник доклади от XX национален научен симпозиум Метрология и метрологично осигуряване, 2010, стр.:254-259, PhD 2010
 - 18 *С. Георгиев, И. Димитрова, Т. Бошкова, К. Митев, Д. Пресиянов*, **Определяване на ефективността за регистриране на алфа-частици на установка за измерване на ниски бета-активности УМФ-1500**, Сборник доклади от XX национален научен симпозиум Метрология и метрологично осигуряване, 2010, стр.:283-289, PhD 2010
 - 19 *S. B. Georgiev, Mitev, K., Madzhunkov, Y., Gerganov, G., Dimitrova, I., Georgiev, S., Pressyanov, D.*, **An Algorithm for Automatic Counting of Electrochemically Etched Tracks in Compact Disks Used for Retrospective Measurements of Rn-222**, 2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9, 2009, pages:102-107, ISSN (print):1082-3654, ISBN:978-1-4244-2714-7 2009
 - 20 *С. Георгиев, И. Димитрова, Д. Пресиянов, К. Митев*, **Измервания на радон-222 в жилища и в почвен газ с поликарбонатен метод**, Сборник доклади от XIX национален научен симпозиум Метрология и метрологично осигуряване, 2009, стр.:341-346, PhD 2009
 - 21 *И. Димитрова, С. Георгиев, К. Митев, Д. Пресиянов*, **Калибриране на компакт дискове за измервания на радон-222 във въздух**, Сборник доклади от XIX национален научен симпозиум Метрология и метрологично осигуряване, 2009, стр.:347-354, PhD 2009
 - 22 *K. Mitev, Y. Madzhunkov, G. Gerganov, I. Dimitrova, S. Georgiev, D. Pressyanov*, **An algorithm for automatic counting of electrochemically etched tracks in compact disks used for retrospective measurements of radon-222**, IEEE-Nuclear Science Symposium Conference record, 2008, pages:827-832, doi:10.1109/NSSMIC.2008.4774654, Ref, SCOPUS, SJR (0.248 - 2008), PhD 2008
 - 23 *S. Georgiev, D. Pressyanov, K. Mitev, I. Dimitrova*, **Calibration of Diffusion Chambers for Measuring 222Rn in Air**, Bulgarian Nuclear Society Transactions, 2008, стр.:3-6, PhD 2008
 - 24 *I. Dimitrova, K. Mitev, D. Pressyanov, S. Georgiev*, **Desorption of 222Rn from Polycarbonate Samples**, BgNS TRANSACTIONS, 2008, стр.:33-37, PhD 2008
 - 25 *D. Pressyanov, I. Dimitrova, S. Georgiev, K. Mitev*, **Measurement of 222Rn by absorption in polycarbonates - research and practice**, Proceedings of the 18th AARST International Radon Symposium, 2008

Las Vegas, 14 – 17 September 2008, 2008, PhD

26 *D. Pressyanov, S. Georgiev, K. Mitev, I. Dimitrova*, **Measuring radon in air, water and soil gas by absorption in polycarbonates**, Proceedings of 33rd International Geological Congress, Oslo 6-14 August 2008, 2008, PhD

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