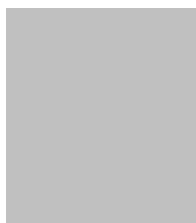



## INFORMAȚII PERSONALE

Gabriel Suliman



 Departamentul de Fizica, Universitatea POLITEHNICA Bucuresti



 gabriel.suliman@upb.ro

Sexul Masculin Data nașterii Naționalitatea Romana

EXPERIENȚA  
PROFESIONALĂ

23 Sept 2019 - present

### Sef lucrari/lector universitar Facultatea de Stiinte Aplicate, Departamentul de Fizica

Universitatea POLITEHNICA din Bucuresti, Splaul Independentei, Nr 313, Sector 6

- Pregatirea si predarea de cursuri din domeniu fizicii
- Modernizarea tehnologiei didactice si asigurarea suportului electronic
- Indrumarea activitatii stiintifice studentesti
- Participarea la elaborarea de granturi/proiecte

Tipul sau sectorul de activitate Educatie

1 Ian 2015- present

### Cercetator stiintific III

Institutul National pentru Fizica si Inginerie Nucleara "Horia Hulubei" (IFIN-HH), Magurele (România)

- participarea la pregatirea proiectelor tehnice pentru implementarea experimentelor de Fluorescenta de Rezonanta Nucleara(NRF) la ELI-NP
- participarea la pregatirea proiectelor tehnice pentru implementarea experimentelor de diagnostica si transport a fasciculului de fotoni la ELI-NP
- participarea la pregatirea proiectelor tehnice pentru implementarea experimentelor de aplicatii industriale folosind fasciculul de fotoni de la ELI-NP- efectuarea de calcule de transport a fasciculului de electroni precum si a descrierii punctelor de interactie

Tipul sau sectorul de activitate Cercetare-dezvoltare

15 Iun 2010 – 14 Iun 2013

### Grant Holder (post-doc)

European Commission, Joint Research Centre , Institute for Reference Materials and Measurements, Geel (Belgia)

Studiul realizarii unei camere de ionizare perfect reproductibila pe un domeniu larg de energii

Tipul sau sectorul de activitate Cercetare-dezvoltare

1 Mai 2005- 1 Jan 2015

### Cercetator stiintific

Institutul National pentru Fizica si Inginerie Nucleara "Horia Hulubei" (IFIN-HH), Magurele (România)

Propunerea si realizarea de experimente la acceleratorul Tandem, precum si analiza si publicarea rezultatelor. Participarea in experimente si colaborari internationale.

Tipul sau sectorul de activitate Cercetare-dezvoltare

15 Iunie 2002 – 1 Mai 2005

**Asistent cercetare**

Institutul National pentru Fizica si Inginerie Nucleara "Horia Hulubei" (IFIN-HH), Magurele (România)

Fizica nucleara experimentală

Tipul sau sectorul de activitate Cercetare-dezvoltare

**EDUCAȚIE ȘI FORMARE**

1 Oct 2002 – 15 Oct 2009

**Doctorat in fizica**

Universitatea din Bucuresti, Facultatea de Fizica, Bucuresti (România)

- Fizica nucleara, Fizica nucleara experimentală

1 Oct 2012 – 14 Feb 2014

**Masterat**

Universitatea din Bucuresti, Facultatea de Fizica, Bucuresti (România)

- Interactii atomice, nucleare, particule elementare, astrofizica si aplicatii

1 Oct 1997-15 Iunie 2002

**Inginer fizician**

Universitatea din Bucuresti, Facultatea de Fizica, Bucuresti (România)

- Specializarea: fizica

Limba(i) maternă(e)

Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C2	C2	C2
Franceza	B2	B2	B1	B1	B1

**Competențe dobândite la locul de muncă**

Fizica nucleara experimentală:

- spectroscopie gamma folosind detectori de HPGe; detectori de particule și de neutroni
- analiza datelor experimentale

Programare:

- C++ (Geant4, ROOT), Labview, Fortran, Java; PHP, MySQL, HTML;

**Proiecte în calitate de responsabil și/sau director de proiect**

1. Responsabil din partea IFIN-HH pentru proiectul: „Camera de interacție cu sistem de aliniere integrat față de un fascicul Gamma /ELICAM-GAMMA.

