

Списък на публикациите

<u>Степен/длъжност: Доктор</u>				
№	Публикация	Съществен принос	Точки	Група
1	<u>D. Kocheva</u> et.al., PRC 93, 011303(R) (2016) “Low-lying isovector 2^+ valence-shell excitations of ^{212}Po ”	да	25	I
2	<u>D. Kocheva</u> et.al., Journal of Physics: Conference Series 724, 012023 (2016) “Search for mixed-symmetry states in ^{212}Po ”	да	15	II
3	<u>D. Kocheva</u> et.al., EPJ Web of Conferences 107, 03004 (2016) “Search for mixed-symmetry states of nuclei in the vicinity of the double-magic nucleus ^{208}Pb ”	да	10	III
Общо за доктор:			50	
<u>Степен/длъжност: Главен асистент</u>				
Използва се статия №1				
4	<u>D. Kocheva</u> et.al., Eur. Phys. J. A 53: 175 (2017) “A revised $B(E2; 2^+_1 \rightarrow 0^+_1)$ value in the semi-magic nucleus ^{210}Po ”	да	25	I
5	T. Konstantinopoulos, P. Petkov, A. Goasduff, T. Arici, A. Astier, L. Atanasova, M. Axiotis, D. Bonatsos, P. Detistov, A. Dewald, M. J. Eller, V. Foteinou, A. Gargano, G. Georgiev, K. Gladnishki, A. Gottardo, S. Harissopulos, H. Hess, S. Kaim, <u>D. Kocheva</u> , A. Kusoglu, A. Lagoyannis, J. Ljungvall, R. Lutter, I. Matea, B. Melon, T. J. Mertzimekis, A. Nannini, C. M. Petrache, A. Petrovici, G. Provatas, P. Reiter, M. Rocchini, S. Roccia, M. Seidlitz, B. Siebeck, D. Suzuki, N. Warr, H. De Witte, and T. Zerrouki PRC 95, 014309 (2017) “Lifetime measurements in ^{100}Ru ”		25	I
6	D Ralet, G Georgiev, A E Stuchbery, E Clément, A Lemasson, C Michelagnoli, M Rejmund, L Atanasova, D L Balabanski, G Bocchi, R Carroll, A Dewald, J Dudouet, B Fornal, G de France, S Franchoo, C Fransen, C Müller-Gatermann, A Goasduff, A Gadea, B Jacquot, P R John, <u>D. Kocheva</u> , T Konstantinopoulos, A Korichi, A Kusoglu, S M Lenzi, S Leoni, J Ljungvall, R Lozeva, A Maj, A Navin, R Perez, N Pietralla, C Shand, O Stezowski and D Yordanov Phys. Scr. 92 (2017) 054004 “Toward lifetime and g factor measurements of short-lived states in the vicinity of ^{208}Pb ”		25	I
7	<u>D. Kocheva</u> et.al., Journal of Physics: Conf. Series 1023, 012019 (2018) “Low collectivity of the first 2^+ states of $^{212,210}\text{Po}$ ”	да	15	II
<u>Степен/длъжност: Доцент</u>				
8	<u>D. Kocheva</u> et.al., PRC 96, 044305 (2017) “Low collectivity of the 2^+_1 state of ^{212}Po ”	да	25	I
9	Ralph Kern, Robert Stegmann, Norbert Pietralla, Georgi Rainovski, Liam Paul Gaffney, Andrey Blazhev, Amar Boukhari, Joakim Cederkäll, James Cubiss, Martin Djongolov, Christoph Fransen, Kalin Gladnishki, Efsthios Giannopoulos, Herbert Hess, Jan Jolie, Vasil Karayonchev, Levent Kaya,		10	III

