

תאריך : 01-03-2020



עמוד 20 מתוך 80
בני סרוסי – א' מחקר

מדינת ישראל
הקריה למחקר גרעיני

רשימת מסמכים ודוחות

מקבלת דרגה ב

פירסומים בכנסים

- A1.A. Osovizky, B. Laster, A.A. Wilson, P. Bloomfield, **B. Sarusi**, N. Vasdev, T. Bell, A. Garcia, and S. Houle, "New Detection Configuration for Low Activity Levels of PET Tracers During the Analysis of Plasma Samples", Applied radiation and isotopes, Vol. 151, Pages 317-330, Sep 2019
- A2.Ran Aharoni, Valentina Klymiuk, **Benny Sarusi**, Sierra Young, Tsion Fahima, Barak Fishbein, Shai Kendler "Early detection of yellow rust in bread wheat using spectral measurements and random data analysis" May 2019
- A3.A. Osovizky, E. Vax, A. Broide, **B. Sarusi**, U. Wengrowicz, M. Sheinfeld, D. Portnoy, T. Mazor, S. Dadon and Y. Kadmon "Environmental Radiation Monitoring Metrology", Safety Standard 505 Technical Committee, Vienna International Centre Dec. (2018)
- A4.Y. Knafo, **B. Sarusi**, D. Ginzburg, A. Manor, Y. Kadmon and A. Osovizky, "Advanced Electronics Platform Based on MCU for Nuclear Applications", 29th Conference of the Nuclear Societies, Herzeliya, Israel, May (2018)
- A5.L. Yacobi, E. behar, S. Tarem, A. Osovizky, Y. Ifergan, E. Vax, Y. Yehuda-Zada, **B. Sarusi**, D. Smadja, S. Dadon, and Y. Kadmon, "Segmented Gamma-Ray Scintillator Detectors with Directional Capabilities", E-Astrogam scientific workshop, Padova Italy March (2017)
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- A7.Y. Ifergan, E. Vax, Y. Yehuda-Zada, **B. Sarussi**, D. Smadja, Y. Levin, S. Dadon, Y. Levin, Y. Knafo, T. Mazor, Y. Kadmon and A. Osovizky "Improving the Radiation Detection Level and Operational Data of pre and post Event Monitoring Systems", IAEA International Conference on Nuclear Security, Vienna Austria, Dec. 2016
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A9. Effect of initiating moderate alcohol intake on cardiometabolic risk in adults with type 2 diabetes:

A 2-year randomized, control trial Genpner Y., Golan R., Harman-Boehm, I., Henkin Y., Schwarzfuchs, D., Shelef, I., Durst, R., Kovsan, J., Bolotin, A., Leitersdorf, E., Shpitzen, S., Balag, S., Shemesh, E., Witkow, S., Tangi-Rozental, O., Chassidim, Y., Liberty, I.F., **Sarusi, B.**, Ben Avraham, S., Helander, A., Ceglarek, U., Stumvoll, M., Theyry, J., Helander, A., Rudich, A., Stamper, M.J., Shai, I. Annals of Internal Medicine Volume 163, issue 8, year 2015, pp- 569 – 579

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- A17. **B. Sarusi**, S. Levinson, A Osovizky, V. Pushkarsky, U. German, T. Mazor, Y. Cohen and I. Belaish, "**Syntetic software γ -ray spectra generation of SNM masking scenarios for Homland Security Application**", SPIE Optics + Photonics, San Diego Aug. 2010.
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- A19. S. Levinson, **B. Sarusi**, A Osovizky, V. Pushkarsky, U. German, E. Marcus, Y. Cohen and I. Belaish, "**Synthetic γ -ray Spectra Generation for Homeland Security Applications**", The 23rd Conference of of the Nuclear Societies in Israel, confrence record p. 244-248, Dead sea Feb. (2010)
- A20. **B. Sarusi**, S. Levinson, , A Osovizky, V. Pushkarsky, U. German, E. Marcus, Y. Cohen and I. Belaish, "**Synthetic Gamma-ray Spectra for Homeland Security Radio-Nuclides Analysis**", IEEE Nuclear Science Symposium and Medical Imaging Conference record, p.504-508, Orlando, USA (2009)
- A21. E. Vax, **B. Sarusi**, M. Sheinfeld, S. Levinson, I. Brandys, E. Marcus, A. Osovizky, Y. Kadmon and Y. Cohen, "**An Integrated Approach For Multi Purpose Fast Deployment Environmental Radiation Monitoring System**", IEEE Nuclear Science Symposium and Medical Imaging Conference record, p.912-913, Orlando, USA (2009)
- A22. E. Vax, **B. Sarusi**, M. Sheinfeld, S. Levinson, I. Brandys, E. Marcus, A. Osovizky, Y. Kadmon and y. cohen, "**an integrated approach for multi purpose fast deployment Radiation Monitoring System**", IEEE Nuclear Science Symposium and Medical Imaging Conference, Orlando, USA (2009) – poster.
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- A24. **B. Sarusi**, E. Vax, S. Levinson, U. Wengrowitz, D. Tirosh, "**Environmental Radiation Monitoring System – Control Center**", The 24th Conference of the nuclear societies in Israel, February 2008.



