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Naslov	URL	Autori	Naslov izvornika
Fission dynamics, dissipation, and clustering at finite temperature		Li, B.; Vretenar, D.; Ren, Z. X.; Nikšić, T.; Zhao, J.; Zhao, P. W.; Meng, J.	
Microscopic description of α , 2α , and cluster decays of $^{216-220}\text{Rn}$ and $^{220-224}\text{R}$		Zhao, J.; Ebran, J.-P.; Heitz, L.; Khan, E.; Mercier, F.; Nikšić, T.; Vretenar, D.	
Relativistic self-consistent models for atomic nuclei derived from the empirical densities		Accorto, Giacomo	
Time-dependent generator coordinate method study of fission. II. Total kinetic energy distribution		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Effects of rotation and valence nucleons in molecular α -chain nuclei		Zhang, D. D.; Ren, Z. X.; Zhao, P. W.; Vretenar, D.; Nikšić, T.; Meng, J.	
Time-dependent generator coordinate method study of fission: Dissipation effects		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Coupling of pairing and triaxial shape vibrations in collective states of γ -soft nuclei		Nomura, K.; Vretenar, D.; Li, Z. P.; Xiang, J.	
Interplay between pairing and triaxial shape degrees of freedom in Os and Pt nuclei		Nomura, K.; Vretenar, D.; Li, Z. P.; Xiang, J.	
Low-energy cluster modes in $N = Z$ nuclei		Mercier, F.; Bjelčić, A.; Nikšić, T.; Ebran, J.-P.; Khan, E.; Vretenar, D.	

Microscopic description of octupole collective excitations near N=56 and N=88		Nomura, K.; Lotina, L.; Nikšić, T.; Vretenar, D.	
Nuclear energy density functionals from empirical ground-state densities		Accorto, Giacomo; Naito, Tomoya; Liang, Haozhao; Nikšić, Tamara; Vretenar, Dario	
Microscopic model for the collective enhancement of nuclear level densities		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Pairing vibrations in the interacting boson model based on density functional theory		Nomura, K.; Vretenar, D.; Li, Z. P.; Xiang, J.	
Future of nuclear fission theory		Bender, Michael; Bernard, Rémi; Bertsch, George; Chiba, Satoshi; Dobaczewski, Jacek; Dubray, Noël; Giuliani, Samuel A; Hagino, Kouichi; Lacroix, Denis; Li, Zhipan; Magierski, Piotr; Maruhn, Joachim; Nazarewicz, Witold; Pei, Junchen; Péru, Sophie; Pillet, Nathalie; Randrup, Jørgen; Regnier, David; Reinhard, Paul-Gerhard; Robledo, Luis M; Ryssens, Wouter; Sadhukhan, Jhilm; Scamps, Guillaume; Schunck, Nicolas; Simenel, Cédric; Skalski, Janusz; Stetcu, Ionel; Stevenson, Paul; Umar, Sait; Verriere, Marc; Vretenar, Dario; Warda, Michał; Åberg, Sven	
Coupling of shape and pairing vibrations in a collective Hamiltonian based on nuclear energy density functionals		Xiang, J.; Li, Z. P.; Nikšić, T.; Vretenar, D.; Long, W. H.	
Low- Z boundary of the N=88 -90 shape phase transition: Ce148 near the critical point		Koseoglou, P.; Werner, V.; Pietralla, N.; Ilieva, S.; Nikšić, T.; Vretenar, D.; Alexa, P.; Thürauf, M.; Bernards, C.; Blanc, A.; Bruce, A. M.; Cakirli, R. B.; Cooper, N.; Fraile, L. M.; de France, G.; Jentschel, M.; Jolie, J.; Köster, U.; Korten, W.; Kröll, T.; Lalkovski, S.; Mach, H.; Mărginean, N.; Mutti, P.; Patel, Z.; Pazy, V.; Podolyák, Zs.; Regan, P. H.; Régis, J.-M.; Roberts, O. J.; Saed-Samii, N.; Simpson, G. S.; Soldner, T.; Ur, C. A.; Urban, W.; Wilmsen, D.; Wilson, E.	
Microscopic description of the self-conjugate 108Xe and 104Te α -decay chain		Mercier, F.; Zhao, J.; Lasserri, R.-D; Ebran, J.-P.; Khan, E.; Nikšić, T.; Vretenar, D.	
Shape phase transitions in odd – A Zr isotopes		Nomura, K.; Nikšić, T.; Vretenar, D.	
