MIRP Group
Publications List
2015-2022

A. Journal Papers


A.32. Adare, A., Kim, D., et.al. (PHENIX Collaboration). **Measurements of e+e− pairs from open heavy flavor in p + p and d + Au collisions at √sNN = 200 GeV.**


B. Books

C. Conference Papers


D. Abstracts


http://jnm.snmjournals.org/content/56/supplement_3/363.short?utm_source=TrendMD&utm_medium=cpc&utm_campaign=J_Nucl_Med_TrendMD_0

http://jnm.snmjournals.org/content/56/supplement_3/1267?related-urls=yes,56/supplement_3/1267

http://jnm.snmjournals.org/content/56/supplement_3/61.abstract?sid=e778058b-5d40-413c-91aa-005d90c8012c


D.13. Medvedev, D, Radchenko, V., Muench, L., Degraffenried, A.J., Cullen, C., Mausner, L., Cutler, C.S. **Production of Ti-44 from Natural Scandium at Low Energy at BLIP.** 16th International Workshop on Targetry and Target Chemistry (WTTC16), Santa Fe, New Mexico, USA, August 28-31, 2016. (Oral Presentation)

D.14. Degraffenreid, A.J., Medvedev, D.G., Smith, S.V., Gott, M.D., Phelps, T.E., Jurisson, S.S., Cutler, C.S. **Production of 72Se/72As in Clinically Relevant Quantities at the BLIP.** 16th International Workshop on Targetry and Target Chemistry (WTTC16), Santa Fe, New Mexico USA, August 28-31, 2016. (Oral Presentation)


D.31. Medvedev, D., Degraffenreid, A., Mausner, L.F., Cutler, C.S. **Isotope production with high energy high current proton beam at Brookhaven National Laboratory.** 13th International Topical Meeting on the Nuclear Applications of Accelerators, AccApp17, Quebec City, Quebec, Canada, July 31-August 4, 2017.


D.40. Phipps, M., Medvedev, D., Francesconi, L., Deri, M., Cutler, C.S. **47Sc targetry: investigating the production of 47Sc from 48Ti toward use in targeted radiotherapy.** 3rd International Symposium on Technetium and Other Radiometals in Chemistry and Nuclear Medicine, Bressanone, Italy, September 26-29, 2018. (Poster Session)


D.42. Fitzsimmons, J., Torre, B., Hubbard, K., Foley, B., Copping, R., Medvedev, D., Younes, A., Cutler, C., Mausner, L. **Evaluating non-conventional materials for**


A rapid prototyping platform for radiochemistry automation: experience with Ga-68 labeling.  
*Journal of Nuclear Medicine* 59 (Suppl. 1) 1037 (2018). Poster Session.  
http://jnm.snmjournals.org/content/59/supplement_1/1037

Radiolabeling NOTA derivatives with generator eluted Scandium-44.  

D.52. Kim, D., Benmerrouche, M., Cutler, C.S.  
FLUKA simulation of Ac-225 production with a medical cyclotron.  
Proc. 11th International Symposium on Targeted Alpha Therapy, Ottawa, Canada, April 1-5, 2019.  

D.53. Huclier, S., Medvedev, D., Cutler, C.  
Radiochemical separation/purification for establishing a Ti-44/Sc-44 generator.  

D.54. Phipps, M., Sanders, V., Younes, A., Medvedev, D., Lewis, J., Cutler, C., Francesconi, L., Deri, M.  
Proc. 23rd Int. Symposium on Radiopharmaceutical Sciences (ISRS 2019), Beijing, China, May 26-32, 2019,  

227th labeled 3,4,3-(LI-1,2-HOPO): Optimized synthesis, biological distribution and dosimetry.  
https://jnm.snmjournals.org/content/62/supplement_1/1482

Extraction chromatographic separation of selenium and arsenic for accelerator target processing.  

Production of Sn-117m using Sb alloy target.  


E. **Internal Notes and Other**


