

ŽIVOTOPIS

Osobné údaje

Adresa:
Dátum narodenia:
Národnosť:
E-mail :

Vzdelanie a zamestnanie

- 1995 – 2000: magisterské štúdium - Jadrová a subjadrová fyzika, Univerzita Komenského, Bratislava
- 2001 – 2005: PhD štúdium – Jadrová a subjadrová fyzika, Univerzita Komenského, Bratislava
Téma PhD práce: Synthesis and properties of neutron deficient isotopes of elements around $Z=100$

Zamestnanie

- 2007 Priznaný vedecko kvalifikačný stupeň IIa samostatný vedecký pracovník, SAV Bratislava
- 2005 – 2016 vedecký pracovník na FMFI, Univerzita Komenského v Bratislave
- 2012: habilitácia v odbore fyzika
- 2016 – doposiaľ docent na FMFI, Univerzita Komenského v Bratislave

Zahraníčné pobyty

- September - december 1999 a september 2000 - september 2001 pobyty v GSI Darmstadt (Nemecko)
- Niekoľko desiatok 2 – 8 týždňových pobytov v GSI Darmstadt (Nemecko), INFN Legnano (Taliansko), JINR Dubna (Rusko), CERN (Švajčiarsko), Uni Jyväskylä (Fínsko), JAEA Tokai (Japonsko)...

Skúsenosti a prax

- Príprava, realizácia, on-line a off-line analýza viacerých experimentov zameraných na:
 - Štúdium reakcií s produkciou superťažkých prvkov (SHIP@GSI, RITU@JYFL a Dubna)
 - Spektroskopia ťažkých a superťažkých prvkov (Legnano, JYFL, SHIP@GSI, AGFA@ANL)
 - Mechanizmus reakcií, syntéza 16 nových izotopov a troch nových chem. prvkov
 - Štúdium jadrovej štruktúry s využitím rádioaktívnych zväzkov (ISOLDE@CERN)
 - Identifikácia oneskoreného štiepenia (ISOLDE@CERN, SHIP@GSI, GARIS@RIKEN)
- Vývoj a testovanie chladenia terčového systému na exp. zariadení SHIP
- Spolupráca na vývoji analyzačného softwaru GO4Ship pre exp. zariadenie SHIP v GSI Darmstadt
- Člen spol. odb. komisií Jadrová a subjadrová fyzika na FMFI UK v Bratislave a PF UPJŠ v Košiciach
- Člen rady APVV pre prírodné vedy (2014 – 2023)
- Člen komisie VEGA pre mat. vedy, počítačové a inf. vedy a fyz. vedy (od 2026 ako predseda)
- Koordinátor za Univerzitu Komenského pre spoluprácu s experimentom ISOLDE v CERNe a NUSTAR@FAIR projekte v GSI Darmstadt

Publikačná činnosť

- ~ 140 publikácií v karentovaných časopisoch, 4500 citácií (podľa ISI-WOK) a 60 ďalších publikácií
- researcher ID T-5183-2018 a Orcid 0000-0001-7959-8153
- vyše 38 príspevkov na medzinárodných konferenciách a vedeckých podujatiach

Grantová činnosť a ocenenia

- Zodpovedný riešiteľ 5 APVV grantov v rámci VV 2005, VV 2010, VV 2014, VV 2018 a VV 2022
- Zodpovedný riešiteľ troch projektov EURONS a ENSAR v GSI Darmstadt
- Zodpovedný riešiteľ 5 VEGA grantov a troch projektov pre spoluprácu s experimentom ISOLDE
- Cena za vedu 2009 udelená FMFI Univerzity Komenského

Pedagogická činnosť:

- Odučených cca 220 semester-hodín (prednášky s témou jadrových reakcií, jadrovej spektroskopie atď)
- Školiteľ 5 PhD prác, 23 bakalárskych a diplomových prác

Počítačové a jazykové znalosti

- MS Windows – administrácia, Linux – pokročilý užívateľ
- MS Office (Word, Excel, Access, Power Point), LaTeX
- Programovanie C++, Pascal; CSS, HTML, ...
- Rôzne SW zameraný na analýzu dát (ROOT, Origin, GO4...)
- Anglický jazyk – aktívne, nemecký jazyk – pasívne, ruský jazyk – pasívne

V Bratislave 21. apríla 2026

PREHLAD VEDECKÝCH AKTIVÍT
Doc. Mgr. STANISLAV ANTALIC, PhD.

PREHLAD RIEŠENÝCH VEDECKÝCH TÉM:

- Štúdium reakcií s produkciou supert ťažkých prvkov - SHIP@GSI (Nemecko), Uni Jyväskylä (Fínsko)
- Spektroskopia ťažkých a supert ťažkých prvkov – Uni Jyväskylä (Fínsko), SHIP@GSI (Nemecko), ANL (USA)
- Štúdium jadrovej štruktúry s využitím rádioaktívnych zväzkov - ISOLDE@CERN (Švajčiarsko)
- Identifikácia oneskoreného štiepenia - ISOLDE@CERN (Švajčiarsko), SHIP@GSI (Nemecko), GARIS@RIKEN(Japonsko)
- Mechanizmus reakcií
- Spolupráca na objave 3 nových chemických prvkov, 16 nových izotopov a 55 nových jadrových izomérov