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- A27. **Wight Loss with low-carbohydrate, Mediterranean, or low-fat diet**, Shai , I. Scwarzfuchs, D., Henkin, Y., Shahar, D.R., Witkow, S., Greenberg, I., Golan, R., Fraser, D., Bolotin, A., Vardi, H., Tangi-Rozental, O., Zuk-Ramot, R., **Sarusi, B.**, Brickner, D., Schwartz, Z., Sheiner, E., Marko, R., Katorza, E., Theiry, J., Fiedler, G.M., Stumvoll, M., Stamper, M.J., New England Journal of Medicine Volume 359, issue 3, year 2008m pp 229 – 241
- A28. A. Osovizky, B. Laster, A. Wilson, T. Harris, **B. Sarusi**, U. Wengrowicz, D. Tirosh, S. Houle, "**Measurement of PET Tracers Low Activity Levels During Plasma Samples Analysis**", The 24th Conference of the Nuclear Societies in Israel, p.66-68, Dead sea, Israel, Feb. (2008).
- A29. E. Vax, **B. Sarusi**, M. Sheinfeld, S. Levinson, I. Brandys, , E. Marcus, A. Osovitzy, Y. Kadmon, Y. Cohen, "**ERMS – Environmental Radiation Monitoring System**", 12th Conference of International Radiation Protection Association (IRPA) , Buenos Ares, Argentina (2008).
- A30. E. Vax, **B. Sarusi**, M. Sheinfeld, S. Levinson, I. Brandys, , E. Marcus, A. Osovitzy, Y. Kadmon, Y. Cohen, "**ERMS – Environmental Radiation Monitoring System**", 12th conference of international radiation protection association(irpa), buenos ares, argentina (2008 proceedings .conference record
- A31. A. Osovizky, B. Laster, T. Harris, **B. Sarussi**, E. Vulaski, T. Belt, U. Wengrowicz, D. Tirosh and S. Houle, "**Reconstruction Algorithm for Signal and Noise Events From the Gross Detector Counts**", The 24th Conference of the Nuclear Societies in Israel, Dead-Sea Feb. (2008) – **oral presentation.**
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A33. **Weight loss with a low-carbohydrate, Mediterranean, or low-fat diet.**

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A35. R. Seligmann, A. Schwartz, A. Bar-Tal, U. Yermiyahu, D. Tirosh, Y. Ifargan, S. Ovad, **B. Sarusi**, U. Wengrowicz "**Calcium Translocation and Whole Plant Transpiration Noninvasive Measurements using Radio-Strontium as Tracer**", The 24th Conference of the Nuclear Societies in Israel, Program & Papers Book, February 19-21 2008, Le Meridien Hotel, Dead Sea, Israel, pp 61-65.

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A39. Y. Kaufman, A. Osovizky, M. Kravitz, J. Paran, M. Arad., **B.Sarusi**, M. Elenbogen and N. Tal, "**New methodology for comprehensive modular SCS (Safety Control System) in the Cyclotron site**", The 20th Conference of the Nuclear Societies in Israel, p.235-237, Dead-Sea, Israel, Feb. (2004).



