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OBRAZOVANJE

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Magistarski rad
1.1.Proračun fluensa i ekspozicione doze u zatvorenim prostorijama Metodom Monte Carlo, Prirodno matematički fakultet, Kragujevac, Yugoslavia 1984

Doktorski rad
1.2.Doprinos eksperimentalnom i teorijskom proučavanju ozračenosti stanovništva i pojedinaca u zatvorenim prostorijama.
Prirodno matematički fakultet, Kragujevac,1990

ZAPOSLJENJE

Docent na predmetima
Radijaciona fizika i zaštita od zračenja, Fortran90 programiranje, Atomska i Subatomska fizika (1991-1998)

Vanredni profesor na predmetima
Uvod u Atomsku i Subatomsku fiziku
Univerzitet u Kragujevcu 1998-2005

Redovni profesor za naučnu oblast
Radijaciona fizika
Univerzitet u Kragujevcu, 2005

Gostovanja u inostranstvu
Visiting Profesor, University Autonoma de Barcelona Barcelona, Spain 1994-1995.
Research fellow, City University of Hong Kong, U vise tromesecnih intervala od 1998-2010 , ukupno 5 godina.

LISTA PUBLIKACIJA

BOOK CHAPTERS

1.1.Chapter 29. Radon Diffusion through the Medium.
(D. Nikezic, V. M. Markovic, N. Stevanovic, V. Urosevic, B. Milenkovic and J. Stajic) in **Chemistry Research Summaries**, Vol. 13. **Editors:** Lucille Monaco Cacioppo. Nova Publisher

1.2. Chapter 3 - Computer Simulation of Radon Measurements with Nuclear Track Detectors; pp. 125-156 (D. Nikezic, K. N. Yu, Dept. of Physics and Materials Science, City Univ. of Hong Kong, Kowloon Tong, Hong Kong) Nova Publisher

In **Computer Physics Research Trends, Editors: Silvan J. Bianco**

1.3. **Chapter 3** - Beta and Gamma Dose Assessment Due to Radon Short Lived Progeny (pp.63-100)
Authors / Editors: (V.M. Markovic, N. Stevanovic, D. Krstic, D. Nikezic, University of Kragujevac, Faculty of Science, Serbia). In **Handbook of Radon: Properties, Applications and Health. Editors:** Zachary Li and Christopher Feng. Nova Publisher

1.4. **Chapter 12** - Radon Diffusion through the Medium (pp.311-334)
Authors / Editors: (D. Nikezic, V.M. Markovic, N. Stevanovic, V. Urosevic, B. Milenkovic, J. Stajic, University of Kragujevac, Faculty of Science, Serbia, and others). In **Handbook of Radon: Properties, Applications and Health. Editors:** Zachary Li and Christopher Feng, Nova Publisher

1.5. Software for Determination of Track Parameters in Nuclear Track Detectors Etched in Reverse Direction;pp. 89-108 (N. Stevanovic, B. Milenkovic, D. Nikezic, University of Kragujevac, Faculty of Science, Kragujevac, Serbia) In **Horizons in Computer Science Research. Volume 3. Editors:** Thomas S. Clary, Nova Publisher

1.6. Chapter 2. Long-Term Measurements of Radon Progeny Concentrations with Solid State Nuclear Track Detectors;pp. 107-131
(K.N. Yu, D. Nikezic, Dept. of Physics and Materials Science, City University of Hong Kong, Kowloon, Hong Kong) In **Nuclear Track Detectors: Design, Methods and Applications. Editors:** Maksim Sidorov and Oleg Ivanov. Nova Publisher

1.7 Chapter 3. Alpha-Particle Radiobiological Experiments Involving Solid State Nuclear Track Detectors as Substrates;pp. 133-154
(K.N. Yu, D. Nikezic, Dept. of Physics and Materials Science, City University of Hong Kong, Kowloon, Hong Kong) . In **Nuclear Track Detectors: Design, Methods and Applications. Editors:** Maksim Sidorov and Oleg Ivanov. Nova Publisher

1.8. Chapter 5. Optical Characteristics of Tracks in Solid State Nuclear Track Detectors Studied with Ray Tracing Method; pp. 177-195
(D. Nikezic, K.N. Yu, Dept. of Physics and Materials Science, City University of Hong Kong, Kowloon, Hong Kong) .In **Nuclear Track Detectors: Design, Methods and Applications. Editors:** Maksim Sidorov and Oleg Ivanov. Nova Publisher

1.9. Influence of Ventilation Rate on Radon and Thoron Progeny Concentrations in a Room (N. Stevanovic, V.M. Markovic, D. Nikezic, University of Kragujevac, Faculty

of Science, Kragujevac, Serbia)pp.111-134 . In **Ventilation: Types, Standards and Problems. Editors:** Vincent A. Romano and Allison S. Duval. Nova Publisher

CASOPISI NA SCI LISTI (M21,22,23)

2.1. ***Nikezic, D***., Markovic, P. and Dj. Bek Uzarov. Calculating the calibration coefficient for radon measurements with the bare LR-115 detector. **Health Physics** 62, 239-244 (1992). M23

2.2. ***Nikezic, D***., Markovic, P. and Dj. Bek Uzarov.Determination of calibration coefficient for radon measurements using a track detector. **Health Physics** 64, 628 -632 (1993). M23

2.3. ***Nikezic, D***. and Velickovic D. Calibration coefficient for radon measurements with LR-115 track detector in different types of diffusion chambers. **Radiation Measurements** 23, 219-223 (1994). M23

2.4. ***Nikezic, D.*** Determination of detection efficiency for radon and radon daughters with CR 39 track detector - a Monte Carlo study. **Nuclear Instruments & Methods in Physics Research, Section A**: **Accelerators, Spectrometers, Detectors and Associated Equipment,** 344, 406-414 (1994). M21

2.5. ***Nikezic, D***., Kostic, D., Krstic, D., Savovic, S. Sensitivity of radon Measurements with CR-39 track etch detector - a Monte Carlo study, **Radiation Measurements**, 25, 647-648 (1995)M23

2.6. ***Nikezic, D***. and Baixeras, C. Analysis of sensitivity of LR 115 II in cylindrical diffusion chambers for radon concentration determination, **Nuclear Instruments & Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment,** 364, 531-536 (1995) M21

2.7. ***Nikezic, D***. and Krstic D. A study of amplifying the response of an LR115 solid state track detector by combining it with electret, **Health Physics**, 69, 944-948 (1995) M23

2.8. ***Nikezic, D***., Baixeras, C. and Kostic, D. Sensitivity determination and optimization of a cylindrical diffusion chamber, for radon measurements, with a CR39 detector, **Nuclear Instruments & Methods in Physics Research, Section A**: **Accelerators, Spectrometers, Detectors and Associated Equipment**, 373, 290-298 (1996) M21

2.9. ***Nikezic, D***. and Baixeras C. Radon, radon progeny and equilibrium factor determination using an LR115 detector, **Radiation Measurements,** 26, 203-213 (1996) M23

2.10. ***D. Nikezic*** and D. Kostic. Simulation of the track growth and determining the track parameters. **Radiation Measurements**, 28, 185-190 (1997). M23

2.11. D. Kostic, ***D. Nikezic*** and Dj. Bek-Uzarov. Effective Dose Estimation for the Population in Kragujevac due to the Chernobyl Accident, **Journal of Environmental Radioactivity**, 34, 253-266 (1997). M22

2.12. ***Nikezic, D***. and Urosevic V. A theoretical study of radon measurement with activated charcoal. **Nuclear Instruments and Methods in Physics Research Section A:** Accelerators, Spectrometers, Detectors and Associated Equipment, 406, 486-498 (1998). M21

2.13. ***D. Nikezic*** and K.N.Yu. The influence of thoron and its progeny on radon measurements with CR39 detector in diffusion chamber. **Nuclear Instruments and Methods in Physics Research- A**, 419, 175-180,(1998). M21

2.14. ***D. Nikezic*** and K.N.Yu. Modelling radon progeny behaviour on surfaces and note on radon retrospective dosimetry. **Radiation Protection Dosimetry,** 82, 141-146, (1999). M22

2.15. ***D. Nikezic*** and K.N.Yu. Relationship between the Activity of ^{210}Po incorporated in the surface of an object and potential α - energy concentration. **Journal of Environmental Radioactivity**, 47, 45-55,(1999) M22

2.16. V. Urosevic, ***D. Nikezic***, S. Vulovic i M. Kojic. Optimization of radon measurements with active charcoal. **Health Physics**, 76, 687-691, (1999). M22

2.17. ***D.Nikezic***, and K.N.Yu. Determination of deposition behaviour of ^{218}Po from track density distribution on SSNTD in diffusion chamber. **Nuclear Instruments And Methods**. A 437, 531-537 (1999) M21

2.18. ***D. Nikezic,*** K.N.Yu, T.T.K.Cheung, A.K.M.M.Haque and D. Vucic. Effects of different lung morphometry models on the calculated lung dose from radon progeny. **Journal of Environmental Radioactivity**, 47, 263-277, (2000). M22

2.19. ***D. Nikezic*** and K. N. Yu. Monte carlo calculations of LR115 detector response to ^{222}Rn in the presence of ^{220}Rn. **Health Physics**, 78, 414-419, (2000) M22

2.20. ***D. Nikezic.*** Three dimensional analytical determination of the track parameters. **Radiation Measurements**, 32, 277-282, (2000) M22

2.21. ***D. Nikezi***c and K. N. Yu. Uncertainty in Radon Measurements with CR39 Detector due to Unknown Deposition of ^{218}Po. **Nuclear Instruments and Methods in Physics Research Journal (Section A)**, Volume 450, Issues 2-3, 11, Pages 568-572, (2000) M21

2.22. V. Urosevic and ***D. Nikezic***. Simulation of skim of method for radon measurements with active charcoal. **Applied Radiation and Isotopes** 55(1), 127-130, (2001) M21

2.23.Yu, K.N., Wong, B.T.Y., Law, J.Y.P., Lau, B.M.F., ***Nikezic, D***. Indoor Dose Conversion Coefficients for Radon Progeny for Different Ambient Environments. **Environmental Science and Technology**, 35, 2136-2140, (2001) M21

2.24. ***D. Nikezic*** and K.N. Yu. Alpha hit frequency of sensitive cells in T-B tree due to radon progeny. **International Journal of Radiation Biology**, Volume 77,(5), 559-565, (2001) M21

2.25. ***D Nikezic,*** K. N. Yu and D Vucic. Absorbed fraction and dose conversion coefficients of alpha particles for radon dosimetry. **Physics in Medicine and Biology,** 46(7), 1963-1973, 2001 M21

