

Списък на публикациите
на Страхил Бойчев Георгиев
представени за участие в конкурса

Степен/ длъжност	No	Публикация	Съществен принос	Точки	Група
доктор	1	L. Tsankov, D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova. <i>Automatic counting of chemically etched tracks by means of a computer scanner. Radiat. Meas.</i> 39 (2005) 557-559. (Q1)		25	I
	2	K. Mitev, D. Pressyanov, I. Dimitrova, S. Georgiev, T. Boshkova, V. Zhivkova. <i>Measurement of krypton-85 in water by absorption in polycarbonates. Nucl. Instrum. Meth. A</i> 603 (2009) 491-494. (Q1)		25	I
	3	D. Pressyanov, K. Mitev, S. Georgiev, I. Dimitrova. <i>Sorption and desorption of radioactive noble gases in polycarbonates. Nucl. Instrum. Meth. A</i> 598 (2009) 620-627. (Q1)		25	I
	4	D. Pressyanov, K. Mitev, I. Dimitrova, S. Georgiev. <i>Solubility of krypton, xenon and radon in polycarbonates. Application for measurements of their radioactive isotopes. Nucl. Instrum. Meth. A</i> 629 (2011) 323-328. (Q1)		25	I
	5	D. Pressyanov, S. Georgiev, I. Dimitrova, K. Mitev, T. Boshkova, <i>Determination of the Diffusion Coefficient and Solubility of Radon in Plastics</i> , Rad. Prot. Dosim. 145(2-3) (2011) 123-126. (Q2)		20	I
	6	S. Georgiev, K. Mitev, D. Pressyanov, I. Dimitrova, T. Boshkova, <i>Numerical modelling of the activity concentration measurements of beta-radioactive noble gases by absorption in polycarbonates and external beta-counting</i> . Rad. Meas., 47 (2012) 303-310. (Q2)	да	20	I
	7	S. Georgiev, D. Pressyanov, K. Mitev, I. Dimitrova. <i>Calibration of Diffusion Chambers for Measuring ²²²Rn in Air</i> . BgNS Trans. 12 (2008) 3-6		Участие с доклад на конференция на БЯД: "Ядрената енергия за хората", Пловдив 2007	
главен асистент	8	S. Georgiev, K. Mitev, D. Pressyanov, T. Boshkova, I. Dimitrova., <i>Measurement of Xe-133 in Air by Absorption in Polycarbonates - Detection Limits and Potential Applications</i> . 2011 Nuclear Science Symposium, Valencia, Spain 23-29 Oct. 2011. IEEE-NSS Conf. record, 290-292. (SJR)	да	10	III
	9	S. Georgiev, I. Dimitrova, D. Pressyanov, K. Mitev. <i>Retrospective Rn-220 measurements by compact discs</i> , 2012 Nuclear Science Symposium, Anaheim, USA 28 Oct. - 03 Nov. 2012. IEEE-NSS 250-252. (SJR)	да	10	III
	10	K. Mitev, I. Dimitrova, V. Zhivkova, S. Georgiev, G. Gerganov, D. Pressyanov, T. Boshkova, <i>Measurements of Rn-222 in water by absorption in polycarbonates and liquid scintillation counting</i> , Nucl. Instrum. Meth. A 677 (2012) 31-40. (Q1)		25	I