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- A43. Shai I, Schwarzfuchs D, Henkin Y, Shahar DR, Witkow S, Greenberg I, Golan R, Fraser D, Bolotin A, Vardi H, Tangi-Rozental O, Zuk-Ramot R, **Sarusi B**, Brickner D, Schwartz Z, Sheiner E, Marko R, Katorza E, Thiery J, Fiedler GM, Blüher M, Stumvoll M, Stampfer MJ; "**Weight loss with a low-carbohydrate, Mediterranean, or low-fat diet**" Dietary Intervention Randomized Controlled Trial (DIRECT) Group
- A44. **Abdominal superficial subcutaneous fat: a putative distinct protective fat subdepot in type 2 diabetes** Golan R, Shelef I, Rudich A, Gepner Y, Shemesh E, Chassidim Y, Harman-Boehm I, Henkin Y, Schwarzfuchs D, Ben Avraham S, Witkow S, Liberty IF, Tangi-Rosental O, **Sarusi B**, Stampfer MJ, Shai I.
- A45. **Dynamics of Cervical Subcutaneous Fat Tissues during Lifestyle Intervention** Avital Bilitzky* MD MPH¹, Ilan Shelef* MD², Omri Orr MD MPH¹, Dan Schwarzfuchs MD³, Yftach Gepner MPH¹, Gal Tsaban MD MPH^{1,2}, Lilac Tene MSc¹, Hila Zelicha RD MPH¹, Anat Yaskolka Meir RD MPH¹, Oded Komy RD MPH¹, Noa Cohen RD MPH¹, Nitzan Brill RD MPH¹, Michal Rein RD MPH¹, Dana Serfaty RD MPH¹, Shira Kenigsbuch RD MPH¹, Yoash Chassidim PHD², **Benjamin Sarusy MSc**, Uta Ceglarek PHD⁴, Michael Stumvoll MD⁴, Matthias Blüher MD⁴, Joachim Thiery MD⁴, Meir J Stampfer MD DrPH⁵, Assaf Rudich MD PHD¹, Iris Shai RD PHD
- A46. **Effects of Initiating Moderate Alcohol Intake on Cardio metabolic Risk in Adults With Type 2 Diabetes A 2-Year Randomized, Controlled Trial**



Yftach Gepner, MPH*; Rachel Golan, RD, PhD*; Ilana Harman-Boehm, MD; Yaakov Henkin, MD; Dan Schwarzfuchs, MD, Ilan Shelef, MD; Ronen Durst, MD; Julia Kovsan, MSc; Arkady Bolotin, PhD, Eran Leitersdorf, MD; Shoshana Shpitzen, MA, Shai Balag, MD; Elad Shemesh, MD; Shula Witkow, RD, MPH; Osnat Tangi-Rosental, BA, Yoash Chassidim, PhD, Idit F. Liberty, MD; **Benjamin Sarusi, MSc**; Sivan Ben-Avraham, RD, MPH; Anders Helander, PhD; Uta Ceglarek, PhD, Michael Stumvoll, MD, Matthias Bluher, MD, Joachim Thiery, MD, Assaf Rudich, MD, PhD; Meir J. Stampfer, MD, DrPH; and Iris Shai, RD, PhD

A47. Dietary intervention to reverse carotid atherosclerosis.

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A48. Effect of changes in the intake of weight of specific food groups on successful body weight loss during a multi-dietary strategy intervention trial

Canfi A, Gepner Y, Schwarzfuchs D, Golan R, Shahar DR, Fraser D, Witkow S, Greenberg I, **Sarusi B**, Vardi H, Friger M, Stampfer MJ, Shai

A49. Dynamics of Cervical Subcutaneous Fat Tissues during Lifestyle Intervention Avital Bilitzky*

MD MPH¹, Ilan Shelef* MD², Omri Orr MD MPH, Dan Schwarzfuchs MD³, Yftach Gepner MPH¹, Gal Tsaban MD MPH^{1,2}, Lilac Tene MSc¹, Hila Zelicha RD MPH¹, Anat Yaskolka Meir RD MPH¹, , Oded Komy RD MPH¹, Noa Cohen RD MPH¹, Nitzan Bril RD MPH¹, Michal Rein RD MPH¹, Dana Serfaty RD MPH¹, Shira Kenigsbuch RD MPH¹, Yoash Chassidim PHD², **Benjamin Sarusy MSc**, Uta Ceglarek PHD⁴, Michael Stumvoll MD⁴, Matthias Blüher MD⁴, Joachim Thiery MD, Meir J Stampfer MD Dr, Assaf Rudich MD PHD, Iris Shai RD PHD

A50. Effects of Initiating Moderate Alcohol Intake on Cardio metabolic Risk in Adults With Type 2 Diabetes A 2-Year Randomized, Controlled Trial

Yftach Gepner, MPH*; Rachel Golan, RD, PhD*; Ilana Harman-Boehm, MD; Yaakov Henkin, MD; Dan Schwarzfuchs, MD, Ilan Shelef, MD; Ronen Durst, MD; Julia Kovsan, MSc; Arkady Bolotin, PhD; Eran Leitersdorf, MD; Shoshana Shpitzen, MA, Shai Balag, MD; Elad Shemesh, MD, Shula Witkow, RD, MPH, Osnat Tangi-Rosental, BA, Yoash Chassidim, PhD, Idit F. Liberty, MD; **Benjamin Sarusi, MSc**; Sivan Ben-Avraham, RD, MPH; Anders Helander, PhD, Uta Ceglarek, PhD, Michael Stumvoll,