RIEŠENIE GRANTOVÝCH PROJEKTOV:

Zodpovedný riešiteľ 5 APVV projektov: APVV-20-006205 (2006 – 2009), APVV-0105-10 (2011 – 2014), APVV-14-0524 (2015 – 2019), APVV-18-0268 (2019 – 2023) a APVV-22-0282

Zodpovedný riešiteľ 5 VEGA projektov: VEGA 1/0091/10 (2010 – 2012), VEGA 1/0576/13 (2013 – 2015), VEGA 1/0532/17 (2017-2019), VEGA 1/0651/21 (2021-2024) a VEGA 1/0019/25 (2024-2027). Zástupca zodpovedného riešiteľa, resp. riešiteľ ďalších piatich projektov VEGA

Zodpovedný riešiteľ troch projektov CERN-ISOLDE: Štúdium exotických atómových jadier s využitím rádioaktívnych zväzkov (2012-2015, 2016-2020, 2021 a 2022-2026)

Zodpovedný riešiteľ projektu pre spoluprácu s experimentom VASSILISSA v JINR Dubna v rámci projektov 03-5-1094-2010/2016 Synthesis and properties of nuclei at the border of stability

Zodpovedný riešiteľ troch ENSAR a EURONS projektov v rámci spolupráce s GSI Darmstadt: U278 (2014 – 2015), Transferm (2010 – 2013) a U230 (2006 – 2009)

OPONOVANIE GRANTOVÝCH PROJEKTOV A PUBLIKÁCIÍ:

28 projektov - VEGA, APVV, UEFISCDI (Rumunsko)

21 posudkov na články v Physical Review Letters, Physics Letters B, European Physical Journal A, Physical Review C atď.

PREHLAD PEDAGOGICKÝCH AKTIVÍT
Doc. Mgr. STANISLAV ANTALIC, PhD.

PREDNÁŠKOVÁ ČINNOSŤ:

Približne 150 semester-hodín priamej výuky na FMFI UK na všetkých stupňoch štúdia (bakalárske, magisterské aj PhD štúdium).

Realizované prednášky:

Jadrové reakcie (Mgr. štúdium) – 32 semester-hodín

Fyzika Atómového jadra (Mgr. štúdium) – 29 semester hodín

Pokročilá jadrová fyzika (PhD. štúdium) – 18 semester hodín

Menežment vedeckej práce (PhD. Štúdium) – 6 semester hodín

Jadrová fyzika (Bc. štúdium) – 44 semester hodín

Jadrová spektroskopia (Mgr. štúdium) – 16 semester-hodín

Metódy štúdia jadrovej štruktúry (Mgr. štúdium) – 22 semester-hodín

Aplikačný SW pre fyzikálne výpočty (Bc. štúdium) – 10 semester hodín

Vedecko-technické výpočty (Bc. štúdium) – 15 semester hodín

Ďalších 28 semester hodín zameraných na kurzy a cvičenia v matematike a informatike.

VEDENIE ZÁVEREČNÝCH PRÁC ČINNOSŤ:

13 vedených bakalárskych prác (Andrej Herzáň, Ján Pánik, Jakub Zeman, Jozef Klimo, Pavol Mošat', Miloš Doktor, Stanislav Sandtner, Adam Broniš, Adam Sitarčík, Karol Sučák, Jakub Filus, David Vrba, Patrik Soos)

10 vedených diplomových prác (Andrej Herzáň, Anton Brisuda, Zdenka Kalaninová, Boris Andel, Jozef Klimo, Pavol Mošat', Lucia Janoťáková, Stanislav Sandtner, Adam Broniš, Adam Sitarčík)

5 vedených doktorandských prác (Zdenka Kalaninová, Boris Andel, Pavol Mošat', Adam Broniš, Adam Sitarčík)

Oponovanie 9 záverečných prác na všetkých stupňoch štúdia

Detail information: Researcher ID T-5183-2018; Orcid 0000-0001-7959-8153

B. Andel et al. incl. S. Antalic, „Search for β -delayed fission of ^{178}Au and an updated systematics in the region of neutron-deficient nuclei“
Physical Review C 113, 014325 (2026)

Impact Factor 3.4

A.N. Andreyev et al. incl. S. Antalic, „Electromagnetic moments of $^{215,217}\text{Bi}$: Probing shell evolution beyond $N=126$ “

Physics Letters B 871, 140013 (2025)

Impact Factor 4.5

A. Barzakh et al. incl. S. Antalic, „Charge radii and electromagnetic moments of $^{214-218}\text{Bi}$: Exploring the "southern" border of the $Z > 82$ octupole-deformation region“

Physical Review C 112, 034304 (2025)

Impact Factor 3.4

Cited 1x (WOS)

J. Mist et al. incl. S. Antalic, „ β - and α -decay spectroscopy of ^{182}Au “

Physical Review C 112, 024328 (2025)

Impact Factor 3.4

X.Y. Fu et al. incl. S. Antalic, „Observation of a new isomer in ^{185}Au “

Chinese Physics C 49, 084004 (2025)

Impact Factor 3.1

Cited 1x (WOS)

M. Llanos-Exposito et al. incl. S. Antalic, „Structure of ^{128}Sn selectively populated in the β decay of the ^{128}In ground state“