Time-dependent generator coordinate method study of fission: Mass parameters		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario; Zhou, Shan-Gui	
Cluster structures in C12 from global energy density functionals		Marević, P.; Ebran, J.-P.; Khan, E.; Nikšić, T.; Vretenar, D.	

Investigation of nuclear cluster phenomenology with the relativistic EDF approach		Ebran, J-P; Khan, E.; Lasserri, R.; Marevic, P.; Nikšić, T.; Sandulescu, N.; Vretenar, D.	
Microscopic core-quasiparticle coupling model for spectroscopy of odd-mass nuclei with octupole correlations		Sun, W.; Quan, S.; Li, Z. P.; Zhao, J.; Nikšić, T.; Vretenar, D.	
Microscopic self-consistent description of induced fission dynamics: Finite-temperature effects		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario; Zhou, Shan-Gui	
Time-dependent generator-coordinate-method study of mass-asymmetric fission of actinides		Zhao, Jie; Xiang, Jian; Li, Zhi-Pan; Nikšić, Tamara; Vretenar, Dario; Zhou, Shan-Gui	
Nuclear quantum shape-phase transitions in odd- mass systems		Quan, S.; Li, Zhipan; Vretenar, Dario; Meng, Jie	
Quadrupole and octupole collectivity and cluster structures in neon isotopes		Marević, Petar; Ebran, Jean-Paul; Nikšić, Tamara; Vretenar, Dario	
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Global analysis of quadrupole shape invariants based on covariant energy density functionals		Quan, S.; Chen, Q; Li, Zhipan; Nikšić, Tamara; Vretenar, Dario	
Microscopic study of induced fission dynamics of ^{226}Th with covariant energy density functionals		Tao, H.; Zhao, Jie; Li, Zhipan; Nikšić, Tamara; Vretenar, Dario	
Shape-phase transitions in odd-mass gamma-soft nuclei with mass $A \approx 130$		Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
Spectroscopy of reflection-asymmetric nuclei with relativistic energy density functionals		Xia, S.Y.; Tao, H.; Li, Zhipan; Nikšić, Tamara; Vretenar, Dario	
“Sloppy” nuclear energy density functionals. II. Finite nuclei		Nikšić, Tamara; Imbrišak, Marko; Vretenar, Dario	

Beyond-mean-field boson-fermion model for odd-mass nuclei		Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
Multidimensionally-constrained relativistic mean- field study of spontaneous fission: Coupling between shape and pairing degrees of freedom		Zhao, Jie; Lu, Bing-nan; Nikšić, Tamara; Vretenar, Dario; Zhou, Shan-Gui	
Signatures of shape phase transitions in odd-mass nuclei		Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
Spin-orbit interaction in relativistic nuclear structure models		Ebran, Jean-Paul; Mutchler, A; Khan, Elias; Vretenar, Dario	
“Sloppy” nuclear energy density functionals: Effective model reduction		Nikšić, Tamara; Vretenar, Dario	
Study of heavy-ion reactions with large solid angle magnetic spectrometers		Mijatović, Tea	
High-K isomers in transactinide nuclei close to N=162		Prassa, Vaia; Lu, Bing-Nan; Nikšić, Tamara; Ackermann, D.; Vretenar, Dario	
Multidimensionally constrained relativistic Hartree-Bogoliubov study of spontaneous nuclear fission		Zhao, Jie; Lu, Bing-Nan; Nikšić, Tamara; Vretenar, Dario	
Multidimensionally constrained relativistic mean-field study of triple-humped barriers in actinides		Zhao, Jie; Lu, Bing-Nan; Vretenar, Dario; Zhao, En-Guang; Zhou, Shan-Gui	
Neutron skin thickness from the measured electric dipole polarizability in ^{68}Ni , ^{120}Sn , and ^{208}Pb		Roca-Maza, X.; Vinas, X.; Centelles, M.; Agrawal, B. K.; Colo, G.; Paar, Nils; Piekarewicz, J.; Vretenar, Dario	
Nuclear Energy Density Functionals and Neutron Star Properties		Paar, Nils; Moustakidis, Ch. C.; Lalazissis, G. A.; Marketin, Tomislav; Vretenar, Dario	
Nucleon transfer reactions in the $^{90}\text{Zr}+^{208}\text{Pb}$ system		Varga Pajtler, Maja	
Cluster-liquid transition in finite, saturated fermionic systems		Ebran, Jean-Paul; Khan, E.; Nikšić, Tamara; Vretenar, Dario	

Density functional theory studies of cluster states in nuclei		Ebran, J.-P.; Khan, Elias; Nikšić, Tamara; Vretenar, Dario	
Microscopic analysis of shape evolution and triaxiality in germanium isotopes		Nikšić, Tamara; Marević, P.; Vretenar, Dario	
Microscopic description of octupole shape-phase transitions in light actinide and rare-earth nuclei		Nomura, Kosuke; Vretenar, Dario; Nikšić, Tamara; Lu, Bing-Nan	
Neutron star structure and collective excitations of finite nuclei		Paar, Nils; Moustakidis, Ch. C.; Marketin, Tomislav; Vretenar, Dario; Lalazissis, G. A.	
