

Articole publicate in reviste cotate ISI/ *Published articles*

- *Freeze-out properties of multifragmentation events*,
S. Piantelli, B. Borderie, E. Bonnet, N. Le Neindre, **Ad. R. Raduta**, M.F. Rivet, R. Bougault, A. Chbihi, R. Dayras, J.D. Frankland, E. Galichet, F. Gagnon-Moisan, D. Guinet, P. Lantesse, G. Lehaut, O. Lopez, D. Mercier, J. Moisan, M. Parlog, E. Rosato, R. Roy, B. Tamain, E. Vient, M. Vigilante and J.P. Wieleczko, Nuclear Physics A 809, 111-128, (2008).
- * *Landau-Zener effect generalized for superfluid systems*,
M. Mirea,
Rom. Journ. Phys. 54, 501-515 (2009).
- * *Break-up fragment topology in statistical multifragmentation models*,
Ad. R. Raduta,
Physical Review C 80, 014602 (2009).
- * *Thermodynamics of clusterized matter*,
Ad. R. Raduta and F. Gulminelli,
Physical Review C 80, 024606 (2009).
- *Multifragmentation and phase transition for hot nuclei: recent progress*,
B. Borderie, E. Bonnet, F. Gulminelli, N. Le Neindre, D. Mercier, S. Piantelli, **Ad.R. Raduta**, M.F. Rivet, B. Tamain, R. Bougault, A. Chbihi, R. Dayras, J.D. Frankland, E. Galichet, F. Gagnon-Moisan, D. Guinet, P. Lantesse, J. Lukasik, M. Prlog, E. Rosato, R. Roy, M. Vigilante and J.P. Wieleczko,
Nuclear Physics A834, 535c-539c (2010).

Articole finalizate si trimise pentru publicare in reviste cotate ISI/ *Articles submitted for publication*

- * *Alpha-particle condensation in excited ^{12}C* ,
Ad. R. Raduta, B. Borderie, E. Geraci, N. Le Neindre, P. Napolitani, M.F. Rivet, R. Alba, F. Amorini, G. Cardella, M. Chatterjee, E. De Filippo, D. Guinet, P. Lantesse, E. La Guidara, G. Lanzalone, G. Lanzano, I. Lombardo, O. Lopez, C. Maiolino, A. Pagano, S. Pirrone, G. Politi, F. Porto, F. Rizzo, P. Russotto, J.P. Wieleczko,
[arXiv:1004.3234](https://arxiv.org/abs/1004.3234),
trimisa pentru publicare la Physical Review Letters/ submitted to Physical Review Letters

Articole finalizate ce urmeaza sa fie trimise pentru publicare in reviste cotate ISI/ *Articles to be submitted for publication*

- * *Statistical description of complex nuclear phases in supernovae and proto-neutron stars*,
Ad. R. Raduta and F. Gulminelli,
to be submitted to Physical Review C.

Prezentari orale la conferinte internationale/ *Oral contributions to international conferences*

- *Isospin dependent thermodynamics of multifragmentation*,
Ad. R. Raduta and F. Gulminelli,
In B. Borderie, J. Frankland, A. Pagano, S. Pirrone and F. Rizzo editors, Proc. of of International Workshop on Multifragmentation and related areas, Caen, France, 2007, Italian Physical Society, pages 81 – 87.

- *Freeze-out properties of multifragmenting single-source events produced in central Xe+Sn collisions*,
S. Piantelli, B. Borderie, E. Bonnet, N. Le Neindre, **Ad. R. Raduta** and M. F. Rivet,
In B. Borderie, J. Frankland, A. Pagano, S. Pirrone and F. Rizzo editors, Proc. of International Workshop
on Multifragmentation and related areas, Caen, France, 2007, Italian Physical Society, pages 31 – 37
- *Statistical multifragmentation: isoscaling, isospin fluctuations and the symmetry term of the nuclear equation
of state*,
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D. Mercier, B. Tamain, R. Bougault, M. Parlog, J. D. Frankland, A. Chbihi, J. P. Wieleczko, D. Guinet, P.
Lautesse, F. Gagnon-Moisan, R. Roy, M. Vigilante, E. Rosato, R. Dayras, J. Lukasik,
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- *Advancement in the understanding of multifragmentation and phase transition for hot nuclei*,
B. Borderie, E. Bonnet, F. Gulminelli, N. Le Neindre, D. Mercier, S. Piantelli, **Ad. R. Raduta**, M. F. Rivet,
Proceedings of International Workshop on Multifragmentation and related areas, November 4-7, 2009, Catania
(Italy)
- * *Production of α -particle condensate states in heavy-ion collisions*,
Ad. R. Raduta, B. Borderie, N. Le Neindre, M. F. Rivet,
2nd Workshop on "State of the Art in Nuclear Cluster Physics" , Bruxelles, Belgium, May 25-28, 2010

* Publicatii ce poarta mentiunea proiectului Idei 267/2007; *Acknowledgements to project Idei 267/2007*

ultima actualizare/*last update*: 26.04.2010