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List of publications in refereed journals

I. Papers published in periodicals

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II. Papers submitted for publication in periodicals and in press

1. **Laser spectroscopy of actinium monofluoride as a sensitive probe for CP violation**:
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arXiv:2505.15375, Physical Review C, in press.

3. **Electromagnetic moments of ground and excited states calculated in heavy odd-N open-shell nuclei**:
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4. **Electromagnetic and exotic moments in nuclear DFT**:
J. Dobaczewski, B.C. Backes R.P. de Groote, A. Restrepo-Giraldo, X. Sun and H. Wibowo,
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III. Popularized papers for general public

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2. **O obrotach ciał niewielkich (II)**:
J. Dobaczewski, W. Nazarewicz,
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4. **The atomic nucleus as a laboratory**:
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5. **The atomic nucleus: greater than the sum of its parts**:
J. Dobaczewski,
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6. **Physics: Nuclear Density Functional Theory for determining the properties of atomic nuclei**:
J. Dobaczewski,
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IV. Papers published as preprints or e-prints

1. **Microscopic dynamic calculations of collective states in xenon and barium isotopes II**:
S.G. Rohoziński, J. Dobaczewski, B. Nerlo-Pomorska, K. Pomorski, J. Srebrny,
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2. **Real coherent states for fermion systems**:
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