Symmetry energy in nuclear density functional theory		Nazarewicz, W.; Reinhard, P. - G.; Satula, W.; Vretenar, Dario	
Anti-analog giant dipole resonances and the neutron skin of nuclei		Krasznahorkaya, A.; Paar, Nils; Vretenar, Dario; Harakeh, M. N.	
Electric dipole polarizability in ^{208}Pb : Insights from the droplet model		Roca-Maza, X.; Brenna, M.; Colo, G.; Centelles, M.; Vinas, X.; Agrawal, B. K.; Paar, Nils; Vretenar, Dario; Piekarewicz, J.	
Giant quadrupole resonances in ^{208}Pb , the nuclear symmetry energy, and the neutron skin thickness		Roca-Maza, X.; Brenna, M.; Agrawal, B. K.; Bortignon, P. F.; Colo, G.; Cao, Li-Gang; Paar, Nils; Vretenar, Dario	
Implementation of the finite amplitude method for the relativistic quasiparticle random-phase approximation		Nikšić, Tamara; Kralj, Nenad; Tutiš, Tea; Vretenar, Dario; Ring, Peter	
Incompressibility of finite fermionic systems: Stable and exotic atomic nuclei		Khan, E.; Paar, Nils; Vretenar, Dario; Cao, Li-Gang; Sagawa, H.; Colo, G.	
Localization and clustering in the nuclear Fermi liquid		Ebran, J.-P.; Khan, E.; Nikšić, Tamara; Vretenar, Dario	
Microscopic analysis of the octupole phase transition in Th isotopes		Nomura, Kosuke; Vretenar, Dario; Lu, Bing-nan	
Pairing transitions in finite-temperature relativistic Hartree-Bogoliubov theory		Niu, Y.F.; Niu, Z.M.; Paar, Nils; Vretenar, Dario; Wang, G.H.; Bai, J.S.; Meng, Jie	
Structure of transactinide nuclei with relativistic energy density functionals		Prassa, Vaia; Nikšić, Tamara; Vretenar, Dario	

Effect of time-odd mean fields on inertial parameters of the quadrupole collective Hamiltonian		Hinohara, Nobua; Li, Z. P.; Nakatsukasa, Takashi; Nikšić, Tamara; Vretenar, Dario	
Efficient method for computing the Thouless-Valatin inertia parameters		Li, Zhipan; Nikšić, Tamara; Ring, Peter; Vretenar, Dario; Yao, Jianming; Meng, Jie	
Electric dipole polarizability and the neutron skin		Piekarewicz, J.; Agrawal, B. K.; Colo, G.; Nazarewicz, Witold; Paar, Nils; Reinhard, P.-G.; Roca-Maza, X.; Vretenar, Dario	
Low-energy isovector and isoscalar dipole response in neutron-rich nuclei		Vretenar, Dario; Niu, Y. F.; Paar, Nils; Meng, Jie	
Nuclear pairing from chiral pion-nucleon dynamics: Applications to finite nuclei		Finelli, Paolo; Nikšić, Tamara; Vretenar, Dario	
Relativistic energy density functional description of shape transitions in superheavy nuclei		Prassa, Vaia; Nikšić, Tamara; Lalazissis, G. A.; Vretenar, Dario	
Robust Regularity in γ -Soft Nuclei and Its Microscopic Realization		Nomura, K.; Shimizu, N.; Vretenar, Dario; Nikšić, Tamara; Otsuka, T.	
