

Vrijeme izvoza: 19.04.2024. 07:57:56

Repozitorij: [repozitorij.pmf.unizg.hr](https://repozitorij.pmf.unizg.hr)

Ukupan broj zapisa na URL-u: 120

Broj izvezenih zapisa: 100

Naslov	URL	Autori	Naslov izvornika
Kontrola propagacije svjetlosti u nehermitskom dielektričnom mediju		Cavaliere Lokas, Luka	
Primjena neuronskih mreža u modeliranju svojstava atomskih jezgara		Šura, Krešimir	
Primjena računarskih modela za simulacije kondenzacije u bateriji		Pešić, Klara	
Expanding the limits of nuclear stability at finite temperature		Ravlić, Ante; Yüksel, Esra; Nikšić, Tamara; Paar, Nils	
Usporedba mogućnosti jezika SQL i biblioteke Pandas za rukovanje podacima		Grubić, Andrija	
Istraživanje učeničkog razumijevanja pojma liste i programskog koda liste u programskom jeziku Python		Duilo, Marija	
Application of information geometry methods in the development of nuclear structure models		Imbrišak, Marko	
Monte Carlo simulacije scintilacijskih detektora gama kamere u određivanju energijskih spektara fotona nuklearno medicinskih radionuklida		Baćani, Paula Antonija	
Pobuđena stanja $^{24}\text{Mg}$ na astrofizički relevantnim energijama		Bićanić, Ivan	

Relativistički opis nuklearnih matričnih elemenata za dvostruki beta raspad		Popara, Nato	
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 $\alpha$ , $2\alpha$ , 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.	
Stablaste mreže tenzora za kvantne višečestične sustave na konačnoj temperaturi		Reinić, Nora	
Stellar weak interaction processes at finite temperature based on the relativistic energy density functional theory		Ravlić, Ante	
Relativistic self-consistent models for atomic nuclei derived from the empirical densities		Accorto, Giacomo	
Clustering in neutron-rich light nuclei produced in reactions of $^9\text{Li}$ beam on LiF target		Vukman, Nikola	
Microscopic description of collective excitations in deformed atomic nuclei		Bjelčić, Antonio	
Time-dependent generator coordinate method study of fission. II. Total kinetic energy distribution		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Kalibracija radiokromskih filmova za dozimetriju kliničkih fotonskih snopova		Ursi, Giovanni	
Izrada simulacija u teorijskoj fizici pomoću programskog jezika Python		Herceg, Mihovil	
Effects of rotation and valence nucleons in molecular $\alpha$ -chain nuclei		Zhang, D. D.; Ren, Z. X.; Zhao, P. W.; Vretenar, D.; Nikšić, T.; Meng, J.	
Many-body approach to superfluid nuclei in axial geometry		Zhang, Yinu; Bjelčić, Antonio; Nikšić, Tamara; Litvinova, Elena; Ring, Peter; Schuck, Peter	
Time-dependent generator coordinate method study of fission: Dissipation effects		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	

Neutronski bogate teške jezgre	Gorički, Kristijan	
Magnetske gigantske rezonancije u teoriji relativističkog energijskog funkcionala gustoće	Kružić, Goran	
Sjena odbognog Rutherfordovog raspršenja u laboratorijskom sustavu	Rudec, Dario	
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	
Microscopic description of nuclear shapes and collective excitations	Lotina, Luka	
Sjena odbognog Rutherfordovog raspršenja	Topić, Ivan	
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.; Pazić, 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 $^{108}\text{Xe}$ and $^{104}\text{Te}$ $\alpha$ -decay chain	Mercier, F.; Zhao, J.; Lasseri, 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	
Rekonstrukcija kutne raspodjele nuklearnih reakcija	Šako, Marin	