2.26. Yu KN, Cheung TTK, Haque AKMM, ***Nikezic D***, Lau BMF, Vucic D. Radon progeny dose conversion coefficients for Chinese males and females **Journal of environmental radioactivity** 56 (3), 327-340 (2001) M22

2.27. T.T.K.Chueng, K.N.Yu and ***D. Nikezic***. Bronchial dosimeter for radon progeny. **Applied Radiation and Isotopes**. 55, 707-713,(2001) M21

2.28. ***D. Nikezic*** and K.N.Yu. Microdosimetric calculation of absorption fraction and the resulting dose conversion factor for radon progeny**. Radiation and Environmental Biophysics** 40:207-211, (2001) M21

2.29. ***D. Nikezic*** and K.N.Yu. Distributions of Specific Energy in Sensitive Layers of Human Respiratory Tract. **Radiation Research**, 157, 92-98, (2002) M21

2.30. ***D. Nikezic***, A.K.M.M.Haque and K.N.Yu. Absorbed dose delivered by alpha particles calculated in cylidrical geometry. **Journal of Environmental Radioactivity**. 60(3) 293-305. (2002) M23

2.31. ***D. Nikezic*** and K. N. Yu. Incidence characteristics of alpha particles on detectors irradiated in a radon + progeny atmosphere, ***Nuclear Instruments and Methods. B.,*** 187(4) 492-498, (2002) M21

2.32. *D. Nikezic*, **A.K.M.M.Haque and K.N.Yu. Effects of different deposition models on the calculated dose conversion factors from ^{222}Rn progeny.** Journal of Environmental Radioactivity**. 61(305-318) 2002** M23

2.33. ***D. Nikezic*** and K.N.Yu. Alpha-particle lineal energy spectra for the human lung. **International Journal of Radiation Biology.** 78(7), 605-609 , 2002 M21

2.34. ***D.Nikezic*** and A. Janicijevic. Bulk etching rate of LR 115 detector. **Applied Radiation and Isotopes** 57(2), 275-278. 2002 M21

2.35. V.S.Y. Koo, C.W.Y. Yip, J.P.Y. Ho, ***D. Nikezic*** and K.N. Yu. Sensitivity of LR115 detector in diffusion chamber to ^{222}Rn in the presence of ^{220}Rn. **Applied Radiation and Isotopes.** 56(6), 953-956,(2002). M21

2.36. ***D. Nikezic*** and K.N.Yu. Profiles and parameters of tracks in LR115 detector irradiated with alpha particles, **Nuclear Instruments and Methods. B.** 196(1-2) 105- 112, (2002). **M21**

2.37. Ho, J.P.Y., Yip, C.W.Y., Koo, V.S.Y., ***Nikezic, D***., Yu, K.N. Measurement of bulk etch rate of LR115 detector with atomic force microscopy. 2002, **Radiation Measurements**, 35(6), 571-573, (2002). M21

2.38.Koo, V.S.Y., Yip, C.W.Y., Ho, J.P.Y., ***Nikezic, D***., Yu, K.N., Experimental Study of Track Density Distribution on LR115 Detector and Deposition Fraction of ^{218}Po in Diffusion Chamber , 2002, **Nuclear Instruments and Methods in Physics Research Journal (Section A)**, 491(3), 470-473 (2002). M21

2.39. ***D. Nikezic,*** J. P. Y. Ho, C. W. Y. Yip, V. S. Y. Koo and K.N.Yu. Feasibility and limitation of track studies using atomic force microscopy. **Nuclear Inst. and Methods in Physics Research, B**. 197(3-4), 293-300, (2002). M21

2.40. ***D. Nikezic*** and K.N. Yu. Three-dimensional analytical determination of the track parameters: over-etched tracks, **Radiation Measurements** 37(1), 39-45. 2003. **M21**

2.41. ***D. Nikezic*** and K.N. Yu. Quality factors for alpha particles in the human respiratory tract. **Health Physics** 84(5) 652-654 May 2003. M21

2.42. ***D. Nikezic*** and K.N. Yu. Apsorbed fraction of alpha particles emitted in bifurcation regions of the human tracheo-bronchial tree. **Radiation and Environmental Biophysics.** 42, 49-53, 2003. M22

2.43. ***D. Nikezic***, B. Novakovic and K.N. Yu. Absorbed fraction of radon progeny in human bronchial airways with the bifurcation geometry. **International Journal of Radiation Biology.** 79(3)175-180, Mart 2003. M21

2.44. V. Urosevic and ***D. Nikezic***. Radon transport through concrete and Determination of diffusion Coefficient. **Radiation Protection Dosimetry** 104(1), pp 65-70, 2003. M22

2.45. C. W. Y. Yip, J. P. Y. Ho, V. S. Y. Koo, **D. Nikezic** and K. N. Yu Effects of stirring on the bulk etch rate of LR 115 detector, **Radiation Measurements** 37(3) 197-200, 2003 M21

2.46. C.W.Y.Yip, J.P.Y.Ho***, D.Nikezic*** and K.N.Yu. A fast method to measure the thickness of removed layer from etching of LR115 detector based on EDXRF. **Radiation Measurements**. 36(1-6) 161-164, 2003. M21

2.47. J.P.Y.Ho, C.W.Y.Yip, ***D.Nikezic*** and K.N.Yu. Effect of stirring in the bulk etch rates of SSNTDs. **Radiation Measurements**. 36(1-6) 141-143, 2003. M21

2.48. C.W.Y.Yip, J.P.Y.Ho, ***D.Nikezic*** and K.N.Yu. Study of inhomogeneity in thickness of LR115 detector with SEM and Form Talysurf. **Radiation Measurements**. 36(1-6) 245-248, 2003. M21

2.49. J.P.Y.Ho, C.W.Y.Yip, ***D.Nikezic*** and K.N.Yu. Differentiation between tracks and damages in CR39 detectors under atomic force microscope. **Radiation Measurements.**36(1-6) 155-159, 2003. M21

2.50. ***D. Nikezic*** and K. N. Yu. Calculations of track parameters and plots of track openings and wall profiles in CR39 detector, ***Radiation Measurements***, 37, 595-601, 2003. M21

2.51. V.S.Y.Koo, C.W.Y.Yip, J.P.Y.Ho, ***D.Nikezic***,K.N.Yu. Deposition fractions of ^{218}Po in diffusion chambers. **Applied Radiation and Isotopes,** 59, 49-52, 2003. M22

2.52. K.N.Yu, C.W.Y.Yip, ***D.Nikezic***, J.P.Y.Ho, V.S.Y.Koo. Comparison among alpha-particle energy losses in air obtained from data of SRIM, ICRU and experiments, **Applied Radiation and Isotopes** 59, (5-6), 363-366, 2003 M22

2.53. F. M. F. Ng, C. W. Y. Yip, J. P. Y. Ho, **D. *Nikezic*** and K. N. Yu. Non-destructive measurement of active layer thickness of LR 115 SSNTD. **Radiation Measurements** 38,1-3. 2004. M21

2.54. ***D. Nikezic***, F.M.F. Ng, K.N. Yu. Sensitivity of LR 115 detectors in hemispherical chambers for radon measurements. Nucl. Instr. Meth B. 217. 637–643, (2004). M21

2.55. ***D. Nikezic*** and N. Stevanovic. Influence of variability of ^{214}Pb recoil factor on lung dose. Radiation Protection Dosimetry. (2004) 109: 197-199 M22

2.56. M. Kovacevic, ***D. Nikezic*** and A. Djordjevich. Monte Carlo simulation of curvature gauges by ray tracing. Measurement Science and Technology. **15,** 1756–1761. 2004. M21

2.57. N. Stevanovic, ***D. Nikezic*** and A. Djordjevich. The recoil factor of ^{214}Pb. Journal of Aerosol Science. 35(8) 1041-1050, 2004. M21

2.58. ***D. Nikezic*** and N. Stevanović. Room model with three modal distribution of attached radon progeny. Health Physics. 87(4),405-409, 2004. M21

2.59. K.N. Yu, F.M.F. Ng, ***D. Nikezic***. Measurement of parameters of tracks in CR-39 detector from replicas Radiation Protection Dosimetry. 111, 93-96, 2004. M22

2.60. ***Nikezic, D.***, Ng, F.M.F., Yu, K.N. Theoretical basis for long-term measurements of equilibrium factor using LR 115 detector, Applied Radiation and Isotopes, 61(6) 1431-1435, 2004. M21

2.61. D. Krstic, ***D. Nikezic***, N. Stevanovic, M. Jelic. 2004 Vertical distribution of ^{137}Cs in soil. Applied Radiation and Isotopes. 61(6)1487-1492, 2004. M21

2.62. Yu, K.N., ***Nikezic, D.***, "Letter to the Editor: Radon-222 signatures of natural ventilation regimes in an underground quarry", [Journal of Environmental Radioactivity 71,17–32; 72 (2004) 369–370]" , 2004 M22
Journal of Environmental Radioactivity, Volume 78, Issue 2, Pages 247-248,2004

2.63. ***D. Nikezic*** and K. N. Yu. Formation and growth of tracks in nuclear track materials. Material Science and Engineering R. (review paper). R, 46, 51-123, 2004.
M21

2.64. ***D. Nikezic*** and K. N. Yu. Are radon gas measurements adequate for epidemiological studies and case control studies of radon-induced lung cancer? Radiation Protection Dosimetry 113(2):233-235 (2005). M22

2.65. N.Stevanovic, ***D. Nikezic***. Stopping power. Projectile and target modeled as oscillators. Physics Letters A. Vol 340/1-4 pp 290-298 , 2005 M22

2.66. M. Kovacevic, ***D. Nikezic,*** A. Djordjevich. Modelling of the Loss and Mode Coupling that are Due to Irregular Core-Cladding Interface in SI POF. Applied Optics. 44 (19): 3898-3903, July 2005. Nema impakt faktor za 2005. M233

2.67. ***D. Nikezic***, N.Stevanovic, Radon progeny behavior in diffusion chamber. Nuclear Instruments and Methods Section B. Volume 239, Issue 4, Pages 399-406, October 2005 M21

2.68. Yu, K.N., ***Nikezic, D***., Ng, F.M.F., Leung, J.K.C., "Long-term Measurements of Radon Progeny Concentrations with Solid State Nuclear Track Detectors", Radiation Measurements, Volume 40, Issues 2-6, November 2005, Pages 560-568. M21

2.69. ***Nikezic, D.***, Ng, F.M.F., C.W.Y. Yip, Yu, K.N., "Application of ray tracing method in studying alpha tracks in SSNTDs", Radiation Measurements, Volume 40, Issues 2-6, Pages 375-379, November 2005. M21