Proiect finanțat de ANCS în cadrul PNIII, categoria ELI-RO, P5/Subprogramul 5.1, 2016

Valoare totală: 1024944 lei (1268468 lei)

Valoare IFIN-HH: 295 000 lei

2. Director de proiect: Versatile approach to integrated large data acquisition system for complex ELI-NP experiments/VDAQ-CEX

Proiect finanțat de ANCS în cadrul PNIII, categoria ELI-RO, P5/Subprogramul 5.1, 2017

Valoare totală: 1140000

Valoare IFIN-HH: 540000 lei

**Competență digitală**

## AUTOEVALUARE

Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat

# Lista de lucrari

## I. Lista celor 10 lucrari representative

1	Ris 7	Ilie, S; Ur, CA; Sima, O; Suliman, G; Pappalardo, A DETERMINATION OF THE Co-60 SOURCE ACTIVITY BY USING THE SUM-PEAK METHOD ROMANIAN REPORTS IN PHYSICS 71, 211, 2019 Tip document, conform WOS:Article DOI: WOS:000503500400004
2	Ris 15	Suliman, G; Iancu, V; Ur, CA; Iovea, M; Daito, I; Ohgaki, H GAMMA-BEAM INDUSTRIAL APPLICATIONS AT ELI-NP ROMANIAN REPORTS IN PHYSICS 68, S799, 2016 Tip document, conform WOS:Article WOS:000380601800007
3	Ris 16	Ur, CA; Zilges, A; Pietralla, N; Beller, J; Boisdeffre, B; Cernaianu, MO; Derya, V; Loher, B; Matei, C; Pascovici, G; Petcu, C; Romig, C; Savran, D; Suliman, G; Udup, E; Werner, V NUCLEAR RESONANCE FLUORESCENCE EXPERIMENTS AT ELI-NP ROMANIAN REPORTS IN PHYSICS 68, S483, 2016 Tip document, conform WOS:Article WOS:000380601800002
4	Ris 17	Suliman, G; Paepen, J; Watjen, U Realisation of the becquerel-reducing the impact of equipment failure APPLIED RADIATION AND ISOTOPES 87, 38, 2014 Tip document, conform WOS:Article DOI: 10.1016/j.apradiso.2013.11.130 WOS:000335274000009
5	Ris 19	Suliman, G; Pomme, S; Marouli, M; Van Ammel, R; Stroh, H; Jobbagy, V; Paepen, J; Dirican, A; Bruchertseifer, F; Apostolidis, C; Morgenstern, A Half-lives of Fr-221, At-217, Bi-213, Po-213 and Pb-209 from the Ac-225 decay series APPLIED RADIATION AND ISOTOPES 77, 32, 2013 Tip document, conform WOS:Article DOI: 10.1016/j.apradiso.2013.02.008 WOS:000320480400007
6	Ris 20	Marouli, M; Suliman, G; Pomme, S; Van Ammel, R; Jobbagy, V; Stroh, H; Dikmen, H; Paepen, J; Dirican, A; Bruchertseifer, F; Apostolidis, C; Morgenstern, A Decay data measurements on Bi-213 using recoil atoms APPLIED RADIATION AND ISOTOPES 74, 123, 2013 Tip document, conform WOS:Article DOI: 10.1016/j.apradiso.2012.12.005 WOS:000316978400019

7	Ris 22	Pomme, S; Marouli, M; Suliman, G; Dikmen, H; Van Ammel, R; Jobbagy, V; Dirican, A; Stroh, H; Paepen, J; Bruchertseifer, F; Apostolidis, C; Morgenstern, A Measurement of the Ac-225 half-life APPLIED RADIATION AND ISOTOPES 70, 2608, 2012 Tip document, conform WOS:Article DOI: 10.1016/j.apradiso.2012.07.014 WOS:000309787100009
8	Ris 23	Pomme, S; Altitzoglou, T; Van Ammel, R; Suliman, G; Marouli, M; Jobbagy, V; Paepen, J; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A Measurement of the U-230 half-life APPLIED RADIATION AND ISOTOPES 70, 1900, 2012 Tip document, conform WOS:Article; Proceedings Paper DOI: 10.1016/j.apradiso.2012.02.053 WOS:000307527300020
9	Ris 24	Suliman, G; Pomme, S; Marouli, M; Van Ammel, R; Jobbagy, V; Paepen, J; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A Measurements of the half-life of Po-214 and Rn-218 using digital electronics APPLIED RADIATION AND ISOTOPES 70, 1907, 2012 Tip document, conform WOS:Article; Proceedings Paper DOI: 10.1016/j.apradiso.2012.02.095 WOS:000307527300021
10	Ris 43	Recchia, F; Bazzacco, D; Farnea, E; Venturelli, R; Aydin, S; Suliman, G; Ur, CA Performance of an AGATA prototype detector estimated by Compton-imaging techniques NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 604, 60, 2009 Tip document, conform WOS:Article; Proceedings Paper DOI: 10.1016/j.nima.2009.01.079 WOS:000267405700018

