https://repozitorij.pmf.unizg.hr/en/user/profile/mbz/257856

Time of export: 28.03.2024. 17:46:46
Repository: repozitorij.pmf.unizg.hr
Number of records on this URL: 96
Records exported: 96

Title	URL	Authors	Host item title
Primjena neuronskih mreža u modeliranju svojstava atomskih jezgara		Šura, Krešimir	
Expanding the limits of nuclear stability at finite temperature		Ravlić, Ante; Yüksel, Esra; Nikšić, Tamara; Paar, Nils	
Application of information geometry methods in the development of nuclear structure models		Imbrišak, Marko	
Pobuđena stanja 24Mg na astrofizički relevantnim energijama		Bićanić, Ivan	
Relativistički opis nuklearnih matričnih elemenata za dvostruki beta raspad		Popara, Nato	
Implications of parity-violating electron scattering experiments on 48Ca (CREX) and 208Pb (PREX-II) for nuclear energy density functionals		Yüksel, Esra; Paar, Nils	
Red predavanja 2017./2018.			
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	
Microscopic description of collective excitations in deformed atomic nuclei		Bjelčić, Antonio	
Kalibracija period-luminozitet relacija promjenjivih zvijezda tipa Mira		Đukić, Ivan	
Kalibracija radiokromskih filmova za dozimetriju kliničkih fotonskih snopova		Ursi, Giovanni	
Razvoj kapilarne mikroprobe za masenu spektrometriju korištenjem iona megaelektronvoltnih energija		Brajković, Marko	
Mjerenje zaustavne moći za ione vodika MeV-skih energija u dijamantu		Matijević, Matija	
Odziv radiofotoluminiscentnih dozimetara u protonskim snopovima niskih energija		Pasariček, Luka	
Finite-temperature electron-capture rates for neutron-rich nuclei near N=50 and effects on core-collapse supernova simulations		Giraud, S.; Zegers, R. G. T.; Brown, B. A.; Gabler, J.-M.; Lesniak, J.; Rebenstock, J.; Ney, E. M.; Engel, J.; Ravlić, A.; Paar, N.	
Symmetry breaking of Gamow-Teller and magnetic-dipole transitions and its restoration in calcium isotopes		Oishi, Tomohiro; Ravlić, Ante; Paar, Nils	
Two-neutrino double-β decay matrix elements based on a relativistic nuclear energy density functional		Popara, N.; Ravlić, A.; Paar, N.	
Magnetske gigantske rezonancije u teoriji relativističkog energijskog funkcionala gustoće		Kružić, Goran	

Nuclear Equation of State in the Relativistic Point-Coupling Model Constrained by Excitations in Finite Nuclei		Yüksel, Esra; Oishi, Tomohiro; Paar, Nils	
Sjena odbojnog Rutherfordovog raspršenja u laboratorijskom sustavu		Rudec, Dario	
Evolution of magnetic dipole strength in 100−140^Sn isotope chain and the quenching of nucleon g factors		Kružić, G.; Oishi, T.; Paar, N.	
Nuclear charge-exchange excitations based on a relativistic density-dependent point-coupling model		Vale, D.; Niu, Y. F.; Paar, N.	
Study of transfer reaction properties with stable and unstable heavy ion beams		Čolović, Petra	
Magnetic dipole excitations based on the relativistic nuclear energy density functional		Kružić, G.; Oishi, T.; Vale, D.; Paar, N.	
Proučavanje nuklearne jednadžbe stanja u sudarima izotopa kositra		Lihtar, Ivana	
Microscopic description of nuclear shapes and collective excitations		Lotina, Luka	
Sjena odbojnog Rutherfordovog raspršenja		Topić, Ivan	
Evolution of the dipole polarizability in the stable tin isotope chain		Bassauer, S.; von Neumann-Cosel, P.; Reinhard, P.-G.; Tamii, A.; Adachi, S.; Bertulani, C.A.; Chan, P.Y.; Colò, G.; D'Alessio, A.; Fujioka, H.; Fujita, H.; Fujita, Y.; Gey, G.; Hilcker, M.; Hoang, T.H.; Inoue, A.; Isaak, J.; Iwamoto, C.; Klaus, T.; Kobayashi, N.; Maeda, Y.; Matsuda, M.; Nakatsuka, N.; Noji, S.; Ong, H.J.; Ou, I.; Paar, N.; Pietralla, N.; Ponomarev, V.Yu.; Reen, M.S.; Richter, A.; Roca-Maza, X.; Singer, M.; Steinhilber, G.; Sudo, T.; Togano, Y.; Tsumura, M.; Watanabe, Y.; Werner, V.	
Gamow-Teller excitations at finite temperature: Competition between pairing and temperature effects		Yüksel, E.; Paar, N.; Colò, G.; Khan, E.; Niu, Y. F.	