2.70. Yu, K.N., Ng, F.M.F., ***Nikezic, D***., "Measuring depths of sub-micron tracks in CR-39 detector from replicas using Atomic Force Microscopy", Radiation Measurements, Volume 40, Issues 2-6, Pages 380-383, November 2005. M21

2.71. ***D. Nikezic***, K.N.Yu "Exposures to ^{222}Rn and its progeny derived from implanted ^{210}Po activity". Radiation Measurements. Volume 41, Issue 1, Pages 101-107, January 2006. M21

2.72. C.W.Y. Yip, D. Nikezic, J.P.Y. Ho and K.N. Yu. "Chemical etching characteristics for cellulose nitrate". Materials Chemistry and Physics, Volume 95, Issues 2-3, pages 307-312, February 2006. M21

2.73. ***D. Nikezic***, D. Kostic, C.W.Y. Yip and K.N. Yu. "Comparison among different models of track growth and experimental data". Radiation Measurements, Volume 41, Issue 3, Pages 253-256, March 2006. M21

2.74. ***D. Nikezic*** and K.N. Yu "Computer program TRACK_TEST for calculating parameters and plotting profiles for etch pits in nuclear track materials." Computer Physics Communications, 174(2), 15 January 2006, Pages 160-165. M21

2.75. Yu KN, Lau BMF, **Nikezic D** "Assessment of environmental radon hazard using human respiratory tract models." Journal of Hazardous Materials 132 (1): 98-110, 2006 M21

2.76 D. Krstic, ***D. Nikezic***. "External doses in humans from 137Cs in soil." Health Physics. 91 (3): 249-257 , 2006 M21

2.77. ***D. Nikezic,*** B.M.F.Lau, N.Stevanovic, K.N. Yu. "Absorbed Dose in Target Cell Nuclei and Dose Conversion Coefficient of Radon Progeny in the Human Lung." Journal of Environmental Radioactivity 89 (1): 18-29 2006 M22

2.78. S.Y.Y. Leung, ***D. Nikezic***, K.N. Yu. "Passive monitoring of the equilibrium factor inside a radon exposure chamber using bare LR 115 SSNTDs." Nuclear Instruments and Methods A. 564 (1): 319-323 AUG 1 2006 M21

2.79. M. Kovacevic, ***D. Nikezic***. "The influence of the bend on the power distribution in step-index plastic optical fibers and calculation of the bending loss." Applied Optics 45 (26): 6675-6681, 2006. M23

2.80. ***D. Nikezic***, B. Lau, K.N. Yu. "Comparison of dose conversion factors for radon progeny from the ICRP 66 regional model and an airway tube model of tracheobronchial tree", Radiation and Environmental Biophysics 45 (2): 153-157, 2006. M22

2.81. D. Krstić and D. Nikezić. Input files with ORNL—mathematical phantoms of the human body for MCNP-4B. Computer Physics Communications, 176, Issue 1, 1 January 2007, Pages 33-37 M21

2.82 D. Nikezic, C.W.Y. Yip, S.Y.Y. Leung, J.K.C. Leung and K.N. Yu. A further study of the (CR–LR) difference technique for retrospective radon exposure assessment. Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, *Volume 568, Issue 2, 1 December 2006, Pages 792-798.* M21

2.83 S.Y.Y. Leung, D. Nikezic, J.K.C. Leung and K.N. Yu. Derivation of V function for LR 115 SSNTD from its sensitivity to ^{220}Rn in a diffusion chamber. Applied Radiation and Isotopes, Volume 65, Issue 3, March 2007, Pages 313-317 M21

2.84 S.Y.Y. Leung, D. Nikezic and K.N. Yu. Derivation of V function for LR 115 SSNTD from its partial sensitivity to ^{222}Rn and its short-lived progeny. Journal of Environmental Radioactivity, Volume 92, Issue 1, 2007, Pages 55-61 M22

2.85 D. Nikezic and N. Stevanovic "Behavior of ^{220}Rn progeny in diffusion chamber" Nuclear Instruments and Methods A. Volume 570, Issue 1, 1 January 2007, Pages 182-186 M21

2.86 D. Nikezic and N. Stevanovic. Room model with three modal distributions of attached ^{220}Rn progeny and Dose conversion factor. Radiation Protection Dosimetry. *(2007), Vol. 123, No. 1, pp. 95–102 M*23

2.87. Krstic, D., N. Stevanovic, J. Milivojevic and Dragoslav Nikezic. Determination of the soil-to-grass transfer of ^{137}Cs and its relation to several soil properties at various locations in Serbia. Isotopes in Environmental Health Studies Vol. 43, No. 1, March 2007, 65–73 M22

2.88. K. F. Chan, S. Y. M. Siu, K. E. McClella, A. K. W. Tse, B. M. F. Lau, D. Nikezic, B. J. Richardson, P. K. S. Lam, W. F. Fong and K. N. Yu . Alpha-particle radiobiological experiments using thin CR-39 detectors. Radiation Protection Dosimetry 2006. 122: 160 - 162. M22

2.89 B. M. F. Lau, D. Nikezic and K. N. Yu. Killing of target cells due to radon progeny in the human lung. Radiation Protection Dosimetry (2006) 122: 534 - 536.
M22

2.90. D. Krstic and D. Nikezic. *Conversion coefficients for age dependent ORNL phantoms.* Nuclear Instruments and Methods A. *Volume 580, Issue 1, 21 September 2007, Pages 540-543* M21

2.91. K.C.C. Tse, F.M.F. Ng, D. Nikezic and K.N. Yu. *Bulk etch characteristics of colorless LR 115 SSNTD.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 294-299* M21

2.92. K.C.C. Tse, D. Nikezic and K.N. Yu. *Comparative studies of etching mechanisms of CR-39 in NaOH/H2O and NaOH/Ethanol.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 300-305* M21

2.93. F.M.F. Ng, D. Nikezic and K.N. Yu. *Long-term measurements of equilibrium factor with electrochemically etched CR-39 SSNTD.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 279-283* M21

2.94. K.N. Yu, H.H.W. Lee, A.W.T. Wong, Y.L. Law, S.F.L. Cheung, D. Nikezic and F.M.F. Ng. *Optical appearance of alpha-particle tracks in CR-39 SSNTD.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 271-278* M21

2.95. S.Y.Y. Leung, D. Nikezic, J.K.C. Leung, K.N. Yu *A study of the polyethylene membrane used in diffusion chambers for radon gas concentration measurements.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 311-316.* M21

2.96. F.M.F. Ng, K.Y. Luk, D. Nikezic and K.N. Yu. *Determination of alpha-particle track depths in CR-39 detector from their cross-sections and replica heights.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 266-270* M21

2.97. K.F. Chan, F.M.F. Ng, D. Nikezic and K.N. Yu. *Bulk and track etch properties of CR-39 SSNTD etched in NaOH/Ethanol.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 284-289* M21

2.98. K.F. Chan, B.M.F. Lau, D. Nikezic, A.K.W. Tse, W.F. Fong and K.N. Yu. *Simple preparation of thin CR-39 detectors for alpha-particle radiobiological experiments.* Nuclear Instruments and Methods Section B. *263, Issue 1, October 2007, Pages 290-293* M21

2.99 S.Y.Y. Leung, D. Nikezic, J.K.C. Leung and K.N. Yu. *Sensitivity of LR 115 SSNTD in a diffusion chamber.* Nuclear Instruments and Methods Section B. *Volume 263, Issue 1, October 2007, Pages 306-310* M21

2.100. M. Kovacevic, D. Nikezic. *Replay to the comment on "Influence of bending on power distribution in step- index plastic optical fibers and calculation of bending loss".* Applied Optics Vol 46 (24) August 2007. M23

2.101. N. Stevanović and D. Nikezić. Calculation of stopping power for partially stripped ion by using oscillator model. *Eur. Phys. J. D* 42, 397–406, 2007 M22

2.102. D. Krstic, D. Nikezic, N. Stevanovic, D.Vucic. Radioactivity of some domestic and imported building materials from South Eastern Europe. Radiation Measurements. 42 (2007) 1731 – 1736 M21

2.103. M.Kovacevic, A. Djordjevich, D. Nikezic. *Analytical Optimisation of Optical Fibre Curvature Gauges*. IEEE Sensors Journals. Volume: 8 Issue: 3-4 Pages: 227-232 Published: MAR-APR 2008 M21

2.104. V. Markovic, N. Stevanovic, D. Nikezic. *Absorbed fractions for electrons and beta particles in sensitive regions of human respiratory tract.* Radiation and Environmental Biophysics. Volume: **47** Issue: **1** Pages: **139-145** Published: **FEB 2008** DOI. 10.1007/s00411-007-0135-y. M22

2.105. D. Nikezić , N. Stevanović, D. Kostić, S. Savovic, K.C.C. Tse, K.N.Yu. *Solving the track wall equation by the finite difference method*. Radiation Measurements. Vol 43, S76-78, 2008 M21

2.106. D. Nikezic, K.N. Yu. Computer program TRACK_VISION for optical appearance of etched tracks in CR39 nuclear track detector**s.** Computer Physics Communication, 178 (2008) 591–595. **M21**

2.107. Tse KCC, Nikezic D, Yu KN. Effects of UVC irradiation on alpha-particle track parameters in CR-39. Radiation Measurements, Vol 43, S98-101, 2008. **M21**

2.108. Ng F. M. F., Tse K. C. C., Nikezic D., Dai Junfeng, Zhao Ziqiang, Yu, K. N. Surface effect of ultraviolet radiation on electrochemically etched alpha-particle tracks in PADC. Radiation Measurements, Vol 43, S102-105, 2008. **M21**

2.109. Law YL, Nikezic D, Yu KN. Optical appearance of alpha particle tracks in CR-39 SSNTDs. Radiation Measurements, Vol 43, S128-131, 2008. **M21**

2.110. Yu KN, Leung SYY, Nikezic D, Leung, J. K. C. Equilibrium factor determination using SSNTDs. Radiation Measurements, Vol 43, S357-363, 2008. **M21**

2.111. Yip CWY, Nikezic D, Yu KN. Retrospective radon progeny measurements for dwellings based on implanted Po-210 activities in glass objects. Radiation Measurements, Vol 43, S427-430, 2008. **M21**

2.112. D. Nikezic, K.N. Yu. Analyses of Light Scattered from Etched Alpha-particle Tracks in PADC. Radiation Measurements 43 (8) 1417-1422. **M21**

2.113. V. Urosevic, D. Nikezic, S. Vulovic. A theoretical approach to indoor radon and thoron distribution. *Journal of Environmental Radioactivity*, 99 (2008) 1829–1833. M23

