

ОГЛЯД ЦИТУВАННЯ РОБОТИ

Ядерні процеси як джерело інформації про структуру ядер та ядерну взаємодію

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№ п.п.	Назва статті (монографії), автори, назва видання, рік, том, сторінка або DOI	Кількість посилань згідно бази даних		
		Web of Science	Scopus	Google Scholar
1	RIPL—reference input parameter library for calculation of nuclear reactions and nuclear data evaluations Roberto Capote, Michel Herman, P Obložinský, PG Young, Stéphane Goriely, T Belgya, AV Ignatyuk, Arjan J Koning, Stéphane Hilaire, Vladimir A Plujko , M Avrigeanu, O Bersillon, MB Chadwick, T Fukahori, Zhigang Ge, Yinlu Han, S Kailas, J Kopecky, VM Maslov, G Reffo, Mihaela Sin, E Sh Soukhovitskii, P Talou Nuclear Data Sheets, 2009, Vol. 110 (12), P. 3107-3214.	560*	613*	728*
2	Handbook for calculations of nuclear reaction data, RIPL-2 T Belgya, O Bersillon, R Capote, T Fukahori, Ge Zhigang, S Goriely, M Herman, AV Ignatyuk, S Kailas, A Koning, P Obložinsky, V Plujko , P Young International Atomic Energy Agency, Vienna, Austria, 2006, 157 pages.	-	-	281*
3	Search for 2β decay of cadmium and tungsten isotopes: final results of the Solotvina experiment Fedor A Danevich, A Sh Georgadze, VV Kobychyev, BN Kropivnyansky, AS Nikolaiko, OA Ponkratenko , VI Tretyak, S Yu Zdesenko, Yu G Zdesenko, PG Bizzeti, TF Fazzini, PR Maurenzig Physical Review C, 2003, Vol. 68 (3), P. 035501	137*	160*	244*
4	α -nucleus potential for α -decay and sub-barrier fusion VY Denisov , H Ikezoe Physical Review C, 2005, Vol. 72 (6), P. 064613	135*	146*	182*
5	Event generator DECAY4 for simulating double-beta processes and decays of radioactive nuclei OA Ponkratenko , VI Tretyak, YG Zdesenko Physics of Atomic Nuclei, 2000, Vol. 63 (7), P. 1282-1287	100*	111*	157*
6	Entrance channel potentials in the synthesis of the heaviest nuclei VY Denisov , W Nörenberg The European Physical Journal A-Hadrons and Nuclei, 2002, Vol. 15 (3), P. 375-388	105*	113*	150*
7	Formation of superheavy elements in cold fusion reactions VY Denisov , S Hofmann Physical Review C, 2000, Vol. 61 (3), P. 034606	82*	80*	135*
8	New experimental limit on the electron stability and non-paulian transitions in Iodine atoms P Belli, R Bernabei, CJ Dai, HL He, G Ignesti, A Incicchitti, HH Kuang, JM Ma, F Montecchia, OA Ponkratenko , D Prosperi, VI Tretyak, Yu G Zdesenko Physics Letters B, 1999, Vol. 460, P. 034606 236-241	98*	108*	120*
9	New limits on spin-dependent coupled wimps and on 2β processes in ^{40}Ca and ^{46}Ca by using low radioactive CaF_2 (Eu) crystal scintillators P Belli, R Bernabei, CJ Dai, F Grianti, HL He, G Ignesti, A Incicchitti, HH Kuang, JM Ma, F Montecchia, OA Ponkratenko , D Prosperi, VI Tretyak, Yu G Zdesenko Nuclear Physics B, 1999, Vol. 563, P. 97-106	100*	87*	113*
10	New limits on $2\beta^+$ decay processes in ^{106}Cd P Belli, R Bernabei, A Incicchitti, C Arpesella, VV Kobychyev, OA Ponkratenko , VI Tretyak, Yu G Zdesenko Astroparticle Physics, 1999, Vol. 10, P. 115-120	102*	118*	113*

