

List of publications

International journals with referee system:

1. H. Cederquist, L.H. Andersen, A. Bàràny, P. Hvelplund, H. Knudsen, E.H. Nielsen, J.O.K. Pedersen and J. Sørensen: "State-Selective Single- and Double- Capture Processes in Slow C^{4+} +He, Ne, Ar, and Xe Collisions", J.Phys.B 18 (1985) 3951-3969.
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3. C.L. Cocke, L.N. Tunnell, W. Waggoner, J.P. Giese, S.L. Varghese, E.Y. Kamber, and J.O.K. Pedersen: "Angular distributions of slow multiply charged ions following capture", Nucl.Instrum.Methods B24/25 (1987) 97-100.
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5. E.Y. Kamber, C.L. Cocke, J.P. Giese, J.O.K. Pedersen and W. Waggoner: "An experimental apparatus for studying double differential scattering by low energy ions from He", Nucl.Instrum.Methods B24/25 (1987) 288-290.
6. P. Hvelplund, A. Bàràny, H. Cederquist and J.O.K. Pedersen: "Energy gain spectroscopy studies of electron capture by Xe^{q+} ($10 < q < 20$) in collisions with Ne, Ar and Xe, J.Phys.B 20 (1987) 2515-2529.
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11. H. Berg, R. Dörner, C. Kelbch, S. Kelbch, J. Ullrich, S. Hagmann, R. Richard, H. Schmidt-Böcking, A.S. Schlachter, M. Prior, H.J. Crawford, J.M. Engelage, I. Flores, D.H. Loyd, J. Pedersen, and R.E. Olson: "Multiple ionisation of rare gases by high-energy uranium ions", J.Phys.B 21 (1988) 3929-3939.

12. J.P. Giese, C.L. Cocke, W.T. Waggoner, J.O.K. Pedersen, E.Y. Kamber and by low-energy, highly charged Ar projectiles", *Phys.Rev.A* 38 (1988) 4494-4503.
13. J.O.P. Pedersen, P. Hvelplund, J.P. Bangsgaard, A. Bàràny, L.R. Andersson: "Angular scattering effects in electron capture by multiply charged ions", *J.Physique Coll.* C1-145-150 (1989).
14. H. Cederquist, H. Andersson, G. Astner, P. Hvelplund, and J.O.P. Pedersen: "Evidence for Radiative Stabilization of Two-Electron Transfer Processes in Slow $\text{Xe}^{q+} + \text{Xe}$ ($15 < q < 35$) collisions". *Phys.Rev.Lett.* 62 (1989) 1465-1468.
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16. L.R. Andersson, J.O.P. Pedersen, A. Bàràny, J.P. Bangsgaard, and P. Hvelplund: "Angular scattering effects in energy-gain spectra of A^{6+} ($A=\text{Ne}, \text{Ar}, \text{Kr}, \text{Xe}$) one-electron capture from He", *J.Phys.B.* 22 (1989) 1603-1621.
17. J.O.P. Pedersen and P. Hvelplund: "Double excitation of helium by fast electrons, protons and $\text{C}^{(4-6)+}$ ions", *Phys.Rev.Lett.* 62 (1989) 2373-2376.
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23. J.O.P. Pedersen: "Electron correlation in two-electron processes in helium induced by fast particle impact". *Phys.Scr.* 41 (1990) 180-186.
24. L.H. Andersen, P. Hvelplund, H. Knudsen, S.P. Møller, J.O.P. Pedersen, S. Tang-Petersen, E. Uggerhøj, K. Elsener, and E. Morenzoni: "Nondissociative and dissociative ionization of H_2 by 50 to 2000 keV antiprotons". *J.Phys.B.* 23 (1990) L395-400.

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