Physical Review C 111, 064310 (2025)

Impact Factor 3.4

S. Bara et al. incl. S. Antalic, „New upper limits for β -delayed fission probabilities of $^{230,232}\text{Fr}$ and $^{230,232,234}\text{Ac}$ “

Physical Review C 111, 065803 (2025)

Impact Factor 3.4

Cited 1x (WOS)

R. Lica et al. incl. S. Antalic, „Revealing the Nature of yrast States in Neutron-Rich Polonium Isotopes“

Physical Review Letters 134, 052502 (2025)

Impact Factor 9.0

Cited 2x (WOS)

C. Clisu et al. incl. S. Antalic, „Observation of the $J 7/2$ low-spin states in ^{213}Fr populated in the electron capture of the $1/2$ -ground state of ^{213}Ra “

Physical Review C 110, 064315 (2024)

Impact Factor 3.4

Cited 2x (WOS)

B. Alayed et al. incl. S. Antalic, „Decay of a microsecond seniority 3 isomeric state in ^{155}Hf “

Physical Review C 110, 034303 (2024)

Impact Factor 3.4

Cited 2x (WOS)

C.Y. Guo et al. incl. S. Antalic, „Spectroscopy of ^{187}Tl : shape coexistence“
European Physical Journal A 60, 165 (2024)
Impact Factor 2.8
Cited 2x (WOS)

H. Huang et al. incl. S. Antalic, „Attempt to synthesize the proton-unbound $^{182,183}\text{Bi}$ isotopes“
Physical Review C 110, 014326 (2024)
Impact Factor 3.4
Cited 3x (WOS)

B. Andel et al. incl. S. Antalic, „ β decay of the ground state and of a low-lying isomer in ^{216}Bi “
Physical Review C 109, 064321 (2024)
Impact Factor 3.4
Cited 5x (WOS)

D. Ackermann, S. Antalic, F.P. Hessberger, „Isomers in superheavy nuclei“
European Physical Journal Special Topics 233, 1017 (2024)
Impact Factor 2.3
Cited 14x (WOS)

S. Bara et al. incl. S. Antalic, „Half-life determination of ^{215}At and ^{221}Ra with high-purity radioactive ion beams“
Applied Radiation and Isotopes 208, 111289 (2024)
Impact Factor 1.72
Cited 3x (WOS)

A.D. Briscoe et al. incl. S. Antalic, „Decay spectroscopy at the two-proton drip line: Radioactivity of the new nuclides ^{160}Os and ^{156}W “
Physics Letters B 847, 138310 (2023)
Impact Factor 4.5
Cited 6x (WOS)

J.G. Cubiss et al. incl. S. Antalic, „Deformation versus Sphericity in the Ground States of the Lightest Gold Isotopes“
Physical Review Letters 131, 202501 (2023)
Impact Factor 9.0
Cited 20x (WOS)

A.N. Andreyev et al. incl. S. Antalic, „ α decay of the neutron-deficient isotope ^{190}At “
Physical Review C 108, 034303 (2023)
Impact Factor 3.4
Cited 4x (WOS)

M. Stryczyk et al. incl. S. Antalic, „Simultaneous γ -ray and electron spectroscopy of $^{182,184,186}\text{Hg}$ isotopes“
Physical Review C 108, 014308 (2023)
Impact Factor 3.4

W.Q. Zhang et al. incl. S. Antalic, „Identification of excited states in ^{188}Bi and ^{188}Po “
Physical Review C 106, 024317 (2022)
Impact Factor 3.4
Cited 7x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

H. Huang et al. incl. S. Antalic, „First observation of the decay of the $13/2^+$ isomer in ^{183}Hg and $B(M2)$ systematics of neutron transitions across the nuclear chart“

Physics Letters B 833, 137345 (2022)

Impact Factor 4.5

Cited 4x (WOS)

A. Bronis, F.P. Hessberger, S. Antalic et al., „Decay studies of new isomeric states in ^{255}No “

Physical Review C 106, 014602 (2022)

Impact Factor 3.4

Cited 12x (WOS)

W. Zhang et al. incl. S. Antalic, „First observation of a shape isomer and a low-lying strongly-coupled prolate band in neutron-deficient semi-magic ^{187}Pb “

Physics Letters B 829, 137129 (2022)

Impact Factor 4.5

Cited 8x (WOS)

M.S. Tezekbayeva et al. incl. S. Antalic, „Study of the production and decay properties of neutron-deficient nobelium isotopes“

European Physical Journal A 58, 52 (2022)

Impact Factor 2.8

Cited 15x (WOS)

A.V. Isaev et al. incl. S. Antalic, „The SFiNx Detector System“

Physics of Particles and Nuclei Letters 19, 904 (2022)

Impact Factor 0.4

Cited 6x (WOS)

A.E. Barzakh et al. incl. S. Antalic, „Producing gold at ISOLDE-CERN“

Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms 513, 26 (2022)

Impact Factor 1.32

Cited 2x (WOS)

F.P. Hessberger, S. Antalic, F. Giacoppo et al., „Alpha-gamma decay studies of ^{247}Md “

European Physical Journal A 58, 11 (2022)

Impact Factor 2.8

Cited 11x (WOS)

A.E. Barzakh et al. incl. S. Antalic, „Large Shape Staggering in Neutron-Deficient Bi Isotopes“

