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Personal

Male.

Born on March 13, 1984.

People's Republic of China Citizen.

Language

Mother tongue, Chinese.

Second language, English, fluent.

Educations and work experiences

B.S. Physics, School of Physics, Peking University, 2003-2007.

B.S. Economics-double degree, China Center for Economic Research, Peking University, 2003-2007.

Ph.D. Theoretical Nuclear Physics, supervised by Prof. Furong Xu, School of Physics, Peking University, 2007-2012.

Post-doctor researcher, FIDIPRO group led by Prof. Jacek Dobaczewski, School of Physics, University of Jyväskylä, 2012-2014.

Assistant/associate professor, School of Science, Huzhou University, 2014 Sept.-Now.

Visiting professor, T-2 Group, Los Alamos National Laboratory, 2015 Sept.-2016 Dec; 2018 Jan.-2018 Mar.

Publication list

1 Analysis of the daya bay reactor antineutrino flux changes with fuel burnup
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Xiaobao Wang, and A.C. Hayes, *Physical Review C* 95, 064313 (2017).

4 Solution of the Skyrme-Hartree-Fock-Bogolyubov equations in the Cartesian deformed harmonic-oscillator basis. (VIII) hfodd (v2.73y): a new version of the program,
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5 Nuclear Zemach moments and finite-size corrections to allowed β decay,
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7 Revisiting the monopole components of effective interactions for the shell model,
Xiaobao Wang, and G.X. Dong, *Journal of Physics G: Nuclear and Particle Physics* 42, 125101 (2015).

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10 Systematic study of shell-model effective interaction in sd shell,
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11 The possible effect of scalar meson on the symmetry energy curve in the viewpoint of the quark-meson-coupling model,
Xiaobao Wang, and F.R. Xu, *Journal of Physics* 420, 012093 (2013).

12 Special relations of coefficients of fractional parentage and partial dynamical symmetries in j= 9/2 shells,
Xiaobao Wang, and F.R. Xu, *Physical Review C* 85, 034304 (2012).

13 Eigen-property of single-*j* system and seniority conservation condition,
Xiaobao Wang, C. Qi, and F.R. Xu, *Plasma Science and Technology* 14, 383 (2012).

14 Isovector channel of quark-meson-coupling model and its effect on symmetry energy,
Xiaobao Wang C. Qi, and F.R. Xu, *Nuclear Physics A* 865, 57–68 (2011).

15 Triaxiality and shape coexistence in the A 30 “island of inversion" nuclei,
G.X. Dong, **Xiaobao Wang**, and S.Y. Yu, *Science China Physics, Mechanics and Astronomy* 58, 112004 (2015).

16 Collective properties of neon isotopes investigated by projected shell model,
G.X. Dong, **Xiaobao Wang** F.R. Xu, and S.Y. Yu, *Chinese Science Bulletin* 59, 3847 (2014).

17 Collectivity of neutron-rich magnesium isotopes investigated by projected shell model calculations,
G.X. Dong, **Xiaobao Wang**, H.L. Liu, and F.R. Xu, *Physical Review C* 88, 024328 (2013).

18 Alternate proof of the Rowe-Rosensteel proposition and seniority conservation,
C. Qi, **Xiaobao Wang**, Z.X. Xu, R.J. Liotta, R. Wyss, and F.R. Xu, *Physical Review C* 82, 014304 (2010).

19 Residue cross sections of 50Ti-induced fusion reactions based on the two-step model, L. Liu, C.W. Shen, Q.F. Li, Y. Tu, **Xiaobao Wang**, and Y.J. Wang, *Eur. Phys. J. A* 52: 35 (2016).

20 Rapidity distribution of protons from the potential version of UrQMD model and the traditional coalescence afterburner,
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22 Helium-3 production from Pb+Pb collisions at SPS energies with the UrQMD model and the traditional coalescence afterburner,
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