	James Keatings, <u>Diana Kocheva</u> , Thorsten Kröll, Oliver Möller, George O'Neill, Janne Pakarinen, Peter Reiter, Dawid Rosiak, Marcus Scheck, Jacob Snall, Pär-Anders Söderström, Pietro Spagnoletti, Milena Stoyanova, Stefan Thiel, Andreas Vogt, Nigel Warr, Andree Welker, Volker Werner, Johannes Wiederhold, Hilde De Witte, and Radostina Zidarova EPJ Web of Conferences 194, 03003 (2018) <i>“Search for Isovector Valence-Shell Excitations in ^{140}Nd and ^{142}Sm via Coulomb excitation reactions of radioactive ion beams”</i>			
10	Milena Stoyanova, Georgi Rainovski, Jan Jolie, Norbert Pietralla, Andrey Blazhev, Martin Djongolov, Arwin Esmaylzadeh, Lisa Gerhard, Kalin Gladnishki, Vasil Karayonchev, James Keatings, Ralph Kern, <u>Diana Kocheva</u> , Thorsten Kröll, Konstantin Mashtakov, Oliver Möller, Jean-Marc Régis, Marcus Scheck, Kerstin Schomacker, Jacqueline Sinclair, Chistian Sürder, Volker Werner, and Johannes Wiederhold <i>“A study on the transition between seniority-type and collective excitations in ^{204}Po and ^{206}Po”</i>		10	III
11	D. Ralet, E. Clément, G. Georgiev, A.E. Stuchbery, M. Rejmund, P. Van Isacker, G. de France, A. Lemasson, J. Ljungvall, C. Michelagnoli, A. Navin, D.L. Balabanski, L. Atanasova, A. Blazhev, G. Bocchi, R. Carroll, J. Dudouet, E. Dupont, B. Fornal, S. Franchoo, C. Fransen, C. Müller-atermann, A. Goasduff, A. Gadea, P.R. John, <u>D. Kocheva</u> , T. Konstantinopoulos, A. Korichi, A. Kusoglu, S.M. Lenzi, S. Leoni, R. Lozeva, A. Maj, R. Perez, N. Pietralla, C. Shand, O. Stezowski, D. Wilmsen, D. Yordanov, D. Barrientos, P. Bednarczyk, B. Birkenbach, A.J. Boston, H.C. Boston, I. Burrows, B. Cederwall, M. Ciemala, J. Collado F. Crespi, D. Cullen, H.J. Eberth, J. Goupil, L. Harkness, H. Hess, A. Jungclaus, W. Korten, M. Labiche, R. Menegazzo, D. Mengoni, B. Million, J. Nyberg, Zs. Podolyák, A. Pullia, B. Quintana Arnés, F. Recchia, P. Reiter, F. Saillant, M.D. Salsac, E. Sanchis, C. Theisen, J.J. Valiente Dobon, O. Wieland Physics Letters B 797 134797 (2019) <i>“Evidence of octupole-phonons at high spin in ^{207}Pb”</i>		25	I
12	M. Stoyanova, G. Rainovski, J. Jolie, N. Pietralla, A. Blazhev, M. Beckers, A. Dewald, M. Djongolov, A. Esmaylzadeh, C. Fransen, L. M. Gerhard, K. A. Gladnishki, S. Herb, P. R. John, V. Karayonchev, J. M. Keatings, R. Kern, L. Knafla, <u>D. Kocheva</u> , L. Kornwebel, Th. Kröll, M. Ley, K. M. Mashtakov, C. Müller-Gatermann, J.-M. Régis, M. Scheck, K. Schomacker, J. Sinclair, P. Spagnoletti, C. Sürder, N. Warr, V. Werner, and J. Wiederhold PRC 100, 064304 (2019) <i>“Lifetimes of the 4_1^+ states of ^{206}Po and ^{204}Po: A study of the transition from noncollective seniority-like mode to collectivity”</i>		25	I
13	A. Yaneva, <u>D. Kocheva</u> et.al., Eur. Phys. J. A 56:246 (2020) <i>“Experimental evidence for low-lying quadrupole isovector excitation of ^{208}Po”</i>	да	25	I
14	R. Kern, R. Zidarova, N. Pietralla, G. Rainovski, R. Stegmann, A. Blazhev, A. Boukhari, J. Cederkäll, J. G. Cubiss, M. Djongolov, C. Fransen, L. P. Gaffney, K. Gladnishki, E. Giannopoulos, H. Hess, J. Jolie, V. Karayonchev, L. Kaya, J. M. Keatings, <u>D. Kocheva</u> , Th. Kröll, O. Möller, G. O'Neill, J. Pakarinen, P. Reiter, D. Rosiak, M. Scheck, J. Snall, P.-A. Söderström, P. Spagnoletti, M. Stoyanova, S. Thiel, A. Vogt, N. Warr, A. Welker, V. Werner, J. Wiederhold, and H. De Witte PRC 102, 041304(R) (2020) <i>“Restoring the valence-shell stabilization in ^{140}Nd”</i>		25	I
15	<u>D. Kocheva</u> et.al., Journal of Physics: Conference Series	да	15	II