Physical Review Letters 127, 192501 (2021)

Impact Factor 9.0

Cited 60x (WOS)

B. Andel et al. incl. S. Antalic, „New β -decaying state in ^{214}Bi “

Physical Review C 104, 054301 (2021)

Impact Factor 3.4

Cited 9x (WOS)

R.D. Harding et al. incl. S. Antalic, „Laser-assisted nuclear decay spectroscopy of $^{176,177,179}\text{Au}$ “

Physical Review C 104, 024326 (2021)

Impact Factor 3.4

Cited 10x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

A.V. Isaev et al. incl. S. Antalic, „Comparative Study of Spontaneous-Fission Characteristics of ^{252}No and ^{254}No Isotopes“

Physics of Particles and Nuclei Letters 18, 449 (2021)

Impact Factor 0.4

Cited 6x (WOS)

A.I. Svirikhin et al. incl. S. Antalic, „The New ^{249}No Isotope“

Physics of Particles and Nuclei Letters 18, 443 (2021)

Impact Factor 0.4

Cited 11x (WOS)

S.A. Gillespie et al. incl. S. Antalic, „Identification of sub- μs isomeric states in the odd-odd nucleus ^{178}Au “

Physical Review C 103, 044307 (2021)

Impact Factor 3.4

Cited 1x (WOS)

J.G. Cubiss et al. incl. S. Antalic Laser-assisted decay spectroscopy and mass spectrometry of ^{178}Au “

Physical Review C 102, 044332 (2020)

Impact Factor 3.296

Cited 10x (WOS)

M Stryczyk et al. incl. S. Antalic „Decay studies of the long-lived states in ^{186}Tl “

Physical Review C 102, 024322 (2020)

Impact Factor 3.296

Cited 4x (WOS)

R.D. Harding et al. incl. S. Antalic „Laser-assisted decay spectroscopy for the ground states of ^{180}Au , ^{182}Au “

Physical Review C 102, 024312 (2020)

Impact Factor 3.296

Cited 10x (WOS)

B.Andel et al. incl. S. Antalic „ β -delayed fission of isomers in ^{188}Bi “

Physical Review C 102, 014319 (2020)

Impact Factor 3.296

Cited 14x (WOS)

A.V.Yeremin et al. incl. S. Antalic „Spectroscopy of the Isotopes of Transfermium Elements in Dubna: Current Status and Prospects“

Phys. Of At. Nuclei 83, 503 (2020)

Impact Factor 0.42

Cited 1x (WOS)

A.E.Barzakh et al. incl. S. Antalic „Shape coexistence in ^{187}Au studied by laser spectroscopy“

Physical Review C 101, 064321 (2020)

Impact Factor 3.296

Cited 19x (WOS)

P. Mosat et al. incl. S. Antalic „K isomerism in ^{255}Rf and total kinetic energy measurements for spontaneous fission of $^{255,256,258}\text{Rf}$ “

Physical Review C 101, 034310 (2020)

Impact Factor 3.296

Cited 21x (WOS)

A.E.Barzakh et al. incl. S. Antalic „Hyperfine anomaly in gold and magnetic moments of $I^\pi=11/2(-)$ gold isomers“
Physical Review C 101, 034308 (2020)
Impact Factor 3.296
Cited 29x (WOS)

J.G. Cubiss et al. incl. S. Antalic „ α -decay branching ratio of ^{180}Pt “
Physical Review C 101, 014314 (2020)
Impact Factor 3.296
Cited 5x (WOS)

A.V. Yeremin, et al. incl. S. Antalic „Velocity filter SHELS: Performance and experimental results“
Nucl. Instr. Methods B 463, 219 (2020)
Impact Factor 1.377
Cited 2x (WOS)

P.Mošat', S. Antalic et al. „isomeric states in ^{255}Rf , ^{256}Rf and ^{257}Rf “
Acta Phys. Polonica 51, 849 (2020)
Impact Factor 0.748
Cited 5x (WOS)

L. Ghys et al. incl. S. Antalic „ α -decay properties of ^{200}Fr , ^{202}Fr “
Physical Review C 100, 054310 (2019)
Impact Factor 3.296
Cited 15x (WOS)

A.K.Mistry et al. incl. S. Antalic „The $^{48}\text{Ca}+^{181}\text{Ta}$ reaction: Cross section studies and investigation of neutron-deficient $86 \leq Z \leq 93$ isotopes“
Nuclear Physics A 987, 337 (2019)
Impact Factor 1.683
Cited 18x (WOS)

J.G. Cubiss et al. incl. S. Antalic " Fine structure in the alpha decay of ^{218}At "
Physical Review C 97, 064317 (2019)
Impact Factor 3.296
Cited 6x (WOS)

S.A.Gillespie et al. incl. S. Antalic „Identification of a 6.6 μs isomeric state in Ir-175“
Physical Review C 99, 064310 (2019)
Impact Factor 3.296
Cited 6x (WOS)

A.E.Barzakh et al. incl. S. Antalic „Inverse odd-even staggering in nuclear charge radii and possible octupole collectivity in At-217, At-218, At-219 revealed by in-source laser spectroscopy“
Physical Review C 99, 054317 (2019)
Impact Factor 3.296
Cited 17x (WOS)

