

# Boris Andel

## List of Publications by Year in descending order

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49  
papers

675  
citations

623734

14  
h-index

580821

25  
g-index

51  
all docs

51  
docs citations

51  
times ranked

565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Producing gold at ISOLDE-CERN. Nuclear Instruments & Methods in Physics Research B, 2022, 513, 26-32.	1.4	0
2	Alpha-decay spectroscopy of $^{257}\text{Rf}$ . European Physical Journal A, 2022, 58, 1.	2.5	5
3	Alpha-gamma decay studies of $^{247}\text{Md}$ . European Physical Journal A, 2022, 58, 1.	2.5	4
4	Decay studies of new isomeric states in $^{255}\text{No}$ . Physical Review C, 2022, 106, 014301.	2.9	2
5	The New $^{249}\text{No}$ Isotope. Physics of Particles and Nuclei Letters, 2021, 18, 445-448.	0.4	6
6	Laser-assisted nuclear decay spectroscopy of $^{207}\text{Au}$ . Physical Review C, 2021, 104, 014301.	2.9	7
7	Large Shape Staggering in Neutron-Deficient Bi Isotopes. Physical Review Letters, 2021, 127, 192501.	7.8	27
8	Large Shape Staggering in Neutron-Deficient Bi Isotopes. Physical Review Letters, 2021, 127, 192501.	7.8	27
9	New $\hat{I}^2$ -decaying state in Bi214. Physical Review C, 2021, 104, 014301.	2.9	1
10	Charge radii, moments, and masses of mercury isotopes across the shell closure. Physical Review C, 2021, 104, 014301.	2.9	10
11	Laser-assisted decay spectroscopy for the ground states of $^{180}\text{Au}$ and $^{182}\text{Au}$ . Physical Review C, 2020, 102, 014301.	2.9	10
12	$\hat{I}^2$ -delayed fission of isomers in Bi188. Physical Review C, 2020, 102, 014301.	2.9	7
13	Laser-assisted decay spectroscopy and mass spectrometry of $^{178}\text{Au}$ . Physical Review C, 2020, 102, 014301.	2.9	8
14	Decay studies of the long-lived states in $^{256}\text{Tl}$ . Physical Review C, 2020, 102, 014301.	2.9	3
15	Decay studies of the long-lived states in $^{255}\text{Rf}$ and total kinetic energy measurements for spontaneous fission of $^{255}\text{Rf}$ . Physical Review C, 2020, 102, 014301.	2.9	11
16	Hyperfine anomaly in gold and magnetic moments of $^{199}\text{Au}$ and $^{201}\text{Au}$ gold isomers. Physical Review C, 2020, 101, 014301.	2.9	9
17	$\hat{I}^2$ -decay branching ratio of $^{256}\text{Pt}$ . Physical Review C, 2020, 101, 014301.	2.9	2
18	Isomeric States in $(^{255})\text{Rf}$ , $(^{256})\text{Rf}$ and $(^{257})\text{Rf}$ . Acta Physica Polonica B, 2020, 51, 849.	0.8	2