- II. Teza de doctorat: "*Contribuții la dezvoltarea unor noi metode de detecție a radiațiilor gamma și studiul structurii unor izotopi tranziționali ai bariului prin reacții directe de transfer*", 124 pagini, Domeniul: Fizica, Universitatea București, 2009. Conducător științific: Dr. M. Ivașcu

III. Articole in reviste cotate ISI

Ris 1	<p>Bucurescu, D; Mihai, C; Costache, C; Mihai, RE; Marginean, N; Kisyov, S; Florea, N; Cata-Danil, G; Cata-Danil, I; Lica, R; Marginean, R; Negret, A; Nita, CR; Pascu, S; Stroe, L; Suliman, G; Suvaila, R; Ur, CA</p> <p>Reexamined lifetimes of the low-lying states of Zr-86 by recoil distance differential decay measurements</p> <p>PHYSICAL REVIEW C 102, 24336, 2020</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1103/PhysRevC.102.024336</p> <p>WOS:000579087700002</p>
Ris 2	<p>Tanaka, KA; Spohr, KM; Balabanski, DL; Balascuta, S; Capponi, L; Cernaianu, MO; Cuciuc, M; Cucoanes, A; Dancus, I; Dhal, A; Diaconescu, B; Doria, D; Ghenuche, P; Chita, DG; Kisyov, S; Nastasa, V; Ong, JF; Rotaru, F; Sangwan, D; Soderstrom, PA; Stutman, D; Suliman, G; Tesileanu, O; Tudor, L; Tsoneva, N; Ur, CA; Ursescu, D; Zamfir, NV</p> <p>Current status and highlights of the ELI-NP research program</p> <p>MATTER AND RADIATION AT EXTREMES 5, 24402, 2020</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1063/1.5093535</p> <p>WOS:000519781700001</p>
Ris 3	<p>Boromiza, M; Borcea, C; Dessagne, P; Ghita, D; Glodariu, T; Henning, G; Kerveno, M; Marginean, N; Mihai, C; Mihai, R; Negret, A; Nita, C; Nyman, M; Olacel, A; Oprea, A; Plompen, AJM; Sotty, C; Suliman, G; Suvaila, R; Stan, L; Turturica, A; Turturica, G</p> <p>Nucleon inelastic scattering cross sections on O-16 and Si-28</p> <p>PHYSICAL REVIEW C 101, 24604, 2020</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1103/PhysRevC.101.024604</p> <p>WOS:000513213800002</p>
Ris 4	<p>Bucurescu, D; Pascu, S; Suliman, G; Wirth, HF; Hertenberger, R; Faestermann, T; Krucken, R; Graw, G</p> <p>High-resolution study of Er-166 with the (p, t) reaction</p> <p>PHYSICAL REVIEW C 100, 44316, 2019</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1103/PhysRevC.100.044316</p> <p>WOS:000491467000002</p>
Ris 5	<p>Soderstrom, PA; Suliman, G; Ur, CA; Balabanski, D; Capponi, L; Dhal, A; Iancu, V; Ilie, S; Kusoglu, A; Petcu, C; Turturica, GV; Udup, E</p> <p>Photonuclear spectroscopy with the ELIAD array at ELI-NP</p> <p>NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS 42, 73, 2019</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1393/ncc/i2019-19073-2</p> <p>WOS:000477661200020</p>