M. Vostinar et al. incl. S. Antalic „Alpha-gamma decay studies of ^{258}Db and its (grand)daughter nuclei ^{254}Lr and ^{250}Md “
European Physical Journal A 55, 17 (2019)
Impact Factor 2.799
Cited 11x (WOS)

J.G. Cubiss et al. incl. S. Antalic „Change in structure between the $I=1/2$ states in ^{181}Tl and $^{177,179}\text{Au}$ “
Physics Letters B 786, 355 (2018)
Impact Factor 4.254
Cited 24x (WOS)

D. Ackermann et al. incl. S. Antalic: „COMPASS-A COMPAct decay spectroscopy set-up“
Nuclear Instrument and Methods A907, 81 (2018)
Impact Factor 1.336
Cited 8x (WOS)

J.G. Cubiss et al. incl. S. Antalic "Charge radii and electromagnetic moments of $^{195-211}\text{At}$ "
Physical Review C 97, 054327 (2018)
Impact Factor 3.304
Cited 48x (WOS)

P. Mořat', S. Antalic et al. „Total Kinetic Energy Measurements for Spontaneous Fission of $^{255,256,258}\text{Rf}$ “
Acta Physica Polonica B 49, 605 (2018)
Impact Factor 0.875
Cited 2x (WOS)

A.K. Mistry et al. incl. S. Antalic „Decay Spectroscopy of Heavy Isotopes at SHIP Using the COMPASS Focal Plane Detection Set-up“
Acta Physica Polonica B 49, 613 (2018)
Impact Factor 0.875
Cited 8x (WOS)

B. Andel, A.N. Andreyev, S. Antalic et al. „Detailed alpha-decay study of ^{180}Tl “
Physical Review C 96, 054327 (2017)
Impact Factor 3.304
Cited 3x (WOS)

G.L. Wilson et al. incl. S. Antalic „beta-delayed fission of ^{230}Am “
Physical Review C 96, 044315 (2017)
Impact Factor 3.304
Cited 12x (WOS)

E. Rapisadra et al. incl. S. Antalic „Shape coexistence studied in Hg-182,Hg-184 via the beta decay of Tl-182,Tl-184“
Journal of Physics G - Nuclear and Particle Physics 44, 074001 (2017)
Impact Factor 3.456
Cited 17x (WOS)

F.P.Hessberger, S. Antalic et al. „Investigation of electron capture decay of ^{258}Db and α decay of ^{258}Rf “
European Physical Journal A 52, 328 (2016)
Impact Factor 2.799
Cited 34x (WOS)

V.L. Truesdale et al. incl. S. Antalic „beta-delayed fission and alpha decay of At-196“
Physical Review C 94, 034308 (2016)
Impact Factor 3.304
Cited 12x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

F.P.Hessberger, S. Antalic et al. „Alpha- and EC-decay measurements of ^{257}Rf “
European Physical Journal A 52, 192 (2016)
Impact Factor 2.799
Cited 10x (WOS)

S. Hofmann et al. incl. S. Antalic „Review of even element super-heavy nuclei and search for element 120“
European Physical Journal A 52, 180 (2016)
Impact Factor 2.799
Cited 226x (WOS)

B. Andel, A.N. Andreyev, S. Antalic et al. " Short-lived isomers in Po-192 and Po-194"
Physical Review C 93, 064316 (2016)
Impact Factor 3.304
Cited 5x (WOS)

S. Hofmann et al. incl. S. Antalic "Remarks on the fission barriers of super-heavy nuclei"
European Physical Journal A 52, 116 (2016)
Impact Factor 2.799
Cited 35x (WOS)

Z. Kalaninova, S. Antalic et al. "Levels in Th-223 populated by alpha decay of U-227"
Physical Review C 92, 014321 (2015)
Impact Factor 3.304
Cited 15x (WOS)

J. Diriken et al incl. S. Antalic „Experimental study of the Ni-66(d, p) Ni-67 one-neutron transfer reaction“
Physical Review C 91, 054321 (2015)
Impact Factor 3.304
Cited 11x (WOS)

L. Ghys, A.N. Andreyev, S. Antalic et al. "Empirical description of beta-delayed fission partial half-lives "
Physical Review C 91, 044314 (2015)
Impact Factor 3.304
Cited 15x (WOS)

S. Antalic et al. „Nuclear isomers in ^{259}Sg and ^{255}Rf “
European Physical Journal A 51, 41 (2015)
Impact Factor 2.799
Cited 32x (WOS)

D.A.Fink et al incl. S. Antalic „In-Source Laser Spectroscopy with the Laser Ion Source and Trap: First Direct Study of the Ground-State Properties of Po-217,Po-219“
Physical Review X 5, 011018 (2015)
Impact Factor 8.463
Cited 32x (WOS)

A.N. Andreyev, S. Antalic et al. "Alpha decay of ^{176}Au "
Physical Review C 90, 041312 (2014)
Impact Factor 3.304
Cited 9x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

L. Ghys et al incl. S. Antalic " Evolution of fission-fragment mass distributions in the neutron-deficient lead region"

Physical Review C 90, 041301 (2014)

Impact Factor 3.304

Cited 50x (WOS)

J. Diriken et al incl. S. Antalic „Study of the deformation-driving nu d(5/2) orbital in Ni-67(28)39 using one-neutron transfer reactions“