MD; Matthias Bluher, MD; Joachim Thiery, MD, Assaf Rudich, MD, PhD, Meir J. Stampfer, MD, DrPH; and Iris Shai, RD, PhD

- A51. **Effect of Distinct Lifestyle Interventions on Mobilization of Fat Storage Pools Central Magnetic Resonance Imaging Randomized Controlled Trial.** Yftach Gepner, Ilan Shelef, Dan Schwartzfucs, Hila Zelicha, Lilac Tene, Anat Yaskolka Meir, Gal Tzaban, Noa Cohen, Nitzan Bril, Dana Serfaty, Shira Kenigsbuch, Oded Komy, Arik Wolak, Yoash Chassidim, Rachel Golan, Hila Avni-Chasid, Avital Blitzki, **Benjamin Sarusi**, Eyal Goshen, Elad Shemesh, Yaakov Henkin, Michael Stumvoll, Matehias Bluher, Joachim Thiery, Uta Ceglarek, Assaf Rudich, Meir J. Stampfer and Iris Shai.
- A52. **“The Role AGG interruptions in the FMR1 gene stability: a survey of the Fragile X syndrome in ethnic groups with low and high rate of consanguinity”**, Raphael Gonen, **Benjamin Sarussi**, Danielle Keidar, Flora Tasone, Esther Manor
- A53. **“Production of Multilayers Using a simple Programmed Power Supply in a dual Magnetron Sputtering System”** U. Admon, J Yifrach, J. Sariel, B. Yahav, I. Dahan Y Fredo, **B. Sarusi** and A. Berko:
- A54. **Characterization of Multilayers by XRD, EDS and Chemical Analysis**, J. Sariel, I. Dahan, B. Yahav, **B. Sarusi**, J. Yifrach, Y Fredo. Proc 3rd International Symposium on Structural and Functional Graded Materials, Lausanne Switzerland, 10-12 Oct 1994

אחרים – פירסומים בשבתונים

דוחות בתהליך כתיבה מהשבתון האחרון

- A55. { מהמכון הביולוגי מצגת } IOT
- A56. מסמך יהודה מהמכון הביולוגי argos
- A57. בני סרוסי, שלי, אייל פטל וירדנה רביב "מערכת לקביעת פרמטרי מערכת"
- A58. בני סרוסי ומרדכי חוטובלי, "יישום לפיקוד ובקרה על מערכות דגימת אוויר אוטונומיות שונות".
- A59. בני סרוסי וסיגלית ברקוביץ "מערכת מסד נתונים מטראולוגי"
- A60. מערכת בסיס נתונים ספר משתמש KolskyBar עם סטיב
- A61. מערכת בסיס נתונים ספר תוכנה KolskyBar עם סטיב
- A62. בני סרוסי וחוטובלי מרדכי, "יישום לבדיקת איכות של תחנות מטראולוגיות והמרתם לקבצי טקסט – דוח טכני"

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עמוד 28 מתוך 80
בני סרוסי – א' מחקר

מדינת ישראל
הקרית למחקר גרעיני

- A63. Yftach Gepner, Ilan shelef, Dan Schwarzfuchs, Noa Cohen, Nitzan Bril, Michal Rein, Gal Tsaban, Hila Zelicha, Anat Yaskolka Meir, Lilac Tene, **Benjamin Sarusy**, Philip Rosen, Jay R. Hoffman, Jeffrey R. Stout, Joachim Thiery, Uta Ceglarek, Michael Stumvoll, Matthias Bluher, Meir J. Stamper, Iris Shai
"Intramyocellular triacylglycerol accumulation across weight loss strategies; Sub-study of the Central trial"
- A64. **The role of AGG interruptions in the FMR1 gene stability: A survey in ethnic groups with low and high rate of consanguinity** Esther Manor, Raphael Gonen, **Benjamin Sarusi**, Danielle Keidar-friedman, Jay Kumar, Hiu-Tung Tang, Flora Tassone
- A65. Shoureshi RA., Lim SW., Dolev E, **Benjamin Sarusi** et-al.,
Electro-magnetic-acoustic transducers for automatic monitoring and health assessment of transmission lines, *Journal of Dynamic Systems Measurement and Control*, Vol.126(2), pp. 303-308, June 2004.
- A66. Shoureshi RA., Lim SW., Dolev E, **Benjamin Sarusi** "**An advanced monitoring system for overhead transmission lines**", Proceeding of the EPRI Inspection and Assessment of overhead transmission Line Equipment, Workshop and Utility Paper Session, CA, 2003