Top 40 publications citation-ordered
(Total count all papers: 5038, Web of Science)

February 16, 2024

1. C. Yeretzian, K. Hansen, F. Diederich and R.L. Whetten:
Coalescence reactions of fullerenes.
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253 citations

2. H. Nishioka, K. Hansen and B.R. Mottelson:
Supershells in metal clusters.
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3. J. Pedersen, S. Bjørnholm, J. Borggreen, K. Hansen, T.P. Martin and H.D. Rasmussen:
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Nature **353** (1991) 733.
206 citations

4. J.U. Andersen, E. Bonderup and K. Hansen:
On the concept of temperature for a small isolated system.
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5. J.U. Andersen, E. Bonderup and K. Hansen:
Thermionic emission from clusters.
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6. E.E.B. Campbell, K. Hansen, K. Hoffmann, G. Korn, M. Tchaplyguine, M. Wittmann, I.V. Hertel:
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7. K. Hansen and O. Echt:
Thermionic Emission and Fragmentation of C_{60}.
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8. H.T. Schmidt, R. D. Thomas, M. Gatchell, S. Rosén, P. Reinhed, P. Löfgren, L. Brännholm, M. Blom, M. Björkhage, E. Bäckström, J. D. Alexander, S. Leontein, D. Hanstorp, H. Zettergren, L. Liljeby, A. Källberg, A. Simonsson, F. Hellberg, S. Mannervik, M. Larsson, W.D. Geppert, K.G. Rensfelt, H. Danared, A. Paál, M. Masuda, P. Halldéen, G. Andler, M.H. Stockett, T. Chen, G. Källersjö, J. Weimer, K. Hansen, H. Hartman, and H. Cederquist:
First storage of ion beams in the Double Electrostatic Ion-Ring Experiment - DESIREE
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9. S. Bjørnholm, J. Borggreen, O. Echt, K. Hansen, J. Pedersen, and H.D. Rasmussen:
Mean-field quantization of several hundred electrons in sodium metal clusters.
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10. K. Hansen, J.U. Andersen, P. Hvelplund, S.P. Møller, U.V. Pedersen and V.V. Petrunin:
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Radiative Cooling of Fullerenes.
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Electronic shell structure of laser-warmed Na-clusters.
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13. M.J. Rosker, H.O. Marcy, T.Y. Chang, J.T. Khoury, K. Hansen and R.L. Whetten:
Time-resolved degenerate four-wave mixing in thin films of C_{60} and C_{70} using femtosecond optical pulses.
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