11	Quest for double beta decay of ^{160}Gd and Ce isotopes Fedor A Danevich, VV Kobychhev, OA Ponkratenko , VI Tretyak, Yu G Zdesenko Nuclear Physics A, 2001, Vol. 694, P. 375-391	87*	92*	112*
12	α -Decay half-lives, α -capture, and α -nucleus potential V Yu Denisov , AA Khudenko Atomic Data and Nuclear Data Tables, 2009, Vol. 95, P. 815-835	67*	103*	112*
13	New limits on the nuclear levels excitation of ^{127}I and ^{23}Na during charge nonconservation P Belli, R Bernabei, CJ Dai, HL He, G Ignesti, A Incicchitti, HH Kuang, JM Ma, F Montecchia, OA Ponkratenko , D Prospero, VI Tretyak, Yu G Zdesenko Physical Review C, 1999, Vol. 60 (6), P. 065501	79*	92*	110*
14	Performances of a CeF ₃ crystal scintillator and its application to the search for rare processes P Belli, R Bernabei, R Cerulli, CJ Dai, FA Danevich, A Incicchitti, VV Kobychhev, OA Ponkratenko , D Prospero, VI Tretyak, Yu G Zdesenko Nuclear Instruments and Methods in Physics Research Section A, 2003 Vol. 498 (1) P. 352-361	87*	103*	104*
15	New results of ^{116}Cd double β decay study with $^{116}\text{CdWO}_4$ scintillators FA Danevich, A Sh Georgadze, VV Kobychhev, BN Kropivnyansky, AS Nikolaiko, OA Ponkratenko , VI Tretyak, S Yu Zdesenko, Yu G Zdesenko, PG Bizzeti, TF Fazzini, PR Maurenzig Physical Review C, 2000, Vol. 62 (4), P. 045501	57*	56*	98*
16	α activity of natural tungsten isotopes Fedor A Danevich, A Sh Georgadze, VV Kobychhev, SS Nagorny, AS Nikolaiko, OA Ponkratenko , VI Tretyak, S Yu Zdesenko, Yu G Zdesenko, PG Bizzeti, TF Fazzini, PR Maurenzig Physical Review C, 2003, Vol. 67(1), P. 014310	68*	74*	97*
17	Interaction potential between heavy ions V Yu Denisov Physics Letters B, 2002, Vol. 526, P. 315-321	57*	78*	94*
18	α decays to ground and excited states of heavy deformed nuclei V Yu Denisov , AA Khudenko Physical Review C, 2009, Vol. 80 (3), P. 034603	61*	70*	89*
19	Search for β and $\beta\beta$ decays in ^{48}Ca R Bernabei, P Belli, F Cappella, R Cerulli, F Montecchia, F Nozzoli, A Incicchitti, D Prospero, CJ Dai, VI Tretyak, Yu G Zdesenko, OA Ponkratenko Nuclear Physics A, 2002, Vol. 705, P. 29-39	62*	75*	85*
20	High sensitivity 2β decay study of ^{116}Cd and ^{100}Mo with the BOREXINO counting test facility (CAMEO project) G Bellini, B Caccianiga, M Chen, Fedor A Danevich, MG Giammarchi, VV Kobychhev, BN Kropivnyansky, E Meroni, L Miramonti, AS Nikolayko, L Oberauer, OA Ponkratenko , VI Tretyak, S Yu Zdesenko, Yu G Zdesenko The European Physical Journal C-Particles and Fields, 2001, Vol. 19 (1), P. 43-55	55*	52*	81*
21	Search for the nucleon and di-nucleon decay into invisible channels R Bernabei, M Amato, P Belli, R Cerulli, CJ Dai, V Yu Denisov , HL He, A Incicchitti, HH Kuang, JM Ma, F Montecchia, OA Ponkratenko , D Prospero, VI Tretyak, Yu G Zdesenko Physics Letters B, 2000, Vol. 493 (1), P. 12-18	70*	67*	79*
22	α -decay half-lives: Empirical relations V Yu Denisov , AA Khudenko Physical Review C, 2010, Vol. 79(5). P. 54614	61*	65*	81*
23	High sensitivity GEM experiment on 2β decay of ^{76}Ge Yu G Zdesenko, OA Ponkratenko , VI Tretyak Journal of Physics G: Nuclear and Particle Physics, 2001, Vol. 27(10), P. 2129	48*	48*	73*