Ris 6	<p>Soderstrom, PA; Suliman, G; Ur, CA; Balabanski, D; Beck, T; Capponi, L; Dhal, A; Iancu, V; Ilie, S; Iovea, M; Kusoglu, A; Petcu, C; Pietralla, N; Turturica, GV; Udup, E; Wilhelmy, J; Zilges, A</p> <p>HIGH-RESOLUTION GAMMA-RAY SPECTROSCOPY WITH ELIADE AT THE EXTREME LIGHT INFRASTRUCTURE</p> <p>ACTA PHYSICA POLONICA B 50, 329, 2019</p> <p>Tip document, conform WOS:Article; Proceedings Paper</p> <p>DOI: 10.5506/APhysPolB.50.329</p> <p>WOS:000463866500012</p>
Ris 7	<p>Ilie, S; Ur, CA; Sima, O; Suliman, G; Pappalardo, A</p> <p>DETERMINATION OF THE Co-60 SOURCE ACTIVITY BY USING THE SUM-PEAK METHOD</p> <p>ROMANIAN REPORTS IN PHYSICS 71, 211, 2019</p> <p>Tip document, conform WOS:Article</p> <p>DOI:</p> <p>WOS:000503500400004</p>
Ris 8	<p>Turturica, GV; Iancu, V; Suliman, G; Ur, CA</p> <p>Implementation of photon elastic scattering in GEANT4</p> <p>NUCLEAR INSTRUMENTS &amp; METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 436, 68, 2018</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1016/j.nimb.2018.09.007</p> <p>WOS:000452585400011</p>
Ris 9	<p>Boromiza, M; Borcea, C; Negret, A; Olacel, A; Suliman, G</p> <p>Dead time corrections for inbeam gamma-spectroscopy measurements</p> <p>NUCLEAR INSTRUMENTS &amp; METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 863, 15, 2017</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1016/j.nima.2017.05.013</p> <p>WOS:000403018200003</p>
Ris 10	<p>Bucurescu, D; Cata-Danil, I; Ciocan, G; Costache, C; Deleanu, D; Dima, R; Filipescu, D; Florea, N; Ghita, DG; Glodariu, T; Ivascu, M; Lica, R; Marginean, N; Marginean, R; Mihai, C; Negret, A; Nita, CR; Olacel, A; Pascu, S; Sava, T; Stroe, L; Serban, A; Suvaila, R; Toma, S; Zamfir, NV; Cata-Danil, G; Gheorghe, I; Mitu, IO; Suliman, G; Ur, CA; Braunroth, T; Dewald, A; Fransen, C; Bruce, AM; Podolyak, Z; Regan, PH; Roberts, OJ</p> <p>The ROSPHERE gamma-ray spectroscopy array</p> <p>NUCLEAR INSTRUMENTS &amp; METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 837, 1, 2016</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1016/j.nima.2016.08.052</p> <p>WOS:000386059900001</p>