Physics Letters B 736, 533 (2014)

Impact Factor 4.254

Cited 19x (WOS)

Z. Kalaninova, S. Antalic et al. "Decay of $^{201-203}\text{Ra}$ and $^{200-202}\text{Fr}$ "

Physical Review C 89, 054312 (2014)

Impact Factor 3.304

Cited 27x (WOS)

M.D. Seliverstov et al. incl. S. Antalic „Electromagnetic moments of odd-A $^{193-203}\text{Po}$, ^{211}Po isotopes“

Physical Review C 89, 034323 (2014)

Impact Factor 3.304

Cited 46x (WOS)

B.A. Marsh et al. incl. S. Antalic „New developments of the in-source spectroscopy method at RILIS/ISOLDE“

Nuclear Instruments and Methods in Physics Research B 317, 550 (2013)

Impact Factor 1.186

Cited 46x (WOS)

J. Elseviers et al. incl. S. Antalic „beta-delayed fission of ^{180}Tl “

Physical Review C 88, 044321 (2013)

Impact Factor 3.304

Cited 45x (WOS)

V. Liberati, A.N. Andreyev, S. Antalic et al. „beta-delayed fission and alpha decay of ^{178}Tl “

Physical Review C 88, 044322 (2013)

Impact Factor 3.304

Cited 30x (WOS)

A.N. Andreyev et al. incl. S. Antalic "Signatures of the Z=82 Shell Closure in alpha-Decay Process"

Physical Review Letters 110, 242502 (2013)

Impact Factor 7.728

Cited 105x (WOS)

A.N. Andreyev et al. incl. S. Antalic „alpha-decay spectroscopy of the chain $^{179g}\text{Tl} \rightarrow ^{175g}\text{Au} \rightarrow ^{171g}\text{Ir} \rightarrow ^{167m}\text{Re}$ “

Physical Review C 87, 054311 (2013)

Impact Factor 3.304

Cited 19x (WOS)

S. Rothe, A.N. Andreyev, S. Antalic et al. "Measurement of the first ionization potential of astatine by laser ionization spectroscopy"

Nature Communications 4, 1835 (2013)

Impact Factor 10.742

Cited 99x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

Z. Kalaninová, A.N. Andreyev, S. Antalic et al. "alpha decay of the very neutron-deficient isotopes $^{197-199}\text{Fr}$ "

Physical Review C 87, 044335 (2013)

Impact Factor 3.304

Cited 27x (WOS)

S. Antalic et al. „Nuclear Structure of heavy N=153 Isotones“

Acta Physica Polonica B 44, 387 (2013)

Impact Factor 0.875

Cited 1x (WOS)

M.D. Seliverstov et al. incl. S. Antalic „Charge Radii of odd-A 191-211Po isotopes“

Physics Letters B 719, 362 (2013)

Impact Factor 4.254

Cited 67x (WOS)

A.N. Andreyev, S. Antalic et al. "beta-delayed fission of ^{192}At , ^{194}At "

Physical Review C 87, 014317 (2013)

Impact Factor 3.304

Cited 28x (WOS)

J.F.W. Lane, A.N. Andreyev, S. Antalic „beta-delayed fission of ^{186}Bi , ^{188}Bi isotopes“

Physical Review C 87, 014318 (2013)

Impact Factor 3.304

Cited 17x (WOS)

B. Sulignano et al. incl. S. Antalic „Investigation of high-K states in ^{252}No “

Physical Review C 86, 044318 (2012)

Impact Factor 3.304

Cited 35x (WOS)

E. Parr, R.-D. Herzberg, S. Antalic et al. „New approaches to assign configurations using low-statistic gamma-ray spectra“

European Physical Journal A 48, 134 (2012)

Impact Factor 2.799

Cited 5x (WOS)

M. Veselský, A.N. Andreyev, S. Antalic et al. “Fission-barrier heights of neutron-deficient mercury nuclei”

Physical Review C 86, 024308 (2012)

Impact Factor 3.304

Cited 19x (WOS)

M. Venhart, A.N. Andreyev, S. Antalic et al. „Determination of alpha-decay branching ratios for ^{178}Hg , ^{179}Hg “

European Physical Journal A 48, 101 (2012)

Impact Factor 2.799

Cited 10x (WOS)

F.P. Hessberger, S. Antalic et al. "Alpha-gamma decay studies of ^{253}No and its daughter products ^{253}Md , ^{249}Fm "

European Physical Journal A 48, 75 (2012)

Impact Factor 2.799

Cited 29x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

S. Hofmann et al. incl. S. Antalic "The reaction $^{48}\text{Ca}+^{248}\text{Cm} \rightarrow ^{296}116^*$ studied at the GSI-SHIP"
European Physical Journal A 48, 62 (2012)
Impact Factor 2.799
Cited 184x (WOS)

J. Elseviers, A.N. Andreyev, S. Antalic et al. "Shape coexistence in ^{180}Hg studied through the beta decay of ^{180}Tl "
Physical Review C 84, 034307 (2011)
Impact Factor 3.304
Cited 41x (WOS)

S. Antalic et al. "Isomeric states in No-253 and Fm-253"
European Physical Journal A 47, 62 (2011)
Impact Factor 2.799
Cited 33x (WOS)