Simulacije putanja planeta pomoću programskog jezika Python		Mimica, Roko	
Problem optimizacije slabo određenih modela nuklearne strukture		Imbrišak, Marko	
Uhvat elektrona u atomskoj jezgri u okviru relativističkog funkcionala gustoće		Ravlić, Ante	
Primjena statističkog učenja na proširenu semi-empirijsku formulu mase		Bezak, Mihaela	
Dvočestične valne funkcije harmoničkog oscilatora		Rožman, Katarina	
Proizvodnja zlata u eksplozijama supernove i sudarima neutronskih zvijezda		Paulik, Anamarija	
Simulacija gibanja zvrka pomoću programskog jezika Python		Ivanjek, Jasnik	
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.; Lasseri, 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	
Multipolna pobuđenja deformiranih atomskih jezgri		Bjelčić, Antonio	
Quadrupole and octupole collectivity and cluster structures in neon isotopes		Marević, Petar; Ebran, Jean-Paul; Nikšić, Tamara; Vretenar, Dario	

Signatures of octupole correlations in neutron-rich odd-mass barium isotopes		Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
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 $^{226}\text{Th}$ 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	
Investigating in-medium lambda production in pion induced reactions at $1.15 \text{ gev}/c$		Weber, Ivana	
Nova generacija relativističkih nuklearnih energijskih funkcionala gustoće		Novak, Igor	
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	
"Sloppy" nuclear energy density functionals: Effective model reduction		Nikšić, Tamara; Vretenar, Dario	
Study of light nuclei by $^{13}\text{C}$ beam induced reactions		Prepolec, Lovro	
Mikroskopski opis oktupolnih pobuđenja u izotopima samarija i gadolinija		Marević, Petar	

Prilagodba energije ubrzanih iona za ozračavanje materijala od interesa za fuzijske reaktore		Andričević, Pavao Roko	
Nuklearne reakcije $^{10}\text{B} + ^{10}\text{B}$ i građa lakih atomskih jezgara		Jelavić, Deša	
Study of heavy-ion reactions with large solid angle magnetic spectrometers		Mijatović, Tea	
Eksperimentalno određivanje multipolariteta elektromagnetskih prijelaza izazvanih reakcijama prijenosa nukleona		Čolović, Petra	
Measurement of the $p(e, e' \pi^+)n$ reaction with the short-orbit spectrometer at $Q^2 = 0.078$ ( $\text{GeV}/c^2$ )		Friščić, Ivica	
Razvoj metode protonima inducirane emisije gama-zračenja za analizu i trodimenzionalno profiliranje lakih elemenata		Zamboni, Ivana	
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	
Measurement of the $^{58}\text{Ni}$ neutron capture cross section		Žugec, Petar	
Nucleon transfer reactions in the $^{90}\text{Zr}+^{208}\text{Pb}$ system		Varga Pajtler, Maja	
Pulsirani ionski snopovi za dvostruko ozračavanje ionima		Brčić, Nikola	
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	
Implementation of the finite amplitude method for the relativistic quasiparticle random-phase approximation		Nikšić, Tamara; Kralj, Nenad; Tutiš, Tea; Vretenar, Dario; Ring, Peter	
Localization and clustering in the nuclear Fermi liquid		Ebran, J.-P.; Khan, E.; Nikšić, Tamara; Vretenar, Dario	
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	
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 $\gamma$ -Soft Nuclei and Its Microscopic Realization		Nomura, K.; Shimizu, N.; Vretenar, Dario; Nikšić, Tamara; Otsuka, T.	
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	
Quadrupole collective dynamics from energy density functionals: Collective Hamiltonian and the interacting boson model		Nomura, Kosuke; Nikšić, Tamara; Otsuka, T.; Shimizu, N.; Vretenar, Dario	