	1555, 012020 (2020) <i>“Lifetime measurements of the low-lying excited states of ^{208}Po”</i>			
16	Ralph Kern, Radostina Zidarova, Norbert Pietralla, Georgi Rainovski, Liam P. Gaffney, Andrey Blazhev, Amar Boukhari, Joakim Cederkäll, James G. Cubiss, Martin Djongolov, Christoph Fransen, Kalin Gladnishki, Efsthios Giannopoulos, Herbert Hess, Jan Jolie, Vasil Karayonchev, Levent Kaya, James M. Keatings, <i>Diana Kocheva</i> , Thorsten Kröll, Oliver Möller, George G. O’Neill, Janne Pakarinen, Peter Reiter, Dawid Rosiak, Marcus Scheck, Jacob Snall, Pär-Anders Söderström, Pietro Spagnoletti, Robert Stegmann, Milena Stoyanova, Stefan Thiel, Andreas Vogt, Nigel Warr, Andree Welker, Volker Werner, Johannes Wiederhold, Hilde De Witte Journal of Physics: Conference Series 1555, 012027 (2020) <i>“Coulomb Excitation of Proton-rich $N = 80$ Isotones at HIE-ISOLDE”</i>		15	II
17	M. Stoyanova, V. Karayonchev, G. Rainovski, J. Jolie, N. Pietralla, A. Blazhev, A. Dewald, M. Djongolov, A. Esmaylzadeh, C. Fransen, J. Garbe, L. Gerhard, K. A. Gladnishki, K. Ide, P. R. John, R. Kern, J. Kleemann, <i>D. Kocheva</i> , Th. Kröll, C. Müller-Gatermann, J.-M. Régis, P. Spagnoletti, V. Werner and A. Yaneva Journal of Physics: Conference Series 1555, 012019 (2020) <i>“Evolution of the structure of the 4^+_1 states in Po isotope”</i>		15	II
18	<i>D. Kalaydjieva, D. Kocheva et.al.</i> , PRC 104, 024311 (2021) <i>“Microscopic structure of the one-phonon 2^+ states of ^{208}Po”</i>	да	25	I
19	V. Karayonchev, M. Stoyanova, G. Rainovski, J. Jolie, A. Blazhev, M. Djongolov, A. Esmaylzadeh, C. Fransen, K. Gladnishki, L. Knafla, <i>D. Kocheva</i> , L. Kornwebel, J.-M. Régis, G. De Gregorio, and A. Gargano PRC 103, 044309 (2021) <i>“Lifetimes and structures of low-lying negative-parity states of ^{209}Po”</i>		25	I
20	A. Fernández, A. Jungclaus, P. Golubev, D. Rudolph, L. G. Sarmiento, A. Gargano, H. Naïdja, A. Astier, E. Dupont, A. Gadea, E. Nácher, A. Perea, K. Wimmer, E. Clément, G. Fremont, J. Goupil, C. Houarner, B. Jacquot, A. Korichi, A. Lemasson, H. J. Li, J. Ljungvall, L. Ménager, R. M. Pérez-Vidal, C. M. Petrache, D. Ralet, J. A. Ropert, F. Saillant, A. Sămark-Roth, G. S. Simpson, C. Spitaels, M. Zielinska, S. Ansari, J. Dudouet, A. Illana, M. Jurado, <i>D. Kocheva</i> , N. Lalović, Ch. Lorenz, B. Quintana, G. Rainovski, N. Redon, G. Tocabens, D. Barrientos, G. Benzonì, B. Birkenbach, A. J. Boston, H. C. Boston, A. Bracco, M. Ciemala, J. Collado, D. M. Cullen, C. Domingo-Pardo, J. Eberth, V. González, L. J. Harkness-Brennan, H. Hess, D. S. Judson, W. Korten, S. Leoni, A. Maj, R. Menegazzo, D. Mengoni, C. Michelagnoli, B. Million, D. R. Napoli, J. Nyberg, Zs. Podolyak, A. Pullia, P. Reiter, E. Sanchis, O. Stezowski, Ch. Theisen, and J. J. Valiente-Dobón PRC 104, 054316 (2021) <i>“Reinterpretation of excited states in ^{212}Po: Shell-model multiplets rather than α-cluster states”</i>		25	I
21	Ma. von Tresckow, M. Rudigier, T.M. Shneidman, Th. Kröll, M. Boromiza, C. Clisu, C. Costache, D. Filipescu, N.M. Florea, I. Gheorghe, K. Gladnishki, A. Ionescu, <i>D. Kocheva</i> , R. Lică, N. Mărginean, R. Mărginean, K.R. Mashtakov, C. Mihai, R.E. Mihai, A. Negret, C.R. Nita, A. Olacel, A. Oprea, S. Pascu, G. Rainovski, T. Sava, M. Scheck, P. Spagnoletti, C. Sotty, L. Stan, I. Stiru, S. Toma, A. Turturică, S. Ujenuic Physics Letters B 821 (2021) 136624		25	I

	<i>“New evidence for alpha clustering structure in the ground state band of ^{212}Po”</i>			
22	V. Manov, <u>D. Kocheva</u> et.al., Eur. Phys. J. A 60:191 (2024) <i>“Experimental study of the quadrupole collectivity of the low-lying states of ^{205}Bi”</i>	да	20	I
23	<u>D. Kocheva</u> et.al., Phys. Scr. 99, 065307 (2024) <i>“Study the structure of the low-lying states of ^{206}Po”</i>	да	20	I
	Общо за доцент:		330	