24	Interplay between one-body and collisional damping of collective motion in nuclei VM Kolomietz, VA Plujko , S Shlomo Physical Review C, 1996, Vol. 54 (6), P. 3014	49*	56*	70*
25	Quest for electron decay $e \rightarrow \nu e \gamma$ with a liquid xenon scintillator P Belli, R Bernabei, CJ Dai, G Ignesti, A Incicchitti, F Montecchia, OA Ponkratenko , D Prosperi, VI Tretyak, Yu G Zdesenko Physical Review D, 2000, Vol. 61(11), P. 117301	57*	65*	66*
26	Charge non-conservation restrictions from the nuclear levels excitation of ^{129}Xe induced by the electron's decay on the atomic shell P Belli, R Bernabei, CJ Dai, G Ignesti, A Incicchitti, F Montecchia, OA Ponkratenko , D Prosperi, VI Tretyak, Yu G Zdesenko Physics Letters B, 1999, Vol. 465, P. 315-322	67*	77*	65*
27	Large volume CdWO ₄ crystal scintillators S Ph Burachas, FA Danevich, A Sh Georgadze, HV Klapdor-Kleingrothaus, VV Kobychyev, BN Kropivnyansky, VN Kuts, A Muller, VV Muzalevsky, AS Nikolaiko, OA Ponkratenko , VD Ryzhikov, AS Sai, IM Solsky, VI Tretyak, Yu G Zdesenko Nuclear Instruments and Methods in Physics Research Section A, 1996, Vol. 369 (1), P. 164-168	42*	46*	62*
28	Cluster radioactivity and very asymmetric fission through compact and creviced shapes G Royer, Raj K Gupta, V Yu Denisov Nuclear Physics A, 1998, Vol. 632(2), P. 275-284	53*	52*	61*
29	New limits on nucleon decays into invisible channels with the BOREXINO counting test facility HO Back, M Balata, A De Bari, T Beau, A De Bellefon, G Bellini, J Benziger, S Bonetti, C Buck, B Caccianiga, L Cadonati, F Calaprice, G Cecchet, M Chen, A Di Credico, O Dadoun, D D'Angelo, V Yu Denisov , A Derbin, M Deutsch, F Elisei, A Etenko, F Von Feilitzsch, R Fernholz, R Ford, D Franco, B Freudiger, C Galbiati, F Gatti, S Gazzana, MG Giammarchi, D Giugni, M Goeger-Neff, A Goretti, C Grieb, C Hagner, G Heusser, A Ianni, AM Ianni, H De Kerret, J Kiko, T Kirsten, V Kobychyev, G Korga, G Korschinek, Y Kozlov, D Krym, M Laubenstein, E Litvinovich, C Lendvai, P Lombardi, I Machulin, S Malvezzi, J Maneira, I Manno, D Manuzio, G Manuzio, F Masetti, A Martemianov, U Mazzucato, K McCarty, E Meroni, L Miramonti, ME Monzani, P Musico, L Niedermeier, L Oberauer, M Obolensky, F Ortica, M Pallavicini, L Papp, L Perasso, A Pocar, OA Ponkratenko , RS Raghavan, G Ranucci, A Razeto, A Sabelnikov, C Salvo, R Scardaoni, D Schimizzi, S Schoenert, H Simgen, T Shutt, M Skorokhvatov, O Smirnov, A Sonnenschein, A Sotnikov, S Sukhotin, V Tarasenkov, R Tartaglia, G Testera, VI Tretyak, D Vignaud, RB Vogelaar, V Vyrodov, M Wojcik, O Zaimidoroga, Yu G Zdesenko, G Zuzel Physics Letters B, 2003, Vol. 563, P. 23-34	36*	33	60*
30	Collective states of even-even and odd nuclei with β_2 , β_3 , ..., β_N deformations V Yu Denisov , A Ya Dzyublik Nuclear Physics A, 1995, Vol. 589, P. 17-57.	42*	48*	59*
31	Interaction of two deformed, arbitrarily oriented nuclei V Yu Denisov , NA Pilipenko Physical Review C, 2007, Vol. 76(1), P. 014602	39*	46*	54*
32	Integral equations for four identical particles V F Kharchenko , V E Kuzmichev, Nucl. Phys. A, 1972, Vol. 183, P. 606	-	43*	50*
33	An investigation of interplay between dissipation mechanisms in heated Fermi systems by means of radiative strength functions VA Plujko Nuclear Physics A, 1999, Vol. 649, P. 209-213	11	22	48*
34	Binding energy of triton and n-d scattering lengths with separable potentials V F Kharchenko , N M Petrov, and SA Storozhenko, Nucl. Phys. A, 1968, Vol. 106, P. 464.	-	27	42*