Ris 11	<p>Vaccarezza, C; Alesini, D; Anania, MP; Bacci, A; Biagioni, A; Bisesto, E; Bellaveglia, M; Cardarelli, P; Cardelli, F; Cianchi, A; Chiadroni, E; Croia, M; Curcio, A; Delogu, P; Di Giovenale, D; Di Domenico, G; Di Pirro, G; Drebot, I; Ferrario, M; Filippi, F; Gallo, A; Galletti, M; Gambaccini, M; Giribono, A; Golosio, B; Li, W; Mostacci, A; Oliva, P; Palmer, D; Petrillo, V; Petrarca, M; Pioli, S; Piersanti, L; Pompili, R; Romeo, S; Rossi, AR; Scifo, J; Serafini, L; Suliman, G; Villa, F</p> <p>The SPARC_LAB Thomson source  NUCLEAR INSTRUMENTS &amp; METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT 829, 237, 2016  Tip document, conform WOS:Article; Proceedings Paper  DOI: 10.1016/j.nima.2016.01.089  WOS:000379144100049</p>
Ris 12	<p>Matei, C; Mueller, JM; Sikora, MH; Suliman, G; Ur, CA; Weller, HR</p> <p>Investigation of the <math>d(\gamma, n)p</math> reaction for gamma beam monitoring at ELI-NP  JOURNAL OF INSTRUMENTATION 11, P05025, 2016  Tip document, conform WOS:Article  DOI: 10.1088/1748-0221/11/05/P05025  WOS:000377851700048</p>
Ris 13	<p>Turturica, GV; Suliman, G; Ur, CA</p> <p>MONTE CARLO SIMULATIONS OF A LARGE VOLUME HPGE DETECTOR  UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS 78, 285, 2016  Tip document, conform WOS:Article  DOI:  WOS:000392573500027</p>
Ris 14	<p>Weller, HR; Ur, CA; Matei, C; Mueller, JM; Sikora, MH; Suliman, G; Iancu, V; Yasin, Z</p> <p>GAMMA BEAM DELIVERY AND DIAGNOSTICS  ROMANIAN REPORTS IN PHYSICS 68, S447, 2016  Tip document, conform WOS:Article  DOI:  WOS:000380601800001</p>
Ris 15	<p>Suliman, G; Iancu, V; Ur, CA; Iovea, M; Daito, I; Ohgaki, H</p> <p>GAMMA-BEAM INDUSTRIAL APPLICATIONS AT ELI-NP  ROMANIAN REPORTS IN PHYSICS 68, S799, 2016  Tip document, conform WOS:Article  DOI:  WOS:000380601800007</p>
Ris 16	<p>Ur, CA; Zilges, A; Pietralla, N; Beller, J; Boisdeffre, B; Cernaianu, MO; Derya, V; Loher, B; Matei, C; Pascovici, G; Petcu, C; Romig, C; Savran, D; Suliman, G; Udup, E; Werner, V</p> <p>NUCLEAR RESONANCE FLUORESCENCE EXPERIMENTS AT ELI-NP  ROMANIAN REPORTS IN PHYSICS 68, S483, 2016  Tip document, conform WOS:Article  DOI:  WOS:000380601800002</p>



Ris 17	<p>Suliman, G; Paepen, J; Watjen, U  Realisation of the becquerel-reducing the impact of equipment failure  APPLIED RADIATION AND ISOTOPES 87, 38, 2014  Tip document, conform WOS:Article  DOI: 10.1016/j.apradiso.2013.11.130  WOS:000335274000009</p>
Ris 18	<p>Mason, PJR; Podolyak, Z; Marginean, N; Regan, PH; Stevenson, PD; Werner, V;  Alexander, T; Algora, A; Alharbi, T; Bowry, M; Britton, R; Bruce, AM; Bucurescu, D;  Bunce, M; Cata-Danil, G; Cata-Danil, I; Cooper, N; Deleanu, D; Delion, D; Filipescu, D;  Gelletly, W; Ghita, D; Gheorghe, I; Glodariu, T; Ilie, G; Ivanova, D; Kisyov, S; Lalkovski, S;  Lica, R; Liddick, SN; Marginean, R; Mihai, C; Mulholland, K; Nita, CR; Negret, A; Pascu, S;  Rice, S; Roberts, OJ; Sava, T; Smith, JF; Soederstroem, PA; Stroe, L; Suliman, G; Suvaila,  R; Toma, S; Townsley, C; Wilson, E; Wood, RT; Zhekova, M; Zhou, C  Half-life of the yrast 2(+) state in W-188: Evolution of deformation and collectivity in  neutron-rich tungsten isotopes  PHYSICAL REVIEW C 88, 44301, 2013  Tip document, conform WOS:Article  DOI: 10.1103/PhysRevC.88.044301  WOS:000325163700001</p>
Ris 19	<p>Suliman, G; Pomme, S; Marouli, M; Van Ammel, R; Stroh, H; Jobbagy, V; Paepen, J;  Dirican, A; Bruchertseifer, F; Apostolidis, C; Morgenstern, A  Half-lives of Fr-221, At-217, Bi-213, Po-213 and Pb-209 from the Ac-225 decay series  APPLIED RADIATION AND ISOTOPES 77, 32, 2013  Tip document, conform WOS:Article  DOI: 10.1016/j.apradiso.2013.02.008  WOS:000320480400007</p>
Ris 20	<p>Marouli, M; Suliman, G; Pomme, S; Van Ammel, R; Jobbagy, V; Stroh, H; Dikmen, H;  Paepen, J; Dirican, A; Bruchertseifer, F; Apostolidis, C; Morgenstern, A  Decay data measurements on Bi-213 using recoil atoms  APPLIED RADIATION AND ISOTOPES 74, 123, 2013  Tip document, conform WOS:Article  DOI: 10.1016/j.apradiso.2012.12.005  WOS:000316978400019</p>
Ris 21	<p>Deleanu, D; Balabanski, DL; Venkova, T; Bucurescu, D; Marginean, N; Ganioglu, E; Cata-  Danil, G; Atanasova, L; Cata-Danil, I; Detistov, P; Filipescu, D; Ghita, D; Glodariu, T;  Ivascu, M; Marginean, R; Mihai, C; Negret, A; Pascu, S; Sava, T; Stroe, L; Suliman, G;  Zamfir, NV  Excited states in I-129  PHYSICAL REVIEW C 87, 14329, 2013  Tip document, conform WOS:Article  DOI: 10.1103/PhysRevC.87.014329  WOS:000313943700007</p>