2.114. C.W.Y. Yip, D. Nikezic, K.N. Yu. Retrospective radon progeny measurements through measurements of ^{210}Po activities on glass objects using stacked LR 115 detectors. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, 266, Issue 23, December 2008, Pages 5050-5055* M21

2.115. Petrovic I, Petrovic V, Krstic D, Nikezic D., Bocvarski V. Expert system for analysis of spectra in nuclear metrology. International journal of modern physics C Volume: 19 Issue: 11 Pages: 1763-1775 Published: 2008 M22

2.116. N. Stevanovic, V. Markovic, V. Urosevic and D. Nikezic. Determination of parameters of the Jacobi room model using the Brownian motion model. Health Physics. 96(1):48-54, January 2009 M22

2.117. B. Milenković, N. Stevanović, D. Krstić, D. Nikezić. Numerical solving of the track wall equation in LR115 detectors etched in direct and reverse directions. Radiation Measurements. *44, 1, January 2009, Pages 57-62.* M21

2.118. D. Nikezic and K.N. Yu. Light scattering from an assembly of tracks in a PADC film. Nuclear Instruments and Methods A. *602, Issue 2, 21 April 2009, Pages 545-551* 2009. M21

2.119. Markovic, Vladimir; Krstic, Dragana; Nikezic, D. Gamma and beta doses in human organs due to radon progeny in human lung. Radiation Protection Dosimetry Volume: 135 Issue: 3 : 197-202. 2009. M22

2.120. D. Krstic, D. Nikezic. Calculation of indoor effective dose factors in ORNL phantoms series due to natural radioactivity in building materials. Health Physics. Volume: 97 Issue: 4 Pages: 299-302. 2009 M22

2.121. D. Nikezic and K.N. Yu. Dosimetric model of human lung and associated computer program. Indian journal of physics and proceedings of the Indian association for the cultivation of science Volume: 83 Issue: 6 Pages: 759-775. 2009 M23

2.122. D.Nikezic, D. Krstic. Influence of an electret on the sensitivity of CR-39 nuclear track detector in diffusion chamber. Indian journal of physics and proceedings of the indian association for the cultivation of science Volume: 83 Issue: 6 Pages: 851-855 Published: JUN 2009 M23

2.123. Kovacevic MS, Djordjevich A, Nikezic D. Light in thermally propagation expanded core fibers with graded-index. OPTICA APPLICATA Volume: 39, Issue : 2, Pages: 267-276: 2009 M23

2.124. Stevanovic N, Markovic VM, Nikezic D. Deposition rates of unattached and attached radon progeny in room with turbulent airflow and ventilation Journal of environmental radioactivity. Volume: 100 Issue: **7** Pages: 585-589. 2009. M23

2.125. D. Nikezic, D. Krstic, S. Savovic. Response of diffusion chamber with LR115 detector and electret to radon and progeny. Radiation Measurements, doi:10.1016/j.radmeas.2009.09.003 Volume 44, Issues 9-10, October-November 2009, Pages 783-786 M21

2.126. Yum, E.H.W., Choi, V.W.Y., Nikezic, D., Li, V.W.T., Cheng, S.H., Yu, K.N. Alpha-particle-induced bystander effects between zebrafish embryos in vivo, Radiation Measurements, (2009), doi: 10.1016/j.radmeas.2009.10.025. Volume 44, Issues 9-10, October-November 2009, Pages 1077-1080 M21

2.127. D. Nikezic, K.N. Yu. Long-term determination of airborne concentrations of unattached and attached radon progeny using stacked LR 115 detector with multi-step etching. Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, A 613 (2010) 245–250 doi:10.1016/j.nima.2009.11.058. M21

2.128. Krstic, D., Nikezic, D. Calculation of the effective dose from natural radioactivity in soil using MCNP code**.** Applied Radiation and Isotopes 68(4-5) 946-947, 2010 M21

2.129. Stevanovic, N., Markovic V., Nikezic D. Relationship between deposition and attachment rates in Jacobi room model. Journal of Environmental Radioactivity Volume 101, Issue 5, May 2010, Pages 349-352. M23

2.130. Dugalic, G. , Krstic, D., Jelic, M., Nikezic, D. , Milenkovic, B. , Pucarevic, M., Zeremski-Skoric, T. Heavy metals, organics and radioactivity in soil of western Serbia. Journal of Hazardous Materials. Volume 177, Issue 1-3, May 2010, Pages 697-702. M21

2.131. Milenkovic B., Nikezic D., Stevanovic N. A simulation of neutron interaction from Am-Be source with the CR-39 detector. Radiation Measurements, DOI: 10.1016/j.radmeas.2010.06.049, *Volume 45, Issue 10, December 2010, Pages 1338-1341* M21

2.132. D. Nikezic, V. M. Markovic, D. Krstic, and P. K. N. Yu.
Doses in human organs due to alpha, beta and gamma radiations emitted by thoron progeny in the lung. Radiation Protection Dosimetry, *doi:10.1093/rpd/ncq237. (2010), Vol. 141, No. 4, pp. 428–431* M22

2.133. V. W. Y. Choi, C. K. M. Ng, R. K. K. Lam, M. Janik, A. Sorimachi, C Kranrod, D. Nikezic, S. Tokonami, and K. N. Yu. Long-term determination of airborne radon progeny concentrations using LR 115 detectors and the effects of thoron. Radiat Prot Dosimetry, 2010 doi:10.1093/rpd/ncq255, Vol. 141, No. 4, pp. 404–407. M22

2.134. Svetislav Savović, Alexandar Djordjevich, Peter W. Tse, Dragoslav Nikezić
Explicit finite difference solution of the diffusion equation describing the flow of radon through soil**.** Applied Radiation and Isotopes, doi:10.1016/j.apradiso.2010.09.007, 69 (2011) 237–240. M22

2.135. B. Jovanovic, D. Nikezic. Probability of bystander effect induced by alpha-particles emitted by radon progeny using the analytical model of tracheobronchial tree. Radiat. Prot. Dosim. Radiat Prot Dosimetry (2010) 142(2-4): 168-173 doi:10.1093/rpd/ncq277 M22

2.136. V.W.Y. Choi, C.K.M.Ng, D.Nikezic, T.Konishi, K.N.Yu. Micro-collimators fabricated by chemical etching of thin polyallyldiglycol carbonate polymer films exposed to oxygen ions. Nuclear Instruments and Methods in Physics Research A 631 (2011) 6–11. M21

2.137. D. Krstic and D. Nikezic. Debugging of ORNL Series of Mathematical Phantoms of Human Body. Acta Physica Polonica *A* Vol. 119 No. 3. (2011) M23

2.138. J. Stajic, D. Nikezic. Hit probability of disk shaped detector with particles of finite range emitted by a point like source. Applied Radiation and Isotopes
Volume 69, Issue 6, June 2011, Pages 875-879. M22

2.139. Milenkovic, B., Stevanovic, N. , Nikezic, D., Ivanovic, M. Computer program Neutron-CR-39 for simulation of neutrons from an Am-Be source and calculation of proton track profiles. Computer Physics Communications.Volume 182, Issue 7, July 2011, Pages 1536-1542 M21

2.140. Markovic V.M. Stevanovic N., Nikezic D. Doses from beta radiation in sensitive layers of human lung and dose conversion factors due to ^{222}Rn/^{220}Rn progeny. Radiation and Environmental Biophysics, DOI: 10.1007/s00411-011-0369-6. Vol 50 (3), pp. 431-440, 2011. M22

2.141. Jovanovic B., Nikezic D. Probability of bystander effect per mSv induce by α radiation. Journal of Radioanalytical and Nuclear Chemistry DOI: 10.1007/s10967-011-1110-2, 2011 Vol. 289 (3), pp. 751-755 M21

2.142. Jovanovic B., Nikezic D. Dependence of the probability of biological effects per hit, induced by radiation emitted by ^{222}Rn, from alpha particle energies and the geometry of tracheobronchial tree. Journal of Radioanalytical and Nuclear Chemistry, DOI: DOI: 10.1007/s10967-011-1201-0, 2011 Vol. 289 (3), pp. 939-944 M21

2.143. Jovanovic, B., Nikezic D., Stevanovic N., Applied mathematical modeling for calculating the probability of the cell killing per hit in the human lung. Journal of Radioanalytical and Nuclear Chemistry, 290 (3) , pp. 607-613 , 2011
DOI: 10.1007/s10967-011-1331-4 M21

2.144. Yu, K.N. , Nikezic, D., Long-term determination of airborne radon progeny concentrations using LR 115 solid-state nuclear track detectors, Radiat. Meas. 46 (12) , pp. 1799-1802. DOI: 10.1016/j.radmeas. 2011.04.025. M22

2.145. Milivojevic J., Nikezic D., Krstic D., Jelic M., Dalovic I. Influence of Physical-Chemical Characteristics of Soil on Zinc Distribution and Availability for Plants in Vertisols of Serbia. POLISH JOURNAL OF ENVIRONMENTAL STUDIES
Volume: 20 Issue: 4 Pages: 993-1000 Published: 2011 M23

2.146. J. Stajic, D. Nikezic.Detection efficiency of a disk shaped detector with a critical angle for particles with a finite range emitted by a point like source. Applied Radiation and Isotopes 2012. 70 (3) , pp. 528-532. M22

2.147. Kovačević, M.S., Nikezić, D**.** Monte Carlo simulation of Goos-Hänchen shifts in multimode step-index plastic optical fibres. *Physica Scripta* (T149) , 2012 art. no. 014029. M22

2.148. Stevanović, N., Marković, V.M., Arsenijević, M., Nikezić, D. Influence of electron motion in target atom on stopping power for low-energetic Ions. Nuclear Technology and Radiation Protection 27 (2) , 2012, pp. 113-116**. M23**

2.149. Krstic, D., Cuknic, O., Nikezic, D. Application of MCNP5 software for efficiency calculation of a whole body counter. 2012, *Health Physics* 102 (6) , pp. 657-663. M21

2.150. Yu, K.N., Nikezic, D. Long-term measurements of unattached radon progeny concentrations using solid-state nuclear track detectors, *Applied Radiation and Isotopes* 70 (7) , 2012, pp. 1104-1106. M22

2.151. Markovic, V.M., Krstic, D., Nikezic, D., Stevanovic, N. Doses from radon progeny as a source of external beta and gamma radiation. *Radiation and Environmental Biophysics* 51 (4) , 2012, pp. 391-397 M22

2.152. Krstic, D., Nikezic, D. Efficiency of whole-body counter for various body size calculated by MCNP5 software 2012 *Radiation Protection Dosimetry* 152 (1-3) , art. no. ncs219 , pp. 179-183. M22

2.153. Gulan, L., Milic, G., Bossew, P., Omori, Y., Ishikawa, T., Mishra, R., Mayya, Y.S., Nikezic D., Zunic, Z.S**.** Field experience on indoor radon, thoron and their progenies with solid-state detectors in a survey of Kosovo and Metohija (Balkan region) 2012 *Radiation Protection Dosimetry* 152 (1-3) , art. no. ncs221 , pp. 189-197. M22

2.154. Manić, V., Manić, G., Nikezic, D., Krstic, D**.** Calculation of dose rate conversion factors for ^{238}U, ^{232}Th and ^{40}K in concrete structures of various dimensions, with application to Niš, Serbia 2012. *Radiation Protection Dosimetry* 152 (4) , art. no. ncs058 , pp. 361-368. M22

2.155. Ćurguz, Z., Žunić, Z.S., Tollefsen, T., Jovanovič, P., Nikezić, D., Kolarž, P.

