

Dario Vretenar – Popis radova

1) ZNANSTVENI RADOVI U CURRENT CONTENTS ČASOPISIMA:

1. J.-P. Ebran, E. Khan, T. Nikšić, and **D. Vretenar**: How atomic nuclei cluster, **Nature** **487**, 341344 (2012).
2. Z. P. Li, T. Nikšić, P. Ring, **D. Vretenar**, J. M. Yao, and J. Meng: Efficient method for computing the Thouless-Valatin inertia parameters, **Phys. Rev. C** **86**, 034334 (2012) (7 pages)
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4. P. Finelli, T. Nikšić, and **D. Vretenar**: Nuclear pairing from chiral pion-nucleon dynamics: Applications to finite nuclei, **Phys. Rev. C** **86**, 034327 (2012) (6 pages)
5. V. Prassa, T. Nikšić, G. A. Lalazissis, and **D. Vretenar**: Relativistic energy density functional description of shape transitions in superheavy nuclei, **Phys. Rev. C** **86**, 024317 (2012) (12 pages)
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11. T. Marketin, E. Litvinova, **D. Vretenar**, and P. Ring: Fragmentation of spin-dipole strength in 90Zr and 208Pb , **Phys. Lett. B** **706** (2012) 477-481.
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13. Z. P. Li, J. M. Yao, **D. Vretenar**, T. Nikšić, H. Chen, and J. Meng: Energy density functional analysis of shape evolution in $N=28$ isotones, **Phys. Rev. C** **84**, 054304 (2011) (12 pages)
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15. K. Nomura, T. Nikšić, T. Otsuka, N. Shimizu, and **D. Vretenar**: Quadrupole collective dynamics from energy density functionals: Collective Hamiltonian and the interacting boson model, **Phys. Rev. C** **84**, 014302 (2011) (9 pages)
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