Ris 22	<p>Pomme, S; Marouli, M; Suliman, G; Dikmen, H; Van Ammel, R; Jobbagy, V; Dirican, A; Stroh, H; Paepen, J; Bruchertseifer, F; Apostolidis, C; Morgenstern, A  Measurement of the Ac-225 half-life  APPLIED RADIATION AND ISOTOPES 70, 2608, 2012  Tip document, conform WOS:Article  DOI: 10.1016/j.apradiso.2012.07.014  WOS:000309787100009</p>
Ris 23	<p>Pomme, S; Altitzoglou, T; Van Ammel, R; Suliman, G; Marouli, M; Jobbagy, V; Paepen, J; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A  Measurement of the U-230 half-life  APPLIED RADIATION AND ISOTOPES 70, 1900, 2012  Tip document, conform WOS:Article; Proceedings Paper  DOI: 10.1016/j.apradiso.2012.02.053  WOS:000307527300020</p>
Ris 24	<p>Suliman, G; Pomme, S; Marouli, M; Van Ammel, R; Jobbagy, V; Paepen, J; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A  Measurements of the half-life of Po-214 and Rn-218 using digital electronics  APPLIED RADIATION AND ISOTOPES 70, 1907, 2012  Tip document, conform WOS:Article; Proceedings Paper  DOI: 10.1016/j.apradiso.2012.02.095  WOS:000307527300021</p>
Ris 25	<p>Pomme, S; Suliman, G; Marouli, M; Van Ammel, R; Jobbagy, V; Paepen, J; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A  Measurement of the Th-226 and Ra-222 half-lives  APPLIED RADIATION AND ISOTOPES 70, 1913, 2012  Tip document, conform WOS:Article; Proceedings Paper  DOI: 10.1016/j.apradiso.2012.02.117  WOS:000307527300022</p>
Ris 26	<p>Marouli, M; Pomme, S; Paepen, J; Van Ammel, R; Jobbagy, V; Dirican, A; Suliman, G; Stroh, H; Apostolidis, C; Abbas, K; Morgenstern, A  High-resolution alpha-particle spectrometry of the U-230 decay series  APPLIED RADIATION AND ISOTOPES 70, 2270, 2012  Tip document, conform WOS:Article; Proceedings Paper  DOI: 10.1016/j.apradiso.2012.02.107  WOS:000307527300099</p>
Ris 27	<p>Simonelli, F; Abbas, K; Bulgheroni, A; Pomme, S; Altitzoglou, T; Suliman, G  Measurement of the Hf-nat(d,x)Ta-177 cross section and impact of erroneous gamma-ray intensities  NUCLEAR INSTRUMENTS &amp; METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS 285, 162, 2012  Tip document, conform WOS:Article  DOI: 10.1016/j.nimb.2012.05.035  WOS:000307090800025</p>