Role of momentum transfer in the quenching of Gamow-Teller strength		Marketin, Tomislav; Martinez-Pinedo, Gabriel; Paar, Nils; Vretenar, Dario	
Stellar electron-capture rates on nuclei based on a microscopic Skyrme functional		Fantina, A. F.; Khan, E.; Colo, G.; Paar, Nils; Vretenar, Dario	
Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions. II. Microscopic analysis of low-lying states in magnesium isotopes		Yao, J. M.; Mei, H.; Chen, H.; Meng, J.; Ring, Peter; Vretenar, Dario	
Energy density functional analysis of shape evolution in N=28 isotones		Li, Z. P.; Yao, J. M.; Vretenar, Dario; Nikšić, Tamara; Chen, H.; Meng, Jie	
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Quadrupole collective dynamics from energy density functionals: Collective Hamiltonian and the interacting boson model		Nomura, Kosuke; Nikšić, Tamara; Otsuka, T.; Shimizu, N.; Vretenar, Dario	
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Stellar electron-capture rates calculated with the finite-temperature relativistic random-phase approximation		Niu, Y. F.; Paar, Nils; Vretenar, Dario; Meng, Jie	
Uncertainties in modeling low-energy neutrino-induced reactions on iron-group nuclei		Paar, Nils; Suzuki, Toshio; Honma, M.; Marketin, Tomislav; Vretenar, Dario	
Application of relativistic density functionals in the modeling of nuclear weak-interaction processes		Marketin, Tomislav	
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Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions		Yao, J. M.; Meng, Jie; Ring, Peter; Vretenar, Dario	
Constraints on the inner edge of neutron star crusts from relativistic nuclear energy density functionals		Moustakidis, Ch. C.; Nikšić, Tamara; Lalazissis, G. A.; Vretenar, Dario; Ring, Peter	
Microscopic description of spherical to γ -soft shape transitions in Ba and Xe nuclei		Li, Zhipan; Nikšić, Tamara; Vretenar, Dario; Meng, Jie	
Relativistic energy density functionals: Low-energy collective states of ^{240}Pu and ^{166}Er		Li, Z. P.; Nikšić, Tamara; Vretenar, Dario; Ring, Peter; Meng, Jie	
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Calculation of stellar electron-capture cross sections on nuclei based on microscopic Skyrme functionals		Paar, Nils; Colo, G.; Khan, E.; Vretenar, Dario	
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Collective and broken pair states of ^{65,67} Ga		Danko, I.; Soehler, D.; Dombradi, Zs.; Brant, Slobodan; Krstić, Vladimir; Cederkall, J.; Lipoglavšek, M.; Palacz, M.; Persson, J.; Atac, A.; Fahlander, C.; Grawe, H.; Johnson, A.; Kerek, A.; Klamra, W.; Kownacki, J.; Likar, A.; Norlin, L.-O.; Nyberg, J.; Paar, Vladimir; Schubart, R.; Seweryniak, D.; Vretenar, Dario; de Angelis, G.; Bednarczyk, P.; Foltescu, D.; Jerrestam, D.; Juutinen, S.; Makela, E.; Nyako, B. M.; de Poli, M.; Roth, H. A.; Shizuma, T.; Skeppstedt, O.; Sletten, G.; Tormanen, S.	

Excited states in ^{104}Cd described with the interacting boson model plus broken pairs		De Angelis, G.; Fahlander, C.; Vretenar, Dario; Brant, Slobodan; Gadea, A.; Algora, A.; Li, Y.; Pan, Q.; Farnea, E.; Bonsignori, G.; Brandolini, F.; DePoli, M.; DeAcuna, D.; Lunardi, S.; Maron, G.; Napoli, D. R.; Pavan, P.; Petrache, C. M.; Alvarez, C. R.; Spolaore, P.; Vedovato, G.	
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Nuclear structure of ^{97}Y in the interacting boson fermion plus broken pair model and the nature of the 3.523 MeV high-spin isomer		Lhersonneau, G.; Brant, Slobodan; Paar, Vladimir; Vretenar, Dario	
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Broken pairs in the interacting boson model: Projection of spurious states		Cacciamani, S.; Bonsignori, G.; Iachello, F.; Vretenar, Dario	
Excited states in Sm139 described with the interacting boson model plus broken pairs		Rossi Alvarez, C.; Vretenar, Dario; Podolyak, Zs.; Bazzacco, D.; Bonsignori, G.; Brandolini, F.; Brant, Slobodan; de Angelis, G.; De Poli, M.; Ionescu-Bujor, M.; Li, Y.; Lunardi, S.; Medina, N. H.; Petrache, C. M.	
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Structure of ^{112}In nucleus		Kibedi, T.; Dombradi, Zs.; Fenyés, T.; Krasznahorkay, A.; Timar, J.; Gacsi, Z.; Passoja, A.; Paar, Vladimir; Vretenar, Dario	