T.E. Cocolios et al. incl. S. Antalic "Early Onset of Ground State Deformation in Neutron Deficient Polonium Isotopes",
Physical Review Letters 106, 052503 (2011)
Impact Factor 7.728
Cited 106x (WOS)

M. Venhart et al. incl. S. Antalic „Decay study of ^{246}Fm at SHIP“
European Physical Journal A 47, 20 (2011)
Impact Factor 2.799
Cited 18x (WOS)

M. Venhart et al. incl. S. Antalic „Shape coexistence in odd-mass Au isotopes: Determination of the excitation energy of the lowest intruder state in ^{179}Au “
Physics Letters B 695, 82 (2011)
Impact Factor 4.254
Cited 22x (WOS)

A.N. Andreyev et al. incl. S. Antalic „New Type of Asymmetric Fission in Proton-Rich Nuclei“
Physical Review Letters 105, 252502 (2010)
Impact Factor 7.728
Cited 223x (WOS)

J.A. Heredia, A.N. Andreyev, S. Antalic et al. „The new isotope ^{208}Th “
European Physical Journal A 46, 337 (2010)
Impact Factor 2.799
Cited 26x (WOS)

T.E. Cocolios, A.N. Andreyev, S. Antalic et al. "Structure of Pb-191 from alpha- and beta-decay spectroscopy"
Journal of Physics G - Nuclear and Particle Physics 37, 035102 (2010)
Impact Factor 3.456
Cited 25x (WOS)

B. Streicher, F.P. Hessberger, S. Antalic et al. "Alpha-gamma decay studies of ^{261}Sg and ^{257}Rf "
European Physical Journal A 45, 275 (2010)
Impact Factor 2.799
Cited 53x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

K. Nishio et al. incl. S. Antalic "Nuclear orientation in the reaction $^{34}\text{S}+^{238}\text{U}$ and synthesis of the new isotope ^{268}Hs "

Physical Review C82, 024611 (2010)

Impact Factor 3.304

Cited 85x (WOS)

A.N. Andreyev, S. Antalic et al. „The new isotope ^{179}Pb and alpha-decay properties of $^{179}\text{Tl}^m$ “

Journal of Physics G : Nuclear and particle physics 37, 035102 (2010)

Impact Factor 3.456

Cited 24x (WOS)

F.P.Hessberger, S. Antalic et al. „Alpha-decay properties of ^{261}Bh “

European Physical Journal A 43, 175 (2010)

Impact Factor 2.799

Cited 25x (WOS)

S. Antalic et al. "Studies of neutron-deficient mendelevium isotopes at SHIP"

European Physical Journal A 43, 35 (2010)

Impact Factor 2.799

Cited 42x (WOS)

F.P.Hessberger, S. Antalic et al. "Decay studies of K isomers in No-254"

European Physical Journal A 43, 55 (2010)

Impact Factor 2.799

Cited 81x (WOS)

A.N. Andreyev, S. Antalic et al. "alpha decay of ^{180}Pb , ^{181}Pb "

Physical Review C80, 054322 (2009)

Impact Factor 3.304

Cited 27x (WOS)

A.N.Andreyev, S. Antalic et al. „Identification and decay of the 0.48 ms $13/2^+$ isomer in ^{181}Hg “

Physical Review C 80, 044334 (2009)

Impact Factor 3.304

Cited 5x (WOS)

J. Pakarinen et al. incl. S. Antalic: Evidence for prolate structure in light Pb isotopes from in-beam gamma-ray spectroscopy of ^{185}Pb

Physical Review C 80, 031303 (2009)

Impact Factor 3.304

Cited 13x (WOS)

A.N. Andreyev, S. Antalic et al.: Decay of the $9/2(-)$ isomer in ^{181}Tl and mass determination of low-lying states

Physical Review C 80, 024302 (2009)

Impact Factor 3.304

Cited 37x (WOS)

A.N. Andreyev, S. Antalic et al.: Alpha decay of ^{194}At

Physical Review C 79, 064320 (2009)

Impact Factor 3.304

Cited 23x (WOS)

Stanislav Antalic - Summary of published papers (CC journals)

April 2026

F.P. Hessberger et al. incl. S. Antalic: Decay properties of neutron-deficient isotopes of elements from $Z=101$ to $Z=108$

European Physical Journal A 41, 145 (2009)

Impact Factor 2.799

Cited 60x (WOS)

S. Ketelhut et al. incl. S. Antalic „gamma-ray spectroscopy at the limits: First observation of rotational bands in ^{255}Lr “

Physical Review Letters 102, 212501 (2009)

Impact Factor 7.728

Cited 39x (WOS)

S. Antalic et al.: Study of the K-Isomers in Odd-Mass Nuclei at SHIP

Acta Physica Polonica B 40, 763 (2009)

Impact Factor 0.875

Cited 9x (WOS)

S. Antalic et al. „Decay studies of neutron deficient lawrencium isotopes“

European Physical Journal A 38, 219 (2008)

Impact Factor 2.799

Cited 41x (WOS)

K. Hauschild et al. incl. S. Antalic : High-K, $T_{1/2}=1.4(1)$ ms, isomeric state in ^{255}Lr

Physical Review C 78, 021302 (2008)

Impact Factor 3.304

Cited 43x (WOS)