Ris 28	<p>Alharbi, T; Mason, PJR; Regan, PH; Podolyak, Z; Marginean, N; Nakhostin, M; Bowry, M; Bucurescu, D; Cata-Danil, G; Cata-Danil, I; Deleanu, D; Filipescu, D; Glodariu, T; Ghita, D; Marginean, R; Mihai, C; Negret, A; Pascu, S; Sava, T; Stroe, L; Suliman, G; Zamfir, NV; Bruce, AM; Triguero, CR; Bender, PC; Garg, U; Erduran, MN; Kusoglu, A; Bostan, M; Detistov, P; Alkhomashi, N; Sinha, AK; Chakrabarti, R; Ghugre, SS</p> <p>Gamma-ray fast-timing coincidence measurements from the O-18+O-18 fusion-evaporation reaction using a mixed LaBr3-HPGe array</p> <p>APPLIED RADIATION AND ISOTOPES 70, 1337, 2012</p> <p>Tip document, conform WOS:Article; Proceedings Paper</p> <p>DOI: 10.1016/j.apradiso.2011.11.040</p> <p>WOS:000306937800064</p>
Ris 29	<p>Mason, PJR; Alharbi, T; Regan, PH; Marginean, N; Podolyak, Z; Simpson, EC; Alkhomashi, N; Bender, PC; Bowry, M; Bostan, M; Bucurescu, D; Bruce, AM; Cata-Danil, G; Cata-Danil, I; Chakrabarti, R; Deleanu, D; Detistov, P; Erduran, MN; Filipescu, D; Garg, U; Glodariu, T; Ghita, D; Ghugre, SS; Kusoglu, A; Marginean, R; Mihai, C; Nakhostin, M; Negret, A; Pascu, S; Triguero, CR; Sava, T; Sinha, AK; Stroe, L; Suliman, G; Zamfir, NV</p> <p>Half-life of the I-<math>\pi=4(-)</math> intruder state in P-34: M2 transition strengths approaching the island of inversion</p> <p>PHYSICAL REVIEW C 85, 64303, 2012</p> <p>Tip document, conform WOS:Article</p> <p>DOI: 10.1103/PhysRevC.85.064303</p> <p>WOS:000304808300003</p>
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Ris 32	<p>Filipescu, D; Avrigeanu, V; Glodariu, T; Mihai, C; Bucurescu, D; Ivascu, M; Cata-Danil, I; Stroe, L; Sima, O; Cata-Danil, G; Deleanu, D; Ghita, DG; Marginean, N; Marginean, R; Negret, A; Pascu, S; Sava, T; Suliman, G; Zamfir, NV</p> <p>Cross sections for alpha-particle induced reactions on Sn-115,Sn-116 around the Coulomb barrier  PHYSICAL REVIEW C 83, 64609, 2011  Tip document, conform WOS:Article</p>

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Ris 34	Michelagnoli, C; Ur, CA; Farnea, E; Lenzi, S; Lunardi, S; Recchia, F; Marginean, N; Bucurescu, D; Cata-Danil, G; Deleanu, D; Filipescu, D; Ghita, D; Glodariu, T; Marginean, R; Mihai, C; Negret, A; Pascu, S; Sava, T; Stroe, L; Suliman, G LIFETIME MEASUREMENT IN THE N = Z NUCLEUS Ti-44 ACTA PHYSICA POLONICA B 42, 825, 2011 Tip document, conform WOS:Article; Proceedings Paper DOI: 10.5506/APhysPolB.42.825 WOS:000289009300068
Ris 35	Marginean, N; Balabanski, DL; Bucurescu, D; Lalkovski, S; Atanasova, L; Cata-Danil, G; Cata-Danil, I; Daugas, JM; Deleanu, D; Detistov, P; Deyanova, G; Filipescu, D; Georgiev, G; Ghita, D; Gladnishki, KA; Lozeva, R; Glodariu, T; Ivascu, M; Kisyov, S; Mihai, C; Marginean, R; Negret, A; Pascu, S; Radulov, D; Sava, T; Stroe, L; Suliman, G; Zamfir, NV In-beam measurements of sub-nanosecond nuclear lifetimes with a mixed array of HPGe and LaBr3:Ce detectors EUROPEAN PHYSICAL JOURNAL A 46, 329, 2010 Tip document, conform WOS:Article DOI: 10.1140/epja/i2010-11052-7 WOS:000284842700001
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Ris 37	Rusu, C; Bucurescu, D; Marginean, N; Ionescu-Bujor, M; Iordachescu, A; Cata-Danil, G; Cata-Danil, I; Deleanu, D; Filipescu, D; Ghita, D; Glodariu, T; Ivascu, M; Mihai, C; Marginean, R; Pascu, S; Sava, T; Stroe, L; Suliman, G; Zamfir, NV Isomerism of low-lying states in Y-86 EUROPEAN PHYSICAL JOURNAL A 44, 31, 2010 Tip document, conform WOS:Article DOI: 10.1140/epja/i2010-10928-8 WOS:000276438700004

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