3D relativistic Hartree-Bogoliubov model with a separable pairing interaction: Triaxial ground-state shapes		Nikšić, Tamara; Ring, Peter; Vretenar, Dario; Tian, Yuan; Ma, Zhong-yu	
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 $\gamma$ -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 $^{240}\text{Pu}$ and $^{166}\text{Er}$		Li, Z. P.; Nikšić, Tamara; Vretenar, Dario; Ring, Peter; Meng, Jie	
Beyond the relativistic mean-field approximation. III. Collective Hamiltonian in five dimensions		Nikšić, Tamara; Li, Z. P.; Vretenar, Dario; Prochniak, L.; Meng, Jie; Ring, Peter	
Microscopic analysis of nuclear quantum phase transitions in the N~90 region		Li, Z. P.; Nikšić, Tamara; Vretenar, Dario; Meng, Jie; Lalazissis, G. A.; Ring, Peter	
Microscopic analysis of order parameters in nuclear quantum phase transitions		Li, Z. P.; Nikšić, Tamara; Vretenar, Dario; Meng, Jie	
Nuclear “bubble” structure in $^{34}\text{Si}$		Grasso, M.; Gaudefroy, L.; Khan, E.; Nikšić, Tamara; Piekarewicz, J.; Sorlin, O.; Giai, N. Van; Vretenar, Dario	
Relativistic quasiparticle random-phase approximation calculation of total muon capture rates		Marketin, Tomislav; Paar, Nils; Nikšić, Tamara; Vretenar, Dario	
Finite- to zero-range relativistic mean-field interactions		Nikšić, Tamara; Vretenar, Dario; Lalazissis, G. A.; Ring, Peter	
Relativistic nuclear energy density functionals: Adjusting parameters to binding energies		Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Microscopic Description of Nuclear Quantum Phase Transitions		Nikšić, Tamara; Vretenar, Dario; Lalazissis, G. A.; Ring, Peter	

Beyond the relativistic mean-field approximation. II. Configuration mixing of mean-field wave functions projected on angular momentum and particle number		Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Beyond the relativistic mean-field approximation: Configuration mixing of angular-momentum-projected wave functions		Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Relativistic quasiparticle random-phase approximation description of isoscalar compression modes in open-shell nuclei in the $A \approx 60$ mass region		Paar, Nils; Vretenar, Dario; Nikšić, Tamara; Ring, Peter	
New relativistic mean-field interaction with density-dependent meson-nucleon couplings		Lalazissis, G. A.; Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Random-phase approximation based on relativistic point-coupling models		Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Renormalized relativistic Hartree-Bogoliubov equations with a zero-range pairing interaction		Nikšić, Tamara; Ring, Peter; Vretenar, Dario	
$\beta$ -decay rates of r-process nuclei in the relativistic quasiparticle random phase approximation		Nikšić, Tamara; Marketin, Tomislav; Vretenar, Dario; Paar, Nils; Ring, Peter	
Ground-state properties of rare-earth nuclei in the relativistic Hartree-Bogoliubov model with density-dependent meson-nucleon couplings		Nikšić, Tamara; Vretenar, Dario; Lalazissis, G. A.; Ring, Peter	
Quasiparticle random phase approximation based on the relativistic Hartree-Bogoliubov model. II. Nuclear spin and isospin excitations		Paar, Nils; Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
A microscopic estimate of the nuclear matter compressibility and symmetry energy in relativistic mean-field models		Vretenar, Dario; Nikšić, Tamara; Ring, Peter	
Quasiparticle random phase approximation based on the relativistic Hartree-Bogoliubov model		Paar, Nils; Ring, Peter; Nikšić, Tamara; Vretenar, Dario	

Spin-Isospin Resonances and the Neutron Skin of Nuclei		Vretenar, Dario; Paar, Nils; Nikšić, Tamara; Ring, Peter	
Beyond the relativistic Hartree mean-field approximation: Energy dependent effective mass		Vretenar, Dario; Nikšić, Tamara; Ring, Peter	
Relativistic Hartree-Bogoliubov model with density-dependent meson-nucleon couplings		Nikšić, Tamara; Vretenar, Dario; Finelli, P.; Ring, Peter	
Relativistic random-phase approximation with density-dependent meson-nucleon couplings		Nikšić, Tamara; Vretenar, Dario; Ring, Peter	
Shape coexistence in the relativistic Hartree-Bogoliubov approach		Nikšić, Tamara; Vretenar, Dario; Ring, Peter; Lalazissis, G. A.	
Toroidal dipole resonances in the relativistic random phase approximation		Vretenar, Dario; Paar, Nils; Ring, Peter; Nikšić, Tamara	