Rekonstrukcija kutne raspodjele nuklearnih reakcija		Šako, Marin	
Mjerenje nuklearnih reakcija sa snopom 3^He na jezgrama 2^H, 9^Be i 12^C		Palada, Luka	
Neutronski bogate jezgre kalija		Diklić, Josipa	
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	
Proizvodnja zlata u eksplozijama supernove i sudarima neutronskih zvijezda		Paulik, Anamarija	
Magnetic dipole excitation and its sum rule in nuclei with two valence nucleons		Oishi, Tomohiro; Paar, Nils	
Optimizing the relativistic energy density functional with nuclear ground state and collective excitation properties		Yüksel, E.; Marketin, T.; Paar, N.	
Multipolna pobuđenja deformiranih atomskih jezgri		Bjelčić, Antonio	
Transient current technique (TCT) characterization of high-energy photon irradiated silicon detectors		Petrinec, Ana	
Red predavanja 2018./2019.			
Primjena pozicijsko osjetljivih PIN dioda u EBS spekrometriji		Brajković, Marko	
Tvorba defekata u poluvodičkim detektorima ozračivanjem fokusiranim ionskim snopovima različitih karakteristika		Crnjac, Andreo	

Tragovi brzih teških iona u polimerima		Iveković, Damjan	
Nuklearne reakcije izazvane 7Li na lakim jezgrama		Popočovski, Romana	
Simulacija detektorskog sustava za pozitronsku emisijsku tomografiju		Car, Julio	
Pokusi sa strujnim krugovima u osnovnoj školi		Franić, Nives	
Nuklearne reakcije 10B+12C i građa lakih atomskih jezgara		Nurkić, Deni	
Analiza korelacija u relativističkom modelu srednjeg polja		Markulin, Ines	
Nukleosinteza elemenata težih od željeza		Divjak, Roman	
Microscopic Calculations of β-decay Rates for r-process		Marketin, Tomislav; Sieverding, A.; Wu, M.-R.; Paar, Nils; Martinez-Pinedo, G.	
Model dependence of the neutron-skin thickness on the symmetry energy		Mondal, C.; Agrawal, B. K.; Centelles, M.; Colò, G.; Roca-Maza, X.; Paar, Nils; Viñas, X.; Singh, S. K.; Patra, S. K.	
Pygmy dipole resonance in ^140Ce via inelastic scattering of ^17O		Krzysiek, M.; Kmiecik, M.; Maj, A.; Bednarczyk, P.; Bracco, A.; Crespi, F. C. L.; Lanza, E. G.; Litvinova, E.; Paar, Nils; Avigo, R.; Bazzacco, D.; Benzoni, G.; Birkenbach, B.; Blasi, N.; Bottoni, S.; Brambilla, S.; Camera, F.; Ceruti, S.; Ciemala, M.; de Angelis, G.; Désesquelles, P.; Eberth, J.; Farnea, E.; Gadea, A.; Giaz, A.; Gorgen, A.; Gottardo, A.; Grebosz, J.; Hess, H.; Isocarte, R.; Jungclaus, A.; Leoni, S.; Ljungvall, J.; Lunardi, S.; Mazurek, K.; Menegazzo, R.; Mengoni, D.; Michelagnoli, C.; Milion, B.; Morales, A. I.; Napoli, D. R.; Nicolini, R.; Pellegri, L.; Pullia, A.; Quintana, B.; Recchia, F.; Reiter, P.; Rosso, D.; Salsac, M. D.; Siebeck, B.; Siem, S.; Soderstrom, P.-A.; Ur, C.; Valiente-Dobon, J. J.; Wieland, O.; Zieblinski, M.	
Neutron skin thickness from the measured electric dipole polarizability in 68Ni, 120Sn, and 208Pb		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	
The Nuclear Symmetry Energy and Other Isovector Observables from the Point of View of Nuclear Structure		Colo, G.; Roca-Maza, X.; Paar, Nils	