35	Collisional damping in heated nuclei within the Landau-Vlasov kinetic theory VM Kolomietz, VA Plujko , S Shlomo Physical Review C, 1995, Vol. 52(5), P. 2480	36*	43*	41*
36	RIPL-3 Handbook for Calculation of Nuclear Reaction Roberto Capote, Michel Herman, P Obložinský, PG Young, Stéphane Goriely, T Belgya, AV Ignatyuk, Arjan J Koning, Stéphane Hilaire, Vladimir A Plujko , M Avrigeanu, O Bersillon, MB Chadwick, T Fukahori, Zhigang Ge, Yinlu Han, S Kailas, J Kopecky, VM Maslov, G Reffo, Mihaela Sin, E Sh Soukhovitskii, P Talou (2009); was available at http://www-nds.iaea.org/RIPL-3/	-	-	41*
37	High sensitivity quest for Majorana neutrino mass with the BOREXINO counting test facility G Bellini, B Caccianiga, M Chen, FA Danevich, MG Giammarchi, VV Kobychiev, BN Kropivnyansky, E Meroni, L Miramonti, AS Nikolayko, L Oberauer, OA Ponkratenko , VI Tretyak, S Yu Zdesenko, Yu G Zdesenko Physics Letters B, 2000, Vol. 493, P. 216-228	27	29	40*
38	Subbarrier heavy ion fusion enhanced by nucleon transfer V Yu Denisov The European Physical Journal A-Hadrons and Nuclei, 2000, Vol. 7, P. 87-99	29	22	39*
39	The theory of spatiotemporal pattern in nonequilibrium systems Alexander I. Olemskoi, Vyacheslav F. Klepikov Physics Reports, 2000, Vol. 338, P. 571-677	23	20	38
40	Bound states and scattering in a System of three particles AG Sitenko, VF Kharchenko Soviet Physics Uspekhi, 1971, Vol. 14 (2), p. 125	52*	61*	27
41	The separable representation of the two-particle t-matrix and the three-nucleon problem AG Sitenko, VF Kharchenko , NM Petrov Physics Letters B 28 (5), 308-312	40*	24	26
42	Effect of nuclear surface diffuseness on diffraction scattering E.V.Inopin, Yu.A.Berezhnoy Nuclear Physics, 1965, Vol. 63, Pages 689-694	38*	19	33
43	The retardation effects in collision integral VM Kolomietz, AG Magner, VA Plujko Nuclear Physics A 545 (1-2), 99-104	39*	35*	13
44	The three-nucleon problem with the square-well potential V. F. Kharchenko , S. A. Storozhenko Nuclear Physics A, 1969, Vol. 137, Pages 437-444	36*	19	30

*- роботи, які формують h-index

	Web of Science	Scopus	Google Scholar
h-index	36	34	38
Сума цитувань	4787	5149	7597