Active and passive radon concentration measurements and first-step mapping in schools of Banja Luka, Republic of Srpska 2013 *Romanian Reports of Physics* 58 (SUPPL.), pp. S90-S98 M23

2.156. Krstic, D., Nikezic, D., Markovic, V.M., Vucic, D. Absorbed fractions in sensitive regions of human respiratory tract calculated by MCNP5/X software for electrons and beta particles due to radon progeny 2013*Romanian Reports of Physics* 58 (SUPPL.) , pp. S164-S171 M23

2.157. Vučić, D.A., Nikezić, D., Vaupotič, J., Stojanovska, Z., Krstić, D., Žunić, Z.S. Effective dose for real population exposed to indoor radon in dwellings of the former uranium mine area Kalna (Eastern Serbia) **.**2013 *Romanian Reports of Physics* 58 (SUPPL.) , pp. S336-S347 M23

2.158. Gulan, L.R., Bochicchio, F., Carpentieri, C., Milić, G.A., Stajić, J.M., Krstić, D.Ž., Stojanovska, Z.A., Nikezic D., Žunić Z.S. High annual radon concentration in dwellings and natural radioactivity content in nearby soil in some rural areas of Kosovo and Metohija., 2013 *Nuclear Technology and Radiation Protection* 28 (1) , pp. 60-67. M22

2.159. Marković, V.M., Krstić, D., Stevanović, N., Nikezić, D.R. Photon albedo for water, concrete, and iron at normal incidence, and dependence on the thickness of reflecting material. 2013 *Nuclear Technology and Radiation Protection* 28 (1) , pp. 36-44. M22

2.160. Jelenković, E.V., Kovačević, M., Jha, S., Tong, K.Y., Nikezić, D. Defect generation in non-nitrided and nitrided sputtered gate oxides under post-irradiation Fowler-Nordheim constant current stress**.** 2013 *Microelectronic Engineering* 104 , pp. 90-94. M21

2.161. Luković, B., Nikezić, D., Plećević, L. Probability of cell transformation effect per mSv induced by α-particle radiation. 2013 *Journal of Radioanalytical and Nuclear Chemistry* 298 (2) , pp. 1341-1346. M21

2.162. Markovic, V.M., Stevanovic, N., Nikezic, D., Pucic, Dz.F., Urosevic, V.Specific energy distribution within cytoplasm and nucleoplasm of a typical mammalian cell due to various beta radionuclides 2014 *Journal of Radioanalytical and Nuclear Chemistry* , 299 (3), pp. 1723-1730 . M21

2.163. Nikezic D., K.N.Yu, J.M.Stajic. REVIEW OF SCIENTIFIC INSTRUMENTS **85**, 022102 (2014) Computer program for the sensitivity calculation of a CR-39 detector in a diffusion chamber for radon measurements. *Review of Scientific Instruments* 85, 022102 (2014) M21

2.164. B. Milenkovic, N. Stevanovic, D.Nikezic, D. Kosutic. Determination of a CR-39 detector response to neutrons from an Am–Be source. *Applied Radiation and Isotopes* 90(2014)225–228. M21

2.165. Stajic J., Nikezic D., Theoretical calculation of radon emanation factor. *Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms* 336, pp. 19-25, 2014. M21

2.166. Krstic, D., Jovanovic, Z., Markovic, V., Nikezic, D.,Urosevic, V. MCNP simulation of the dose distribution in liver cancer treatment for BNC therapy. *Central European Journal of Physics*. 2014, 12(10) pp 714-718. M23

2.167. B. Milenkovic, N. Stevanovic, D. Krstic and D. Nikezic. Neutron detection by a CR-39 detector and analysis of proton tracks etched in the same and opposite direction. *Radiation Protection Dosimetry*, doi *10.1093/rpd/nct321. (2014) 161 (1-4): 108-111.* M23

2.168. D. Krstic , V. M. Markovic, Z. Jovanovic, B. Milenkovic, D. Nikezic and J. Atanackovic Monte Carlo calculations of lung dose in ORNL phantom for boron neutron capture therapy. *Radiation Protection Dosimetry*. doi: 10.1093/rpd/nct365. (2014) 161 (1-4): 269-273. M23

2.169. Ljiljana Gulan, Zora S. Zunić, Gordana Milić, Tetsuo Ishikawa, Yasutaka Omori, Biljana Vučković, Dragoslav Nikezić, Dragana Krstić, and Peter Bossew. First step of indoor thoron mapping of Kosovo and Metohija. Radiat Prot Dosimetry, , 2014 doi:10.1093/rpd/ncu250. (2014) 162 (1-2): 157-162 M23

2.170. V. Manic, D. Nikezic, D. Krstic and G. Manic. Assessments of indoor absorbed gamma dose rate from natural radionuclides in concrete by the method of build-up factors. *Radiation Protection Dosimetry*, (2014) 162 (4): 609-617, doi 10.1093/rpd/nct358 M23

2.171. Stajic, J., Nikezic D., Analysis of radon and thoron progeny measurements based on air filtration. *Radiat Prot Dosimetry* (2015) 163 (3): 333-340 doi:10.1093/rpd/ncu183 M23

2.172. J. Stajic, D., Nikezic. Measurement of radon exhalation rates from some building materials used in Serbian construction. Journal of radioanalytical and nuclear chemistry. 2015. 303 (3), pp. 1943-1947 M21

2.173. J. Stajic, D. Nikezic. The accuracy of radon and thoron progeny concentrations measured through air filtration. Journal of Environmental Radioactivity, Volume 140, February 2015, Pages 50-58. M21

2.174. D. Nikezic, K.N. Yu. Theoretical feasibility study on neutron spectrometry with the polyallyldiglycol carbonate (PADC) solid-state nuclear track detector. Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 771, 21 January 2015, Pages 134-138

2.175. Nikezic, D., Milenkovic, B., Yu, K.N.
Databank of proton tracks in polyallyldiglycol carbonate (PADC) solid-state nuclear track detector for neutron energy spectrometry. (2015) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 802, pp. 97-101. M21

2.176. Milenkovic, B., Stajic, J.M., Gulan, L., Zeremski, T., Nikezic, D. Radioactivity levels and heavy metals in the urban soil of Central Serbia (2015) Environmental Science and Pollution Research, 22 (21), pp. 16732-16741. M21

2.177. Petrović, I., Petrović, V., Boèvarski, V., Krstić, D., Nikezić, D. Expert system for analysis of spectra of natural radionuclides (2015) UPB Scientific Bulletin, Series A: Applied Mathematics and Physics, 77 (3), pp. 285-298. M23

2.178. Stajic, J.M., Milenkovic, B., Nikezic, D.
Radon Concentrations in Schools and Kindergartens in Kragujevac City, Central Serbia (2015). Clean - Soil, Air, Water, 43 (10), pp. 1361-1365. M21

2.179. Goran Manić, Vesna Manić, Dragoslav Nikezić,Dragana Krstić,
The dose of gamma radiation from building materials and soil. NUKLEONIKA 2015;60(4):951-958 doi: 10.1515/nuka-2015-0148 M23

2.180. Manic, Vesna M.; Manic, Goran J.; Nikezic, Dragoslav R., Krstic D. The dose from radioactivity of covering construction materials in Serbia. Nuclear Technology & Radiation Protection. Volume: 30 Issue: 4 Pages: 287-293 Published: DEC 2015

2.181. Stajic, JM; Milenkovic, B; Pucarevic, M; Stojic, N; Vasiljevic, I; Nikezic, D . Exposure of school children to polycyclic aromatic hydrocarbons, heavy metals and radionuclides in the urban soil

of Kragujevac city, Central Serbia. CHEMOSPHERE Volume: 146 Pages: 68-74 DOI: 10.1016/j.chemosphere.2015.12.006 Published: MAR 2016

2.182. Nikezic D., Mshahmohad B., K.N.Y, Krstic D., Characteristics of protons exiting from a polyethylene converter irradiated by neutrons with energies between 1 keV and 10 MeV. PlosONE. Volume: 11 Issue: 6 Article Number: e0157627 Published: JUN 30 2016.

2.183. Djelic, G; Krstic, D; Stajic, JM; Milenkovic, B; Topuzovic, M; Nikezic, D; Vucic, D; Zeremski, T; Stankovic, M; Kostic, D Transfer factors of natural radionuclides and Cs-137 from soil to plants used in traditional medicine in central Serbia. JOURNAL OF ENVIRONMENTAL RADIOACTIVITY Volume: 158 Pages: 81-88 DOI: 10.1016/j.jenvrad.2016.03.028 Published: JUL 2016

2.184. Mehrdad Shahmohammadi Beni, Dragana Krstic, Dragoslav Nikezic and Kwan Ngok Yu. A calibration method for realistic neutron dosimetry in radiobiological experiments assisted by MCNP simulation. Accepted in Journal of Radiation Research, 2016, pp. 1–7 doi: 10.1093/jrr/rrw063 Regular Paper

3. RADOVI U NACIONALNIM ČASOPISIMA
(izvan ISI liste ili ponekad na njoj)

3.1. P.Markovic, ***D. Nikezic***, S. Milojevic. "Determination of total activity of water of the river and lake Gruza. MAN AND ENVIRONMENT 6, pp. 44; Belgrade 1984.