11	D. Pressyanov, S. Georgiev, I. Dimitrova, K. Mitev, <i>Experimental study of the response of radon track detectors with solid absorbers as radiators</i> . Rad. Meas. 50 (2013) 141-144. (Q2)		20	I
12	D. Pressyanov, I. Dimitrova, S. Georgiev, K. Mitev, <i>Pilot experiments on retrospective thoron measurements by CDs/DVDs</i> . Rad. Meas. 50 (2013) 218-222. (Q2)		20	I
13	D. Pressyanov, E. Foerster, S. Georgiev, I. Dimitrova, K. Mitev <i>Traceability of CDs/DVDs used as retrospective ²²²Rn detectors to reference STAR laboratory</i> Rad. Meas. 59 (2013) 165-171. (Q2)		20	I
14	K. Mitev, V. Zhivkova, D. Pressyanov, S. Georgiev, I. Dimitrova, G. Gerganov, T. Boshkova, <i>Liquid scintillation counting of polycarbonates: A sensitive technique for measurement of activity concentration of some radioactive noble gases</i> , Appl. Rad. Isot. 93 (2014) 87-95. (Q1)		25	I
15	K. Mitev, S. Georgiev*, D. Pressyanov, I. Dimitrova, T. Boshkova, V. Zhivkova <i>A High-sensitivity Method for the Measurement of ²²²Rn Based on Liquid Scintillation Counting of Polycarbonate Powder</i> , Rad. Prot. Dosim. 160 (2014) 188-191.(Q2)	да *автор_за коресп.	20	I
16	I. Dimitrova, S. Georgiev, D. Pressyanov, B.Sabot, N. Michielsen, S. Bondiguel, K. Mitev <i>Influence of the type of CD case on the track density distribution in CDs exposed to thoron</i> Appl. Rad. Isot. 109 (2016) 393–396. (Q2)		20	I
17	K. Mitev, P. Cassette, S. Georgiev, I. Dimitrova, B. Sabot, T. Boshkova, I. Tartès, D. Pressyanov <i>Determination of ²²²Rn absorption properties of polycarbonate foils by liquid scintillation counting. Application to ²²²Rn measurements</i> Appl. Rad. Isot.109 (2016) 270–275. (Q2)		20	I
18	S. Georgiev, I. Dimitrova, D. Pressyanov, K. Mitev <i>Retrospective Rn-220 Measurements by Compact Discs</i> IEEE Trans. Nucl. Sci. 63(1) (2016) 333-340. (Q2)	да	20	I
19	K. Mitev, I. Dimitrova, A. Tarancón, D. Pressyanov, L. Tsankov, T. Boshkova, S. Georgiev, R. Sekalova, J. García. <i>Pilot Study of the Application of Plastic Scintillation Microspheres to Rn-222 Detection and Measurement</i> IEEE Trans. Nucl. Sci. 63(2) (2016) 1209-1217. (Q2)		20	I
20	K. Mitev, S. Georgiev, I. Dimitrova, D. Pressyanov <i>Application of scintillation counting using polycarbonates to radon measurements</i> Rad. Meas. 92 (2016) 32-38. (Q1)		25	I
21	K. Mitev, Ch. Dutsov, S. Georgiev, L. Tsankov, T. Boshkova <i>Study of ²²²Rn Absorption and Detection Properties of EJ-212 and BC-400 Plastic Scintillators</i> IEEE Trans. Nucl. Sci. 64(6) (2017) 1592-1598. (Q1)		25	I

22	E. Pelay, A. Tarancon, K. Mitev Ch. Dutsov, S. Georgiev, L. Tsankov, J. F. Garcia, <i>Synthesis and characterisation of scintillating microspheres made of polystyrene/polycarbonate for ^{222}Rn measurements</i> , J Radioanal Nucl Chem 314 (2017) 637–649. (Q2)		20	I
23	K. Mitev, S. Georgiev, I. Dimitrova, D. Pressyanov <i>Radon-222 in Soil-gas Measurements by Compact Discs. Comparison to Diffusion Chamber Measurements</i> Rad. Prot. Dosim. 181(1) (2018) 38-41. (Q3)		15	II
24	K. Mitev, P. Cassette, I. Tartès, S. Georgiev, I. Dimitrova, D. Pressyanov <i>Diffusion Lengths and Partition Coefficients of ^{131}mXe and ^{85}Kr in Makrofol N and Makrofol DE Polycarbonates</i> Appl. Rad. Isot.134 (2018) 269–274. (Q2)		20	I
25	D. Pressyanov, I. Dimitrova, K. Mitev, S. Georgiev, D. Dimitrov <i>Identifying Radon Priority Areas and Dwellings with Radon Exceedance in Bulgaria Using Stored CD/DVDs</i> , J. Env. Radioact. 196 (2019) 274-280. (Q1)		25	I
26	K. Mitev, Ch. Dutsov, S. Georgiev, T. Boshkova, D. Pressyanov <i>Unperturbed, High Spatial Resolution Measurement of Radon-222 in Soil-gas Depth Profile</i> , J. Env. Radioact. 196 (2019) 253-258. (Q1)		25	I
27	E R. Merín, A. Tarancón, K. Mitev, S. Georgiev, Ch. Dutsov, H. Bagán, J. F. García <i>Evaluation of synthesis conditions for plastic scintillation foils used to measure alpha- and beta-emitting radionuclides</i> J. Radioanal Nucl. Chem. 319 (2019) 135-145. (Q2)		20	I
28	D. Pressyanov, L. Quindos Poncela, S. Georgiev, I. Dimitrova, K. Mitev, C. Sainz, I. Fuente, D. Rabago, <i>Testing and Calibration of CDs as Radon Detectors at Highly Variable Radon Concentrations and Temperatures</i> . Int. J. Environ. Res. Public Health 16 (17), (2019) 3038. (Q2)		20	I
29	S. Georgiev, K. Mitev, Ch. Dutsov, T. Boshkova, I. Dimitrova, <i>Partition Coefficients and Diffusion Lengths of ^{222}Rn in Some Polymers at Different Temperatures</i> Int. J. Environ. Res. Public Health 16 (22), (2019), 4523. (Q2)	да	20	I
30	K. Mitev, S. Georgiev*, B. Sabot, <i>Approaches for reduction of the temperature bias on radon detectors packed in antithoron polymer membranes</i> Appl. Rad. Isot. 177 (2021) 109915 (Q2-2020)	да *автор_за коресп.	20	I