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Entanglement in multinucleon transfer reactions		Li, B.; Vretenar, Dario; Nikšić, Tamara; Zhang, D. D.; Zhao, P. W.; Meng, J.	
Multinucleon transfer with time-dependent covariant density functional theory		Zhang, D. D.; Vretenar, Dario; Nikšić, Tamara; Zhao, P. W.; Meng, J.	
Fission dynamics, dissipation, and clustering at finite temperature		Li, B.; Vretenar, Dario.; Ren, Z. X.; Nikšić, Tamara; Zhao, J.; Zhao, P. W.; Meng, J.	
Generalized time-dependent generator coordinate method for small- and large-amplitude collective motion		Li, B.; Vretenar, Dario; Nikšić, Tamara; 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, Tamara; Vretenar, Dario	
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	
Dynamical Synthesis of ^4He in the Scission Phase of Nuclear Fission		Ren, Z. X.; Vretenar, Dario; Nikšić, Tamara; Zhao, P. W.; Zhao, J.; Meng, J.	
Effects of rotation and valence nucleons in molecular α -chain nuclei		Zhang, D. D.; Ren, Z. X.; Zhao, P. W.; Vretenar, Dario; Nikšić, Tamara; Meng, J.	

Microscopic analysis of induced nuclear fission dynamics		Ren, Z. X.; Zhao, J.; Vretenar, Dario; Nikšić, Tamara; Zhao, P. W.; Meng, J.	
Microscopic description of 2α -decay in ^{212}Po and ^{224}Ra isotopes		Mercier, F.; Zhao, J.; Ebran, J.-P.; Khan, E.; Nikšić, Tamara; Vretenar, Dario	
Time-dependent generator coordinate method study of fission: Dissipation effects		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Microscopic self-consistent description of induced fission: Dynamical pairing degree of freedom		Zhao, Jie; Nikšić, Tamara; Vretenar, Dario	
Coupling of pairing and triaxial shape vibrations in collective states of γ -soft nuclei		Nomura, Kosuke; Vretenar, Dario; Li, Z. P.; Xiang, J.	
Interplay between pairing and triaxial shape degrees of freedom in Os and Pt nuclei		Nomura, Kosuke; Vretenar, Dario; Li, Z. P.; Xiang, J.	
Low-energy cluster modes in $N = Z$ nuclei		Mercier, F.; Bjelčić, Antonio; Nikšić, Tamara; Ebran, J.-P.; Khan, E.; Vretenar, Dario	
Microscopic Description of 2α Decay in ^{212}Po and ^{224}Ra Isotopes		Mercier, F.; Zhao, J.; Ebran, J.-P.; Khan, E.; Nikšić, Tamara; Vretenar, Dario	
Microscopic description of octupole collective excitations near $N=56$ and $N=88$		Nomura, Kosuke; Lotina, Luka; Nikšić, Tamara; Vretenar, Dario	
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, Kosuke; Vretenar, Dario; 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, Jhiliam; 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, Tamara; Vretenar, Dario; 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, Tamara; Vretenar, Dario; 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, Tamara; Vretenar, Dario	
Shape phase transitions in odd – A Zr isotopes	Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
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, Petar; Ebran, J.-P.; Khan, E.; Nikšić, Tamara; Vretenar, Dario	
Investigation of nuclear cluster phenomenology with the relativistic EDF approach	Ebran, J-P; Khan, E.; Lasserri, R.; Marević, Petar; Nikšić, Tamara; Sandulescu, N.; Vretenar, Dario	
Microscopic core-quasiparticle coupling model for spectroscopy of odd-mass nuclei with octupole correlations	Sun, W.; Quan, S.; Li, Z. P.; Zhao, J.; Nikšić, Tamara; Vretenar, Dario	
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	
Signatures of octupole correlations in neutron-rich odd-mass barium isotopes		Nomura, Kosuke; Nikšić, Tamara; Vretenar, Dario	
Single-particle spatial dispersion and clusters in nuclei		Ebran, J.-P.; Khan, E.; Lasserri, R.-D.; 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}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	
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“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 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	
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	

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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, Kosuke; 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	
Low-energy monopole strength in exotic nickel isotopes		Khan, E.; Paar, Nils; Vretenar, Dario	
Quadrupole collective dynamics from energy density functionals: Collective Hamiltonian and the interacting boson model		Nomura, Kosuke; Nikšić, Tamara; Otsuka, T.; Shimizu, N.; Vretenar, Dario	

Relativistic Hartree-Fock-Bogoliubov model for deformed nuclei		Ebran, J.-P.; Khan, E.; Pena Arteaga, D.; Vretenar, Dario	
Stellar electron-capture rates calculated with the finite-temperature relativistic random-phase approximation		Niu, Y. F.; Paar, Nils; Vretenar, Dario; Meng, Jie	
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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	
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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	

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Nuclear “ bubble” structure in ^{34}Si		Grasso, M.; Gaodefroy, 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	
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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.; Kulesa, R.; Nociforo, C.; Palit, R.; Simon, H.; Surowka, G.; Summerer, K.; Vretenar, Dario; Walus, W.	