Dinamika hladnih atoma rubidija zarobljenih u magneto-optičkoj stupici		Nekić, Nikolina	
Pulsirani ionski snopovi za dvostruko ozračavanje ionima		Brčić, Nikola	
Neutron star structure and collective excitations of finite nuclei		Paar, Nils; Moustakidis, Ch. C.; Marketin, Tomislav; Vretenar, Dario; Lalazissis, G. A.	
Anti-analog giant dipole resonances and the neutron skin of nuclei		Krasznahorkaya, A.; Paar, Nils; Vretenar, Dario; Harakeh, M. N.	
Electric dipole polarizability in 208Pb: 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 208Pb, 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	
Incompressibility of finite fermionic systems: Stable and exotic atomic nuclei		Khan, E.; Paar, Nils; Vretenar, Dario; Cao, Li-Gang; Sagawa, H.; Colo, G.	
Information content of the weak-charge form factor		Reinhard, P.-G.; Piekarewicz, J.; Nazarewicz, W.; Agrawal, B. K.; Paar, Nils; Roca-Maza, X.	
Large-scale calculations of supernova neutrino-induced reactions in Z=8–82 target nuclei		Paar, Nils; Tutman, H.; Marketin, Tomislav; Fischer, Tobias	
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	
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	
Neutral-current neutrino-nucleus cross sections based on relativistic nuclear energy density functional		Đapo, Haris; Paar, Nils	
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	
Experimental study of pionic fusion 4He(3He,π0)7Be		Gašparić, Igor	
Low-energy monopole strength in exotic nickel isotopes		Khan, E.; Paar, Nils; Vretenar, Dario	
Neutrino and antineutrino charge-exchange reactions on 12C		Samana, Arturo; Krmpotić, Francesco; Paar, Nils; Bertulani, Carlos	
Nuklearni procesi u evoluciji supernove		Paar, Nils	
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	
Spektroskopija elastično izbijenih iona mjerenjem vremena proleta		Siketić, Zdravko	
Spinsko-izospinska pobuđenja u atomskim jezgrama		Zorić, Maja	
Calculation of stellar electron-capture cross sections on nuclei based on microscopic Skyrme functionals		Paar, Nils; Colo, G.; Khan, E.; Vretenar, Dario	
Isoscalar and Isovector Splitting of Pygmy Dipole Structures		Paar, Nils; Niu, Y. F.; Vretenar, Dario; Meng, Jie	
Relativistic quasiparticle random-phase approximation calculation of total muon capture rates		Marketin, Tomislav; Paar, Nils; Nikšić, Tamara; Vretenar, Dario	

Comment on “Pygmy dipole response of proton-rich argon nuclei in random-phase approximation and no-core shell model”		Paar, Nils	
Inclusive charged-current neutrino-nucleus reactions calculated with the relativistic quasiparticle random-phase approximation		Paar, Nils; Vretenar, Dario; Marketin, Tomislav; Ring, Peter	
Nuclear symmetry energy and neutron skins derived from pygmy dipole resonances		Klimkiewicz, A.; Paar, Nils; Adrich, P.; Fallot, M.; Boretzky, K.; Aumann, T.; Cortina-Gil, D.; Pramanik, U. Datta; Elze, Th. W.; Emling, H.; Geissel, H.; Hellström, M.; Jones, K. L.; Kratz, J. V.; Kulessa, R.; Nociforo, C.; Palit, R.; Simon, H.; Surowka, G.; Summerer, K.; Vretenar, Dario; Walus, W.	
Relativistic quasiparticle random-phase approximation description of isoscalar compression modes in open-shell nuclei in the A≈60 mass region		Paar, Nils; Vretenar, Dario; Nikšić, Tamara; Ring, Peter	
Proton Electric Pygmy Dipole Resonance		Paar, Nils; Vretenar, Dario; Ring, Peter	
β-decay rates of r-process nuclei in the relativistic quasiparticle random phase approximation		Nikšić, Tamara; Marketin, Tomislav; Vretenar, Dario; Paar, Nils; 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	
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	
Toroidal dipole resonances in the relativistic random phase approximation		Vretenar, Dario; Paar, Nils; Ring, Peter; Nikšić, Tamara	
Pygmy dipole resonances in relativistic random phase approximation		Vretenar, Dario; Paar, Nils; Ring, Peter; Lalazissis, G. A.	

Nonlinear dynamics of giant resonances in atomic nuclei		Vretenar, Dario; Paar, Nils; Ring, Peter; Lalazissis, G. A.	