3.2. P. Markovic, ***D.Nikezic***, S. Milojevic, D.Kostic. Some results of the radioecological study of lake Gruz. COLLECTION OF SCIENTIFIC PAPERS- Faculty of Sciences- Kragujevac 7, pp. 73-79; 1986

3.3. ***D.Nikezic***, P.Markovic. "A Monte Carlo Calculation of the exposure dose due to the radioactive lightening rod", ACTA PHYSICA HUNGARICA 59, (1-2): pp. 91; 1986 (the Journal is on ISI list)

3.4. ***D.Nikezic***, P.Markovic, Dj. Bek Uzarov. "Indoor exposure rate calculations using by Monte Carlo Method" REVUE ROUM. DE PHYSIQUE, 33, (4-6): pp. 777-780; (Invited Paper),1988

3.5. ***D.Nikezic***, P.Markovic "The ratio of outdoor and indoor exposure dose rate after Chernobyl accident) COLLECTION OF SCIENTIFIC PAPERS- Faculty of Sciences- Kragujevac 9, pp 63-67;1988.

3.6. ***Nikezic, D***., Vasiljevic and Markovic, P.Indoor radon concentration Measurements. **Kernenergi** Vol 32 (4), 168-169 (1989)
(former East German Journal in Nuclear Physics, in SCI list for 1999)

3.7. D. Nikezić, K.N.Yu D. Kostić. Three dimensional model of track growth. Comparison with other model. *Nuclear Technology and Radiation Protection*. 18(2) 24-30, 2003.

3.8. K.N. Yu, D. Nikezic, F.M.F. Ng, B.M.F. Lau and J.K.C. Leung. Long-term measurements of radon progeny concentrations with LR 115 SSNTDs. *International Congress Series*, Volume 1276, February 2005, Pages 217-218.

MEDJUNARODNE NAUČNE KONFERENCIJE
1. ***D. Nikezic***, Lj. Vasiljevic, Markovic P. and D. Kostic. Indoor radon concentration measurements by using track etch detectors. XIV Regional congress of IRPA, pp 283, Dubrovnik 1987

2. ***D. Nikezic***, P. Markovic. An estimate of the radiation risk due to external exposure from Chernobyl accident. Proceed. of Italian-Yugoslav Symp. Rad. Protection Advances in Italy and Yugoslavia. pp.407 Udine, Italy 1988

3. ***D.Nikezic***, Lj. Vasiljevic. Indoor radon concentration measurements by using SSNTD. Proceed. International Workshop on Radon Monitoring. ICTP Trieste, Italy, World Scientific Publisher, CO, Singapore, page 484, 1989.

4. R. Benderac, ***D. Nikezic,*** D. Velickovic, D. Ristic, Application of a new home made track detector CN-BDH in radon measurements. Radiation Protection. Selected Topics, Proceed. of the 30 Anniversary Symp. of the Radiat. Protect. In B. Kidric Institute, pp. 99 Dubrovnik 1989.

5. D. Velickovic, ***D. Nikezic***, R. Benderac, Lj.Vasiljevic. Indoor radon measurements in Belgrade. Radiation Protection. Selected Topics, Proceed. of the 30 Anniversary Symp. of the Radiat. Protect. In B. Kidric Institute, pp. 502 Dubrovnik 1989.

6. ***D. Nikezic***, P. Markovic, V. Milovanovic. An optimization of the detector-electret geometry in diffusion chamber for radon measurements. Italian-Yugoslav Symp. on Radiation Protection. Plitvice , pp 269, 1990

7. ***D. Nikezic***, P. Markovic. A mathematical model for calculation of the lung dose from inhaled radon-222 and its daughters. World congress of IRPA, IRPA 8, Montreal Canada 1992

8. P. Markovic, ***D. Nikezic*.** Calculation and experimental determination of the calibration coefficient for radon measurements using LR-115 detector in diffusion chamber. IRPA8 Montreal Canada, 1992

9. T.K. Cheung , K.N. Yu, ***D. Nikezic,*** A.K.M.M. Haque and D. Vucic Bronchial Dosimeter for Radon Progeny. 10^{th} International Congress od The International Radiation Protection Association. IRPA10. May 14-19, Hiroshima, Japan, 2000.

10.***Nikezic, D.***, Ho, J.P.Y., Yip, C.W.Y., Koo, V.S.Y., Yu, K.N, "Simulation of Track Structures Revealed by Atomic Force Microscopy", 1^{st} Asian and Oceanic Congress for Radiation Protection (AOCRP-1), October 20-24, 2002, Seoul, Korea.

11. V.S.Y., Yip, C.W.Y., Ho, J.P.Y., ***Nikezic, D.,*** Yu, K.N., "Track Density Distribution on LR115 Detector and Deposition Fraction of ^{218}Po in Diffusion Chamber", 1^{st} Asian and Oceanic Congress for Radiation Protection (AOCRP-1), October 20-24, 2002, Seoul, Korea.

12.Yip, C.W.Y., Ho, J.P.Y., Koo, V.S.Y., ***Nikezic, D.,*** Yu, K.N.**,** "A Fast Method to Measure the Thickness of Removed Layer from Etching of LR115 SSNTD Based on EDXRF", 1^{st} Asian and Oceanic Congress for Radiation Protection (AOCRP-1), October 20-24, 2002, Seoul, Korea.

13.Ho, J.P.Y., Yip, C.W.Y., Koo, V.S.Y., ***Nikezic, D***., Yu, K.N., "Measurement of Bulk Etch Rate of LR115 Detector with Atomic Force Microscopy", 1^{st} Asian and Oceanic Congress for Radiation Protection (AOCRP-1), October 20-24, 2002, Seoul, Korea.

14. A. Djordjevic, M. Kovacevic, D. Nikezic. Curvature Gauge simulation by ray tracing. Fifth General Conference of the Balkan Physical Union

15. D.Krstic, D Nikezic. Calculation of absorbed dose in lung due to the Cs137 in soil. Fifth General Conference of the Balkan Physical Union

16. D. Nikezic, and K.N. Yu, D. Kostic. Three dimensional model of the track growth- comparison with other models. (Invited talk). I ECE workshop (electrochemical etching), Beograd. 2003

17. V. Urošević and D. Nikezić. Improving radon measurements with active charcoal and designing domestic canister. (Invited talk). I ECE workshop (electrochemical etching), Beograd. 2003

B) Printed only abstracts

1. D. Nikezic, D. Kostic, C. Baixeras. "Sensitivity of LR115 detector in different cylindrical diffusion chambers-an experimental study". XVIII International Conference on nuclear tracks in solids, Cairo-Egypt. Sept. 1996

2. A. Janicijevic, D. Nikezic. "Some performances of an LR115 detector relevant for radon measurements", XVIII International Conference on nuclear tracks in solids, Cairo-Egypt. Sept. 1996

3. D. Nikezic, D. Vucic. "The location and distribution of the Bragg peak in the epithelium of a tracheo-bronchial tree" First confer. of Yugoslav Nuclear Society, Beograd 1996.

4. Z. Zunic, J. J. McLaughlin, M. Kovacevic, D. Velickovic, R. Benderac, B. Radak, R. Simovic, D. Nikezic, S. Perovic, V. Gordanic, S. Pavlovic, M. Spasic, M. Demajo, R. Kljajic, G. Bogdanovic, "Research proposal for national radon project in Yugoslavia". First confer. of Yugoslav Nuclear Society, Beograd 1996.

5. D. Kostic, D. Nikezic "Determining of the track parameters in SSSNTD CR 39 due to the alpha particles". First confer. of Yugoslav Nuclear Society, Beograd 1996.

6. Kostic, Dj.Bek Uzarov, D. Nikezic. "Human somatic and Genetic ionizing radiation injure risks of Kragujevac population in last decade".First confer. of Yugoslav Nuclear Society, Beograd 1996.

7. B.M.F.Lau, D. Nikezic, and K.N.Yu. Transformation of Targets cells with different geometries due to radon progeny in the human lung. 14th International Symposium on Microdosimetry, Venecia, Novembar 2005, Italija.

8. K.F. Chan, B.M.F. Lau, D. Nikezic, A.KW. Tse, W.F. Fong and K.N.Yu, Alpha praticle radiobiological experiment usig thin CR-39 detectors. 14th International Symposium on Microdosimetry, Venecia, Novembar 2005, Italija.

9. D. Vučić and D.Nikezić, Influence of the relevant biological human lung parameters on the radon progenies absorbed dose. II ECE Workshop, Niška Banja, 2005

10. D. Nikezić , N. Stevanović, D. Krstić , V. Urošević. Behaviour of ^{218}Po in diffusion chamber for radon measurements. II ECE Workshop, Niska Banja, 2005

POGLAVLJA U NACIONALNOJ MONOGRAFIJI O PRIRODNOM ZRAČENJU

5.1. ***D. Nikezic***
Radon- the main radioactive contaminant of environment. III Sump. on natural radiation page 145-190, Vinca, Belgrade 1994 R2.3

5.2. S. Glodic-Pavlovic, ***D. Nikezic.*** Levels of exposure to ionizing radiation, ibid 5.1, page 335-360

5.3. ***D. Nikezic***, D. Kostic. Sensitivity of CR39 detector for radon measurements in different types of diffusion chambers. ibid 5.1. page 213-219

5.4. ***D. Nikezic***, D. Vucic. Calculating the conversion coefficient for basal cells and secretory cells of T-B tree based on three groups of experimental data. ibid 5.1. page 361-372

5.5. D. Krstic, ***D. Nikezic***, R. Benderac, Dj. Bek Uzarov. Experimental determination of the factor of electrostatical collection of radon short lived progeny by using an electret. ibid 5.1. page 205-211

6. RADOVI NA SKUPOVIMA NACIONALNOG ZNAČAJA STAMPANI U CELINI

6.1. Marković P., Nikezić D., Ristić . "Diferencijalna cena korist analiza sa slučaj gradjevinskih materijala sa povišenom prirodnom koncentracijom radionuklida", XI Simp. JDZZ (Jugoslovensko društvo za zaštitu od zračenja), Portorož 1981

6.2. Marković P., Ristić ., Nikezić D., "Doprinos ozračivanju stanovništva od zračenja uslovljenog gra|evinskim materijalima", XI Simp JDZZ, Portorož 1981.

