

PUBLICATIONS 2001

Scientific articles

1. K. Anderson, D. Hanstorp, A. Neau, S. Rosén, H. Schmidt, J. Semaniak, R. Thomas, M. Larsson, A. Le Padellec, F. Österdahl, H. Danared, and A. Källberg,
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The European Physical Journal **13**, 323 (2001)
2. R. Peverall, S. Rosén, J. R. Peterson, M. Larsson, A. Al-Khalili, L. Vikor, J. Semaniak, R. Bobbenkamp, A. Le Padellec and W. J. van der Zande
Dissociative Recombination and Excitation of O_2^+ : Cross Sections, Product Yields and Implications for studies of the Upper Atmospheric Airglows,
Journal of Chemical Physics **15**, 6679 (2001)
3. J. Semaniak, B. F. Minaev, A. M. Derkatch, F. Hellberg, A. Neau, S. Rosén, R. Thomas, M. Larsson, H. Danared, M. af Ugglas,
Dissociative recombination of $HCNH^+$; absolute cross sections and branching ratios
The Astrophysical Journal Supplement Series **135**, 275 (2001)
4. A. Le Padellec, N. Djurić, A. Al. Khalili, H. Danared, A. M. Derkatch, A. Neau, D. B. Popović, S. Rosén, J. Semaniak, R. Thomas, M. af Ugglas, W. Zong, M. Larsson
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Physical Review A **64**, 012702 (2001)
5. A. Le Padellec, K. Anderson, D. Hanstorp, A. Neau, S. Rosén, H. Schmidt, R. Thomas, M. Larsson, J. Semaniak, D. J. Pegg, F. Österdahl, H. Danared, and A. Källberg
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6. M. Pajek, D. Banaś, D. Castella, D. Corminboeuf, J.-Cl. Dousse, Y.-P. Maillard, O. Mauron, P.A. Raboud, D. Chmielewska, I. Fijał, M. Jaskóła, A. Korman, T. Ludziejewski, J. Rządkiwicz, Z. Sujkowski, J. Hoszowska, M. Polasik and T. Mukoyama
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7. M. Tokman, P. Glans, E. Lindroth, R. Schuch, M. Björkhage, H. Danared, A. Källberg, M. Pajek and L.-O. Norlin
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8. A. Kubala-Kukuś, D. Banaś, J. Braziewicz, U. Majewska, S. Mrówczyński and M. Pajek
Influence of Detection Limit on the Measured Concentration Distribution of Trace Elements
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9. A. Kubala-Kukuś, D. Banaś, J. Braziewicz, U. Majewska, S. Mrówczyński and M. Pajek
Determination of concentration distribution of trace elements near the detection limit
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10. U. Majewska, J. Braziewicz, D. Banaś, A. Kubala-Kukuś, A. Kucharzewski, M. Waler, S. Gózdź, J. Wudarczyk
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13. M. Kargol, A. Kargol and S. Przystalski
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14. T. Kosztolowicz
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15. T. Kosztolowicz
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16. T. Kosztolowicz and St. Mrówczyński
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17. R. Korus and St. Mrówczyński
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18. R. Korus, St. Mrówczyński, M. Rybczyński, and Z. Włodarczyk
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19. O.V. Utyuzh, G. Wilk and Z. Włodarczyk
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21. G. Wilk and Z. Włodarczyk
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Muons from strangelets
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24. A.L.S. Angelis (Z. Włodarczyk) et al.
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25. A.L.S. Angelis (Z. Włodarczyk) et al.
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28. P. Flin
The anisotropy of galaxy orientation in the Coma/A1367 supercluster
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29. M.M. Aggarwal (G. Stefanek) et al.
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Kinematics and Physics of Celestial Bodies Suppl. Ser. 2000, No 3
"Astronomy in Ukraine - 2000 and Beyond (Impact of International Cooperation)"
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35. J. Semaniak
Dissociative recombination in ion storage rings,
rozprawa habilitacyjna, Wydawnictwo Akademii Świętokrzyskiej, 2001

Text-books and scripts

1. M. Mularczyk, L. Nowak, B. Potocka, J. Semaniak
Człowiek w środowisku przyrodniczym. Ziemia planetą życia, Podręcznik, Przyroda 5
MAC S.A., Kielce 2001, Numer dopuszczenia: 73/01
2. M. Mularczyk, L. Nowak, B. Potocka, J. Semaniak
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4. M. Mularczyk, L. Nowak, B. Potocka, J. Semaniak
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2. St. Mrówczyński, *Kosmiczne zmarszczki*, POLITYKA 1, 6 I 2001
3. St. Mrówczyński, *Żelazna pustynia*, POLITYKA 7, 17 II 2001
4. St. Mrówczyński, *Koniec inteligentnego idioty*, POLITYKA 14, 7 IV 2001
5. St. Mrówczyński, *Plama dekady*, POLITYKA 16, 21 IV 2001
6. St. Mrówczyński, *Gość z zamrażarki*, POLITYKA 23, 9 VI 2001
7. St. Mrówczyński, *Chemia w 17 sekund*, Delta 6, 2001
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PARTICIPATION IN CONFERENCES

1. M.Rybczyński, G.Wilk and Z.Włodarczyk
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2-9 September, Krzyże, Poland
2. St. Mrówczyński
Plasma instabilities at RHIC and LHC
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4-9 March, Schladming, Austria
3. St. Mrówczyński
Event-by-event p_T fluctuations
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4. M. Kucharzewski, J. Waler, J. Braziewicz, U. Majewska and K. Zwirska-Korczala
Czy leptyna, cynk i miedź mogą być markerami w raku tarczycy
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An X-ray method for identification of the atomic number of the accelerated heavy ion beams
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6. J.-Cl. Dousse, D. Banaś, D. Castella, D. Chmielewska, D. Corminboeuf, I. Fijał, J. Hoszowska, M. Jaskóła, A. Korman, T. Ludziejewski, Y.-P. Maillard, O. Mauron, M. Pajek, M. Polasik P.A. Raboud, J. Rzakiewicz, and Z. Sujkowski
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 18-24 July, Santa Fe, New Mexico, USA

10. J. Rządkiwicz, D. Chmielewska, T. Ludziejewski, Z. Sujkowski, D. Castella, J.-Cl. Dousse, Y.-P. Maillard, O. Mauron, P.A. Raboud, J. Hoszowska, M. Polasik and M. Pajek
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11. J. Rządkiwicz, D. Chmielewska, Z. Sujkowski, M. Breset, J.-Cl. Dousse, Y.-P. Maillard, O. Mauron, P.A. Raboud, J. Hoszowska, M. Polasik and M. Pajek
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12. T. Kosztolowicz
Anomalous diffusion in a system with a partially permeable wall
XIV Marian Smoluchowski Symposium on Statistical Physics: Fundamentals and Applications
 September, Zakopane, Poland,

13. T. Kosztolowicz
Anomalous diffusion in a membrane system
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14. K. Dworecki and S. Wąsik
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15. E. Kwaśniewicz
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17. N. Djurić, B. Popović, G. H. Dunn, A. Al. Khalili, H. Danared, A. M. Derkatch, A. Neau,
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