

Lista de Publicații și conferințe

Mihai Gligan

Institutul Național de Cercetare Dezvoltare pentru Tehnologii Izotopice și Moleculare INCDTIM Cluj-Napoca Departamentul Fizica și Tehnologia Izotopilor

1. Axente, Damian; Bugeac, Stefan; Gergely, Stefan; et al. **The Production of the Isotope N-15 by Isotopic Exchange in Nitrox System at Pressure**, REVISTA DE CHIMIE_ Volume: 70 Issue: 5 Pages: 1530-1533 Published: MAY 2019
2. Aalseth, C. E.; Acerbi, F.; Agnes, P.; et al. Group Author(s): DarkSide Collaboration **DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS**, EUROPEAN PHYSICAL JOURNAL PLUS, Volume: 133 Issue: 3 Article Number: 131 Published: MAR 29 2018
3. Axente, Damian; Balla, Ancuta; Bugeac, Stefan; et al. **The Calculus of the Operation Parameters at Pressure of the Primary Separation Column of the N-15 Production Plant**, REVISTA DE CHIMIE_ Volume: 68 Issue: 11 Pages: 2533-2537 Published: NOV 2017
4. Aalseth, C. E.; Acerbi, F.; Agnes, P.; et al. Group Author(s): DarkSide Collaboration **Cryogenic Characterization of FBK RGB-HD SiPMs** JOURNAL OF INSTRUMENTATION_ Volume: 12 Article Number: P09030 Published: SEP 2017
5. Bottino, B.; Aalseth, C. E.; Acconcia, G.; et al. Group Author(s): DarkSide Collaboration **The DarkSide experiment** NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS_ Volume: 40 Issue: 1 Article number: 52 Published: JAN-FEB 2017
6. Ionescu, Clara; Both, Roxana; Fustos, Csaba; et al. **Control of a train of high purity distillation columns for efficient production of 13C isotopes** Conference: 20th International Conference on System Controls and Computer Science 2015 Location: Univ Politehnica Bucharest, Bucharest, ROMANIA Date: MAY 27-29, Pages: 49-56 Published: 2015
7. Pop, Cristina Ioana; Festila, Clement; Dulf, Eva Henrietta; et al **Tracking and Disturbance Rejection in the 13C Cryogenic Separation Column** CONTROL ENGINEERING AND APPLIED INFORMATICS_ Volume: 14 Issue: 1 Pages: 48-57 Published: MAR 2012
8. Dronca, S.; Varodi, C.; Gligan, M.; et al. **The Thermal Desorption Of CO2 From Amine Carbamate Solutions For The C-13 Isotope Enrichment** Conference: International Conference on Processes in Isotopes and Molecules (PIM) Location: Cluj Napoca, ROMANIA Date: SEP 29-OCT 01, 2011, PROCESSES IN ISOTOPES AND MOLECULES (PIM 2011) Book Series: AIP Conference Proceedings_ Volume: 1425 Pages: 186-188 Published: 2012
9. Neaga, A. O.; Festila, C.; Dulf, E. H.; et al. **A Simplified Mathematical Model Of The Cryogenic Distillation With Application To The (C-13) Isotope Separation Column** Conference: International Conference on Processes in Isotopes and Molecules (PIM) Location: Cluj Napoca, ROMANIA Date: SEP 29-OCT 01, 2011 PROCESSES IN ISOTOPES AND MOLECULES (PIM 2011) Book Series: AIP Conference Proceedings_ Volume: 1425 Pages: 189-192 Published: 2012
10. Neaga, A. O.; Festila, C.; Dulf, E. H.; et al **Operational Model of the C-13 Isotope Separation Column** Conference: IEEE International Conference on Automation, Quality and Testing, Robotics Location: Cluj Napoca, ROMANIA Date: MAY 24-27, 2012, 2012 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, THETA 18TH EDITION Book Series: IEEE International Conference on Automation Quality and Testing Robotics_ Pages: 97-102 Published: 2012
11. Festila, Cl.; Pop, C. I.; Dulf, E. H.; et al. **Flooding process analysis by C-13 cryogenic separation column** Conference: IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2008) Location: Cluj Napoca, ROMANIA Date: MAY 22-25, 2008, 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL II, PROCEEDINGS_ Pages: 96-+ Published: 2008

12. Gligan, Mihai; Dulf, Eva; Unguresan, Mihaela-Ligia; et al. **Preliminaries regarding general modeling of the cryogenic distillation with application to (C-13) isotope separation** Conference: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Location: Cluj Napoca, ROMANIA Date: MAY 25-28, 2006, 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 155-+ Published: 2006
13. Dulf, Eva; Unguresan, Mihaela-Ligia; Gligan, Mihai; et al. **Operational models of the cryogenic distillation column for (C-13) isotope** Conference: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Location: Cluj Napoca, ROMANIA Date: MAY 25-28, 2006, 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 159-+ Published: 2006
14. Festila, Clement; Baldea, Aurel; Gligan, Mihai; et al. **About the cryogenic distillation control for (C-13) isotope separation** Conference: IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics Location: Cluj Napoca, ROMANIA Date: MAY 25-28, 2006, 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS Pages: 285-+ Published: 2006
15. Radoi, A; Gligan, M; Dronca, S; et al **Experimental plant for C-13 enrichment by carbon oxide distillation at low temperatures** REVISTA DE CHIMIE Volume: 50 Issue: 3 Pages: 221-225 Published: MAR 1999
16. Gligan, M; Radoi, A; Dronca, S; et al. **Experimental plant for oxygen isotopes separation by nitrogen oxide distillation at low temperatures** REVISTA DE CHIMIE Volume: 48 Issue: 4 Pages: 335-339 Published: APR 1997
17. CHIS, I; CIURA, A; DRAGANESCU, V; et al. **DESIGN AND PERFORMANCE OF A HIGH REPETITION RATE TEA CO₂-LASER** JOURNAL OF PHYSICS E-SCIENTIFIC INSTRUMENTS Volume: 21 Issue: 4 Pages: 393-396 Published: APR 1988
18. GLIGAN, M; ABRUDEAN, M; BALDEA, A; et al. **CATALYTIC REACTOR FOR CARBON OXIDE RECOMBINATION WITH OXYGEN IN A HIGH-FREQUENCY IMPULSE REPETITION LASER** REVISTA DE CHIMIE Volume: 38 Issue: 6 Pages: 526-528 Published: JUN 1987