J. Khuyagbaatar et al. incl. S. Antalic : Isomeric states in ^{214}Th and ^{213}Th

European Physical Journal A 34, 355 (2007)

Impact Factor 2.799

Cited 17x (WOS)

B. Sulignano et al. incl S. Antalic „Identification of a K isomer in ^{252}No “

European Physical Journal A 33, 327 (2007)

Impact Factor 2.799

Cited 86x (WOS)

S. Hofmann et al. incl. S. Antalic „The reaction $^{48}\text{Ca} + ^{238}\text{U} \rightarrow ^{286}112^*$ studied at the GSI-SHIP“

European Physical Journal A 32, 251 (2007)

Impact Factor 2.799

Cited 273x (WOS)

S. Hofmann et al. incl.S. Antalic : Studies of superheavy elements at ship

International Journal of Modern Physics E 16, 937 (2007)

Impact Factor 0.842

Cited 1x (WOS)

S. Antalic et al. The new isotopes in Po-Rn region

Acta Physica Polonica B 38, 1557-1560 (2007)

Impact Factor 0.875

Cited 3x (WOS)

B. Streicher, S. Antalic et al.: Alpha-gamma decay studies of (^{261}Sg)

Acta Physica Polonica B 38, 1561 (2007)
Impact Factor 0.875
Cited 12x (WOS)

P. Kuusiniemi et al. incl S. Antalic „Studies of Ra-213g,Ra-m and Ra-214g,Ra-m by alpha and gamma decay“
European Physical Journal A 30, 551 (2006)
Impact Factor 2.799
Cited 16x (WOS)

F.P. Heßberger et al. incl. S.Antalic: Alpha-gamma decay studies of (255)Rf, No-251 and Fm-247
European Physical Journal A 30, 561 (2006)
Impact Factor 2.799
Cited 59x (WOS)

A.N.Andreyev, S. Antalic et al.: Alpha decay of the new isotopes Rn-193,Rn-194
Phys. Review C 74, art. no. 064303 (2006)
Impact Factor 3.304
Cited 24x (WOS)

K. Nishio et al. incl. S. Antalic „Measurement of evaporation residue cross-sections of the reaction 30Si+238U at subbarrier energies“
European Physical Journal A 29, 281 (2006)
Impact Factor 2.799
Cited 68x (WOS)

F.P. Heßberger et al. incl. S.Antalic „Alpha-gamma decay studies of ²⁵⁵No“
European Physical Journal A 29, 165 (2006)
Impact Factor 2.799
Cited 43x (WOS)

A.N. Andreyev, S. Antalic et al. “Alpha-decay of the new isotope ¹⁸⁷Po: Probing prolate structures beyond the neutron mid-shell at N=104“
Physical Review C 73, 044324 (2006)
Impact Factor 3.304
Cited 38x (WOS)

A.N. Andreyev, S. Antalic et al. „Alpha-decay spectroscopy of the new isotope ¹⁹²At“
Physical Review C 73, 024317 (2006)
Impact Factor 3.304
Cited 28x (WOS)

F.P. Hessberger, S. Antalic et al.: Energy systematics of low-lying Nilsson levels in odd-mass einsteinium isotopes
European Physical Journal A 26, 233 (2005)
Impact Factor 2.799
Cited 55x (WOS)

A.N. Andreyev, D. Ackermann, S. Antalic et al. „Cross section systematics for the lightest Bi and Po nuclei produced in complete fusion reactions with heavy ions“
Physical Review C 72, 014612 (2005)
Impact Factor 3.304
Cited 34x (WOS)

S.Antalic, et al.: Target cooling for high current experiments at SHIP
Nuclear Instrument and Methods A530, 185 (2004)
Impact Factor 1.336
Cited 8x (WOS)

S. Hofmann, et al. incl. S. Antalic: Properties of heavy nuclei measured at the GSI SHIP
Nuclear Physics A734, 93 (2004)
Impact Factor 2.499
Cited 87x (WOS)

D.Ackermann, S.Antalic, et al. „Reaction mechanism studies using the CN/ER spin distribution“
European Physical Journal A 20, 151 (2004)
Impact Factor 2.799
Cited 3x (WOS)

A.N. Andreyev et al. incl. S. Antalic „ α -decay spectroscopy of light odd-odd Bi isotopes - I: $^{188,190}\text{Bi}$ nuclei“
European Physical Journal A 18, 39 (2003)
Impact Factor 2.799
Cited 34x (WOS)

F.P. Heßberger, et al. incl. S.Antalic: „Radioactive decay of ^{217}Pa “
European Physical Journal A 15, 335 (2002)
Impact Factor 2.799
Cited 27x (WOS)

S.Hofmann et al. incl. S.Antalic „New Results on Elements 111 and 112“
European Physical Journal A 14, 147 (2002)
Impact Factor 2.799
Cited 312x (WOS)

S.Hofmann et al. incl. S.Antalic „The New Isotope $^{270}\text{110}$ and its Decay Products ^{266}Hs and ^{262}Sg “
European Physical Journal A 10, 5 (2001)
Impact Factor 2.799
Cited 250x (WOS)

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podľa zák.č.18/2018 Z.z. o ochrane osobných údajov

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Fakulta: Fakulta matematiky, fyziky a informatiky Univerzity Komenského v Bratislave

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