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High-spin structure and electromagnetic transition strengths in Cd-104	Muller, G. A.; Jungclaus, A.; Yordanov, O.; Galindo, E.; Hausmann, M.; Kast, D.; Lieb, K. P.; Brant, Slobodan; Krstić, Vladimir; Vretenar, Dario; Algora, A.; Brandolini, F.; de Angelis, G.; De Poli, M.; Fahlander, C.; Gadea, A.; Martinez, T.; Napoli, D. R.; Dewald, A.; Peusquens, R.; Tiesler, H.; Gorska, M.; Grawe, H.; Bizzeti, P. G.
Lifetime measurements of high-spin states in Ag-101 and their interpretation in the interacting boson fermion plus broken pair model	Galindo, E.; Hausmann, M.; Jungclaus, A.; Kast, D.; Lieb, K. P.; Muller, G. A.; Yordanov, O.; Brant, Slobodan; Vretenar, Dario; Algora, A.; Brandolini, F.; de Angelis, G.; De Poli, M.; Fahlander, C.; Gadea, A.; Martinez, T.; Napoli, D. R.; Dewald, A.; Peusquens, R.; Tiesler, H.; Gorska, M.; Grawe, H.; Bizzeti, P. G.; Sona, P.; Bonsignori, G.
Pygmy dipole resonances in relativistic random phase approximation	Vretenar, Dario; Paar, Nils; Ring, Peter; Lalazissis, G. A.
Relativistic Hartree-Bogoliubov description of sizes and shapes of A=20 isobars	Lalazissis, G. A.; Vretenar, Dario; Ring, Peter
Spectroscopy near the proton drip line in the deformed A=130 mass region : the Pr-126 nucleus	Petrache, C. M.; Nespolo, M.; Brant, Slobodan; Lo Bianco, G.; Bazzacco, D.; Lunardi, S.; Spolaore, P.; Axiotis, M.; Blasi, N.; de Angelis, G.; Kroll, T.; Marginean, N.; Martinez, T.; Menegazzo, R.; Napoli, D. R.; Quintana, B.; Saltarelli, A.; Ventura, A.; Vretenar, Dario
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Parity violating elastic electron scattering and neutron density distributions in the relativistic Hartree-Bogoliubov model	Vretenar, Dario; Finelli, P.; Ventura, A.; Lalazissis, G. A.; Ring, Peter
Collective and broken pair states of 65,67Ga	Danko, I.; Sohler, 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 104Cd 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.
Nonlinear dynamics of giant resonances in atomic nuclei	Vretenar, Dario; Paar, Nils; Ring, Peter; Lalazissis, G. A.

Relativistic Hartree plus Bogoliubov description of the deformed N=28 region		Lalazissis, G. A.; Vretenar, Dario; Ring, Peter; Robledo, L. M.	
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Transitional Lu and spherical Ta ground-state proton emitters in the relativistic Hartree-Bogoliubov model		Lalazissis, G. A.; Vretenar, Dario; Ring, Peter	
Interacting boson model plus broken-pair description of high-spin dipole bands		Vretenar, Dario; Brant, Slobodan; Bonsignori, G.; Corradini, L.; Petrache, C. M.	
Level structure of ⁹⁹ Nb		Lhersonneau, G.; Suhonen, J.; Dendooven, P.; Honkanen, A.; Huhta, M.; Jones, P.; Julin, R.; Juutinen, S.; Oinonen, M.; Penttila, H.; Persson, J. R.; Perajarvi, K.; Savelius, A.; Wang, J. C.; Aysto, J.; Brant, Slobodan; Paar, Vladimir; Vretenar, Dario	
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	
Proton drip-line nuclei in relativistic Hartree-Bogoliubov theory		Vretenar, Dario; Lalazissis, G. A.; Ring, Peter	
Relativistic Hartree-Bogoliubov description of ground-state properties of Ni and Sn isotopes		Lalazissis, G. A.; Vretenar, Dario; Ring, Peter	
Solution of relativistic Hartree-Bogoliubov equations in configurational representation: Spherical neutron halo nuclei		Stoitsov, M.; Ring, Peter; Vretenar, Dario; Lalazissis, G. A.	
Broken pairs in the interacting boson model: Projection of spurious states		Cacciamani, S.; Bonsignori, G.; Iachello, F.; Vretenar, Dario	
Excited states in ¹³⁹ Sm 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.	

Broken pairs and evolution of collectivity in the $A \approx 140$ mass region: High spin states of the $^{138}_{60}\text{Nd}_{78}$ nucleus		de Angelis, G.; Cardona, M. A.; De Poli, M.; Lunardi, S.; Bazzacco, D.; Brandolini, F.; Vretenar, Dario; Bonsignori, G.; Savoia, M.; Wyss, R.; Terrasi, F.; Roca, V.	
Two-quasiparticle states in the interacting boson model. II. Electromagnetic properties in the SU(3) limit		Vretenar, Dario; Paar, Vladimir; Savoia, M.; Bonsignori, G.	
Two- and four-quasiparticle states in the interacting boson model: Strong-coupling and decoupled band patterns in the SU(3) limit		Vretenar, Dario; Paar, Vladimir; Bonsignori, G.; Savoia, M.	
Structure of ^{112}In nucleus		Kibedi, T.; Dombradi, Zs.; Fenyés, T.; Krasznahorkay, A.; Timar, J.; Gacsi, Z.; Passoja, A.; Paar, Vladimir; Vretenar, Dario	