6.3. Manojlović Z., Marković P., Ristić ,Milojević S., Nikezić D. "Odre|ivanje pacijentnih doza i doza koje primi osoblje pri upotrebi rentgen aparata Superix 800-pantofix 3.", XX Sastanak Koordinacionog odbora za biofiziku, Priština 1982

6.4. Kostić D., Nikezić D., Marković P.,Milojević S.,Ristić "Karakteristike i korišćenje snopa X zračenja emitovanog ure|ajem TEL-X-Ometar TEL 580", XX Sastanak Koordinacionog odbora za biofiziku, Priština 1982

6.5. Nikezić D., Marković P.,Danilović M. "Izvodjenje izraza za predatu energiju jonizujućeg zračenja i računanje koeficijenta apsorpcije", XII Simp JDZZ, Ohrid 1983

6.6. Nikezić D., Marković P., Milić A. "Modelovanje ugla rasejanja fotona u Komptonovom efektu primenom von Neummann-ovog metoda" ,XIII Simp. JDZZ, Pula 1985

6.7. Nikezić D., Marković P., Protić K., Milojević S. "Odre|ivanje specifične beta aktivnosti u vodama regiona [umadije i Pomoravlja", V kongres matematičara, fizičara i astronoma Jugoslavije, Priština 1985 (dat samo abstrakt)

6.8. Milojević S., Marković P., Nikezić D. "Radiološka istraživanja reke i jezera Gruža", ,XIII Simp. JDZZ, str 165, 1985

6.9. Nikezić D., Marković, P., Kostić D.,\.Bek Uzarov., M.Križman, "Identifikacija radionuklida i merenje aktivnosti u padavinama 1 i 2 og maja 1986", II Savetovanje o prirodnom zračenju, str. 147, Kragujevac 1986

6.10 Kostić D., Nikezić D., Marković P., Milojević S. "Odredjivanje ukupne beta aktivnosti vode, hrane, trave i zemlje u toku maja 1986", II Savetovanje o prirodnom zračenju, str. 105 Kragujevac 1986

6.11. Marković P., Kostić D., Nikezić D., Milojević S."Merenje jačine ekspozicione doze u Kragujevcu i okolini u toku maja 1986", II Savetovanje o prirodnom zračenju, str 27.Kragujevac 1986

6.12. Marković P., Nikezić D.,Ristić \. "Merenje jačine ekspozicione doze u zatvorenim prostorijama", XIV Simp JDZZ, str 42, Novi Sad 1987

6.13. Nikezić D., Marković P., Kostić D., Milojević S. "Merenje ukupne beta aktivnosti otpadnih voda regiona [umadije i Pomoravlja", XIV Simp JDZZ, Novi Sad 1987

6.14.. D. Nikezić "Kalibracija aktivnog uglja za merenje koncentracije radona u atmosferi" Simp. JUKEM 13 Split 1988

6.15. D.Nikezić V. Babović "Matematički model sočiva auto-fara" XXXIII ETAN str 117, Novi Sad 1988

6.16. D.Nikezić "Proračun doze u plućima od udahnutih alfa emitera" XV Simp. JDZZ, Priština 1989

6.17. R.Krstić D.Nikezić "Apsorbovana doza kod profesionalno zaposlenih Lica pri manipulaciji Tc u KBC "Kragujevac". XV Simp. JDZZ, Priština 1989

6.18. D. Nikezić, P. Marković, "Alfa dozni faktori za pet režnjeva T-B stabla", XVI Simp. JDZZ, str 420. Neum 1991

6.19. P.Marković, D. Nikezić, "Radioaktivnost prirodne sredine opštine Kruševac", XVI Simp. JDZZ str 76. Neum 1991

6.20. O. Čuknić, S. Djurov D. Nikezić, P. Marković, "Merenje koncentracije radona u zatvorenim prostorijama Požarevca i Svilajnca", XVII Simp. JDZZ, str 99, Beograd 1993

6.21. Dj. Bek- Uzarov, D.Kostić, D. Nikezić, "Dozimetrija nakon Černobiljskog Akcidenta" XVII Simp. JDZZ, str 53. Beograd 1993

6.22. D.Kostić, Dj. Bek-Uzarov, D.Nikezić, "Odre|ivanje ekvivalentne doze i procena radijacionog rizika stanovništva Kragujevca nakon Černobiljskog akcidenta", XVII Simp. JDZZ, str 61. Beograd 1993

6.23.Krstić, D. Nikezić., P. Marković, Difuziona komora za merenje radona sa elektretom i trag detektorom LR 115-II".XVII Simp. JDZZ, str 85. Beograd 1993

6.24. Jovanović, D. Nikezić, "Računanje kalibracionog koeficijenta za merenje radona trag detektorom CR 39", XVII Simp. JDZZ, str 89. Beograd 1993

6.25. D. Veličković, D. Nikezić, R. Benderać, P. Marković, Z. Žunić, M. Kovačević, "Komparativno merenje radona trag detektorima u realnim uslovima", XVII JDZZ, str 103. Beograd 1993

6.26. Marković, D. Nikezić. "Obrazovanje kadrova iz oblasti zaštite od zračenja na PMF-u U Kragujevcu", VIII Simpozijum JDZZ, Beograd, str 311. 1993

6.27. Krstić, P. Marković, D. Nikezić. "Povećanje efikasnosti merenja radona difuzionom komorom sa LR-115 trag detektorom dodatkom teflonskog elektreta", ETAN, Ulcinj 1993

6.28. D.Nikezić, D.Krstić, D.Kostić, .Bek-Uzarov, "Optimizacija difuzione komore za merenje radona", XVIII Simp JDZZ, Bečići, str 115. 1995.

6.29. D. Nikezić, D. Vučić. "Novi ICRP model respiratornog trakta". XVIII Simp JDZZ, Bečići, str 335. 1995.

6.30. Marković, D. Nikezić, P. Marković. "Odredjivanje koncentracije radona u stambenim prostorijama naselja Rudnik". XVIII Simp JDZZ, Bečići, str 261.1995.

6.31. Bek-Uzarov, D.Nikezić, D.Kostić, D.Krstić, O.Čuknić. "Metrologija i standardizacija u fizici Jugoslavije", 9-ti kongres matematičara, fizičara i astronoma Jugoslavije, Petrovac 1995.

6.32. Dj. Bek-Uzarov, Z. Djukić, D. Kostić, D. Nikezić. O Čuknić. Ekvivalentne doze od interne kontaminacije gradjana SR Jugoslavije kontaminiranih u okolini Černobilja aprila i maja 1986 godine. Savetovanje, Černobilj 10 godina posle. Budva 1996.

6.34.Aco Janićijević i Dragoslav Nikezić. Odredjivanje kumulativne ekspozicije radonovim potomcima merenjem alfa zračenja sa stakla detektorom LR115. Zbornik XIX Simpozijum JDZZ str.215-219. Golubac 1997

6.35..Kostić, D. Nikezić i D. Krstić. Simulacija rasta traga i nova mogućnost merenja ^{214}Po u vazduhu detektorom CR39. Zbornik XIX Simpozijum JDZZ, str.221-224, Golubac 1997

6.36. D. Krstić, D Nikezić, D. Kostić. Detekcija a -zračenja radona i njegovih potomaka trag detektorom LR 115 u kombinaciji sa elektretom. Zbornik XIX Simpozium JDZZ. str 225-228, Golubac 1977

6.37. Vlade Urošević i Dragoslav Nikezić*. Simulacija adsorpcije radona metodom konačnih elemenata i eksperimentalna verifikacija. Zbornik XIX Simpozium JDZZ. str. 229-233, Golubac 1977

6.38. D. Vučić, D. Nikezić. Prikaz programa LUDEP za proračun doze u ljudskom respiratornom traktu. 20 Simp. JDZZ (1999) str 163-166

6.39. D. Kostić, D. Nikezić i D. Krstić. Raspodela tragova na detektoru CR39 ozračenog radonom za različite faktore ravnoteže. 20 Simp. JDZZ (1999) str 159-162

6.40. V. Urošević, D. Nikezić. Simulacija Skim-off metode za merenje koncentracije radona aktivnim ugljem. 20 Simp. JDZZ (1999) str 149-153

6.41. D. Nikezić, D. Krstić, M. Kovačević, D. Kostić S. Savović Radiajaciona situacija na teritoriji Kragujevca u toku NATO agresije. 20 Simp. JDZZ str. 57-60

6.42. D. Nikezić i A. Janićijević. Aktuelne ICRP I ICRU velicine u radioloskoj zastiti od spoljasnjeg zracenja. 21. Simpozijum JDZZ. Str 29-37, Kladovo 2001.

6.43. V.Urošević, D.Nikezić. M. Kovačević, G. Pantelić. Prenos radona kroz beton i i odredijvanje koeficijenta difuzije za betone tipicne za Srbiju. 21. Simpozijum JDZZ. Str 151-155, Kladovo 2001.

6.44. D.Nikezic i D. Vucic. Kompjuterski program za dozimetrijski model respiratornog trakta. 21. Simpozijum JDZZ. Str 159-162, Kladovo 2001. (pozvano predavanje)

6.45. D. Nikezić. Kolika je stvarna opasnost od osiromašenog urana.
Zbornik Republičkog seminara za nastavnike fizike. Vrnjačka Banja 2002

6.46. D. Nikezic, K.N. Yu and D. Vucic. Dozimetrijski model ljudskog respiratornog trakta. Predavanje po pozivu. (Invited talk). ETRAN conferencija. Herceg Novi, 2003

6.47. Aco Janićijević, Dragoslav Nikezić*:* Cena - korist analiza smanjivanja nivoa radona u zatvorenim prostorijama ETRAN conferencija. Herceg Novi, 2003.

6.48. N. Stevanović, D. Nikezić, D. Krstić, D. Kostić, M.S.Kovačević. Faktor uzmaka radonovih potomaka. Zbornik radova, XXIII Simpozijum DZZSCG, Donji Milanovac 26-28 septembar, 2005. 327-331, ISBN: 86-7306-075-3

6.49. D. Krstić, D. Nikezić, N. Stevanović, D. Vučić. Radioaktivnost nekih uvoznih gradjevinskih materijala. Zbornik radova, XXIII Simpozijum DZZSCG, Donji Milanovac 26-28 septembar, 2005. 309-311, ISBN: 86-7306-075-3

6.50. Biljana Milenković, Jelena STAJIĆ, Ljiljana Gulan i Dragoslav Nikezić. Radioaktivnost zemljišta na teritoriji grada Kragujevca. Zbornik Simpozijuma Društva za Zaštitu od Zračenja Srbije i Crne Gore, Vršac, 2015. strana 134

6.51. Владимир Удовичић, Димитрије Малетић, Маја Еремић Савковић, Гордана Пантелић, Предраг Ујић, Игор Челиковић , Софија Форкапић, Драгослав Никезић , Владимир Марковић, Весна Арсић, Јована Илић. Национални програм мерења радона у Србији. Zbornik Simpozijuma Društva za Zaštitu od Zračenja Srbije i Crne Gore, Vršac, 2015. strana 173

6.52. Ljiljana Gulan, Gordana Milić, Carmela Carpentieri, Dragoslav Nikezić, Francesco Bochicchio i Zora S. Žunić. Korelacija između radona u zatvorenim prostorijama i sadržaja radijuma u zemljištu na Kosovu i Metohiji. Zbornik Simpozijuma Društva za Zaštitu od Zračenja Srbije i Crne Gore, Vršac, 2015. strana 241

6.53. Зоран Јовановић , Драгана Крстић, Оливера Цирај-Бјелац, и Драгослав Никезић. Конверзиони коефицијенти Керме у ваздуху у Hp(3) за одабране стандардне квалитете снопа x-зрачења, Zbornik Simpozijuma Društva za Zaštitu od Zračenja Srbije i Crne Gore, Vršac, 2015. strana 334

6.54. Dragoslav Nikezić, Biljana Milenković i K.N.Yu. Analiza mogućnosti spektrometrije neutrona PADC detektorom. Zbornik Simpozijuma Društva za Zaštitu od Zračenja Srbije i Crne Gore, Vršac, 2015. strana 511

UDZBNICI

1. S. Stamenkovic, D. Nikezic. Uvod u fiziku. PMF-Kragujevac, 1995
2. D. Nikezic. Praktikum Atomske i Nuklearne fizike, PMF Kragujevac 1998
3 Delimicni nerecenezirani prevod. Atoms, molekules and radiation. J. Turner
4. D. Nikezic. Fortran 90 i Visual Fortran. Kragujevac. 2005.