#	ARTICLE	IF	CITATIONS
19	The study of the properties of spontaneously fissioning transfermium nuclei synthesized in the complete fusion reactions with heavy ions. Journal of Physics: Conference Series, 2020, 1643, 012160.	0.4	0
20	Fine structure in the $\hat{I}\pm$ decay of At218. Physical Review C, 2019, 99, .	2.9	5
21	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, 2019, 987, 337-349.	1.5	14
22	Inverse odd-even staggering in nuclear charge radii and possible octupole collectivity in At217,218,219 revealed by in-source laser spectroscopy. Physical Review C, 2019, 99, .	2.9	13
23	Shape staggering of midshell mercury isotopes from in-source laser spectroscopy compared with density-functional-theory and Monte Carlo shell-model calculations. Physical Review C, 2019, 99, .	2.9	43
24	Alpha-gamma decay studies of 258Db and its (grand)daughter nuclei 254Lr and 250Md. European Physical Journal A, 2019, 55, 1.	2.5	6
25	Spontaneous fission of rutherfordium isotopes - total kinetic energies. EPJ Web of Conferences, 2019, 223, 01043.	0.3	0
26	Prompt Neutrons from Spontaneous 254Rf Fission. Physics of Particles and Nuclei Letters, 2019, 16, 768-771.	0.4	4
27	COMPASS – A COMPACT decay spectroscopy set-up. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 907, 81-89.	1.6	3
28	Change in structure between the $\hat{I}\pm = \hat{I}\pm 1/2$ states in 181Tl and 177,179Au. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 355-363.	4.1	22
29	Characterization of the shape-staggering effect in mercury nuclei. Nature Physics, 2018, 14, 1163-1167.	16.7	106
30	Charge radii and electromagnetic moments of $^{219}\text{At}$ . Physical Review C, 2018, 97, .	2.9	35
31	Short-Lived Isotopes of Transfermium Elements: Studying Characteristics of Spontaneous Fissioning. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 632-636.	0.6	0
32	Total Kinetic Energy Measurements for Spontaneous Fission of $^{255,256,258}\text{Rf}$ . Acta Physica Polonica B, 2018, 49, 605.	0.8	2
33	Decay Spectroscopy of Heavy Isotopes at SHIP Using the COMPASS Focal Plane Detection Set-up. Acta Physica Polonica B, 2018, 49, 613.	0.8	4
34	Detailed $^{218}\text{At}$ -decay study of $^{218}\text{At}$ . Physical Review C, 2017, 96, .	2.9	4
35	$^{218}\text{At}$ -delayed fission of $^{218}\text{At}$ . Physical Review C, 2017, 96, .	2.9	7
36	Alpha- and EC-decay measurements of 257Rf. European Physical Journal A, 2016, 52, 1.	2.5	14

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37	Investigation of electron capture decay of $^{258}\text{Db}$ and $\alpha$ decay of $^{258}\text{Rf}$ . European Physical Journal A, 2016, 52, 1.	2.9	10
38	Short-lived isomers in $^{258}\text{Db}$ and $^{258}\text{Rf}$ . Physical Review C, 2016, 93, .	2.9	4
39	Spontaneous fission of $^{256}\text{Rf}$ , new data. Physics of Particles and Nuclei Letters, 2016, 13, 480-482.	0.4	10
40	Levels in $^{223}\text{Th}$ populated by $\alpha$ decay of $^{227}\text{U}$ . Physical Review C, 2015, 92, .	2.9	11
41	Nuclear structure studies in the seaborgium region at SHIP. AIP Conference Proceedings, 2015, , .	0.4	0
42	Production and decay spectroscopy of $^{192}\text{Po}$ and $^{194}\text{Po}$ . AIP Conference Proceedings, 2015, , .	0.4	0
43	Experimental tests of the modernized VASSILISSA separator (SHELS) with the use of accelerated $^{50}\text{Ti}$ ions. Physics of Particles and Nuclei Letters, 2015, 12, 43-47.	0.4	12
44	First experimental tests of the modernized VASSILISSA separator. Physics of Particles and Nuclei Letters, 2015, 12, 35-42.	0.4	13
45	Decay of $^{201}\text{Ra}$ and $^{203}\text{Ra}$ . Physical Review C, 2014, 89, .	2.9	22
46	Decay of $^{200}\text{Fr}$ and $^{202}\text{Fr}$ . Physical Review C, 2014, 89, .	2.9	22
47	Evolution of fission-fragment mass distributions in the neutron-deficient lead region. Physical Review C, 2014, 90, .	2.9	39
48	New developments of the in-source spectroscopy method at RILIS/ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 550-556.	1.4	47
49	Decay of the very neutron-deficient isotopes $^{197}\text{Fr}$ and $^{199}\text{Fr}$ . Physical Review C, 2013, 87, .	2.9	25