SOFTFERI

1. Kompjuterski program za konstrukciju fara automobila.PMF Kragujevac i Zastava automobili

2. Kompjuterski program za dozimetrijski model ljudskog respiratornog trakta. PMF Kragujevac.

3. Kompjuterski program za simuliranje rasta traga u čvrstim trag detektorima.
http://www.cityu.edu.hk/ap/nru/nrures_t.htm

OSTALE AKTIVNOSTI

1.MENTORSTVA

Odbranjene doktorske disertacije

1.1. Vlade Urošević Difusioни transport radona kroz porozne sredine. Univerziztetu Kragujevcu, PMF-Kragujevac 2001

1.2. Dragana Krstić. Vertikalna raspodela radionuklida ^{137}Cs u tlu okoline Kragujevca početkom 21. veka i proračune efektivne doze. Univerzitet u Kragujevcu, PMF Kragujevac 2003

1.3.N Stevanovic. Računanje zaustavne moći predstavljanjem projektila i mete skupom kvantnih oscilatora. (Univerzitet u Kragujevcu, PMF Kragujevac 2006)

1.4. Dušica Vučić. Primena ICRP66 dozimetrijskog modela respiratornog trakta za izracunavanje efektivne doze realne populacije izložene radonu. (Univerzitet u Kragujevcu 2012).

1.5. Brankica Jovanović. Simulacija efekat posmatrača izazvanog alfa zračenjem u bifurkacionoj strukturi traheo bronhijalnog stabla čoveka. Univerzitet u Kragujevcu 2011.

1.6. Vesna Manić. Odredjivanje doze gama zračenja iz prirodnih radionuklida u gradjevinskim materijalim. Univerzitet u Nišu 2013.

1.7. Biljana Milenković Efikasnost detektora CR-39 i proračun doze pri ozračivanju neutronima. (Univerzitet u Kragujevcu 2013).

1.8. Zoran Curguz. Merenje i analiza koncentracije radona pasivnom i aktivnom metodom na području grada Banja Luke. Univerzitet u Kragujevcu 2014.

1.9. Jelena Stajic (Bozovic). Proučavanje emanacije, ekshalacije i mernih tehnika radona. (Univerzitet u Kragujevcu 2016)

Prijavljene doktorske teme- u izradi.

1.10. Ispitivanje osobina detektora CR-39 za dozimetriju radona. (Univerzitet u Kragujevcu 2012, kandidat D. Kostić)

1.11. Marija Škorić (Jeremić). (Univerzitet u Kragujevcu 2016).

Magistarski radovi:

2.1. Povećanje efikasnosti merenja koncentracije radona dodatkom elektreta KGR-1 difuzionoj komori sa trag detektorom LR 115II, (mr Dragana Krstić) PMF-Kragujevac 1994.

2.2. Izračunavanje apsorbovane doze od udahnutih radonovih potomaka u ćelijama osetljivim na iniciranje kancera u traheo bronhijalnom stablu ljudskih pluća. (mr Dušica Vučić). PMF-Kragujevac 1995.

2.3. Simulacija adsorpcije radona na aktivnom uglju i eksperimentalna verifikacija. (mr Vlade Urošević) PMF- Kragujevac 1997

2.4. Merenje radonovih kratkozivecih potomaka trag detektorima. (mr. Aco Janicijevic) PMF Kragujevac. 1998

2.5. Faktor uzmaka ^{214}Pb. (mr. Nenad Stevanovic). PMF Kragujevac, 2004.

2.6. Proracun absorbovane frakcije alfa cestica u bifurkacionoj geometriju. (Brankica Novakovic) PMF Kragujevac, 2004.

B) Specijalistički radovi:

3.1. Računsko odredjivanje kalibracionog koeficijenta za merenje radona trag detektorom CR39 metodom Monte Karlo (kandidat Branislav Jovanović) PMF-Kragujevac 1993.

3.2. Odredjivanje koncentracije radona u stambenim prostorijama naselja Rudnik. (kandidat Gordana Marković) PMF-Kragujevac 1994.

3.3. Odredjivanje srednjeg sadržaja radona u zatvorenim prostorijama Požarevca. (kandidat Sofija Djurov) PMF-Kragujevac 1994.

3.4. Radioaktivnost teritorije opštine Raška, sa posebnim osvrtom na osiromašeni uran. (kandidat Jovanovic Zoran) PMF- Kragujevac. Jun 2006.

Učešće u komisijama za odbranu doktorskih disertacija, magistarskih teza i specijalističkih radova (bez mentorstva ili komentorstvo)

1. dr Svetislav Savović (doktorska disertacija)
2. dr Dragan Šarković (doktorska disertacija)
3. mr Dragana Kostić (mag. rad)–komentorstvo sa prof. Dj.Bek Uzarovim
4. mr Ivan Tomljenović (mag. rad)
5. mr Križman Milko (mag. rad)
6. mr Vladan Jovović (mag. rad)- komentorstvo sa prof. P. Markovićem
7. Arh Stanko (specijalistički rad)
8. Slobodan Jokić (specijalistički rad)
9. Djokic Aca (magistarski rad, Vlade Urosevic mentor)
10. dr Milan Kovačević (doktorska disertacija)
11. Sofija Forkapic (Univ.Novi Sad, doktorska disertacija)

2.PROJEKTI

a)Kod republičkog Ministarstva za nauku i tehnologiju:

2.1. **Rukovodilac** naučno istraživačkog razvojnog projekta Razvoj softvera za konstrukciju automobilskog fara. (Razvojni projekat finansiran i završen u toku 1995 god)

2.2. Učesnik na projektu 1990-1995: Fizički osnovi unapredjenja i zaštite čovekove okoline. Rukovodilac dr Živorad Vuković (INN-Vinča Beograd).

2.3. **Rukovodilac** na projektu : Razvoj eksperimentalnih i teorijskih modela u radioekologiji, br 1425 (2002-2005)

2.4. **Rukovodilac** na projektu. Teorijska i eksperimentalna istraživanja u mikrodozimetriji i radioekologiji. br. 141023 (2006-2010)

2.5. **Rukovodilac** na projektu broj 171021. (2011-2016)

B) Projekti kod (bivše) Regionalne zajednice nauke Sumadije i Pomoravlja

2.4. Stanje, problemi, mogućnosti i mere zaštite i unapredjenje životne sredine na području Regiona Šumadije i Pomoravlja. (Rukovodilac dr Randjel Mihaljović i dr Petar Marković)

2.5 Multidisciplinarna istraživanja u slivu Gruže u cilju formiranja, održavanja i zaštite akomulacionog jezera. (Rukovodilac dr Petar Marković)

2.6 Studije.

a. Ekološka studija regiona Sumadije i Pomoravlja.

b. Ekološka studija Grada Kragujevca.

c. Ekološka studija Opštine Kruševac.

3. GOSTOVANJA I RAD U NAUČNIM INSTITUCIJAMA U INOSTRANSTVU

A) Profesor po pozivu na predmetu "Radon dosimetry" (poslediplomske studije) na Univerzitetu Autonoma de Barcelona u Barseloni, Španija (1 godina, u toku 1994-1995).

B) Gostijući istraživač na City University of Hong Kong (oko 5 godina, u više navrata u 1998-2015)

4. Nastavna aktivnost

Na Prirodno matematičkom fakultetu u Kragujevcu izvodio nastavu iz sledećih nastavnih predmeta:

4.1. Radijaciona fizika i zaštita od jonizujućeg zračenja

4.2. Primena mikroračunara u fizici

4.3. Uvod u Atomsku fiziku

4.4. Subatomska fizika

Pored nastave na PMF-u predavao je na Višoj tehničkoj školi u Kragujevcu, Opšti kurs fizike.

Pre izbora u zvanje docenta počev od 1978 do 1991 izvodio vežbe iz sledećih predmeta:

Uvod u Atomsku fiziku

Subatomska fizika

Radijaciona fizika i zaštita od jonizujućeg zračenja

Matematička fizika

Angažman na Državnom Univerzitetu u Novom Pazaru na master studijama na predmetu Kvantna Mehanika i na osnovnim studijama, na predmetu Toplotna fizika. 2013-..

5. Društveno stručna aktivnost.

Učestvovao je u organizaciji većeg broja Jugoslovenskih savetovanja na temu "Zračenje u čovekovoj okolini". (1984 u Kragujevcu, 1986 u Kragujevcu i 1994 u Beogradu). Član organizacionog odbora 19. 20. i 21. Simpozijuma Jugoslovenskog drustva za zaštitu od zračenja.

Organizovao i uredio zbornik "Zimski seminar fizičara" za nastavnike osnovnih i srednjih škola Srbije. 15 -16 januara 1998 u Kragujevcu

6. Recenzije
6.1. Recenzija udzbenika za studente fizike
Subatomska Fizika, autora prof. dr. Stevana Jokića

6.2. Recenzija udzbenika iz fizike za osnovnu školu
Fizika, autori M.Stanić i D. Ognjanović.

6.3. Recenzija
Primena Metode Monte Karlo u Nuklearnoj fizici, autora S. Savovica

6.4.Recenzija
Osnovi fizike čestica i Nuklearne fizike, Dušan Mrdja i Ištvan Bikit, Univ. Novi Sad. 2016

7. Predavanja po pozivu.
Aktuelna pitanja u radioekologiji. Prirodno matematički fakultet- Niš ,
Maj 2002

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