

P Van Duppen

List of Publications by Year in descending order

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373
papers

10,352
citations

38742

50
h-index

64796

79
g-index

381
all docs

381
docs citations

381
times ranked

2664
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	First Offline Results from the S3 Low-Energy Branch. Atoms, 2022, 10, 21.	1.6	6
3	Advancing Radiation-Detected Resonance Ionization towards Heavier Elements and More Exotic Nuclides. Atoms, 2022, 10, 41.	1.6	3
4	First observation of a shape isomer and a low-lying strongly-coupled prolate band in neutron-deficient semi-magic 187Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137129.	4.1	3
5	Resolution Characterizations of JetRIS in Mainz Using 164Dy. Atoms, 2022, 10, 57.	1.6	4
6	Competition between allowed and first-forbidden β decays of ^{208}At and expansion of the Laser-assisted nuclear decay spectroscopy of ^{208}At	2.9	6
7	Laser-assisted nuclear decay spectroscopy of ^{176}Au and ^{177}Au	2.9	7
8	The CERN-MEDICIS Isotope Separator Beamline. Frontiers in Medicine, 2021, 8, 689281.	2.6	6
9	Laser Spectroscopy of Neutron-Rich ^{207}Hg and ^{208}Hg	2.9	5
10	First β -decay spectroscopy of ^{135}In and new β -decay branches of ^{135}In	2.9	5
11	Hypersonic nozzle for laser-spectroscopy studies at 17AK characterized by resonance-ionization-spectroscopy-based flow mapping. Physical Review Research, 2021, 3, .	3.6	12
12	Large Shape Staggering in Neutron-Deficient Bi Isotopes. Physical Review Letters, 2021, 127, 192501.	7.8	27
13	New β -decaying state in Bi214. Physical Review C, 2021, 104, .	2.9	1
14	Charge radii, moments, and masses of mercury isotopes across the shell closure. Physical Review C, 2021, 104, .	2.9	1
15	A gas-jet apparatus for high-resolution laser spectroscopy on the heaviest elements at SHIP. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 272-276.	1.4	15
16	A new control system for high-precision In-Gas Laser Ionization and Spectroscopy experiments at KU Leuven. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 297-301.	1.4	6
17	Performance of Dye and Ti:sapphire laser systems for laser ionization and spectroscopy studies at S3. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 86-95.	1.4	6
18	Design and commissioning of an ion guide system for In-Gas Laser Ionization and Spectroscopy experiments. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 148-153.	1.4	6

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19	Single-longitudinal-mode pumped pulsed-dye amplifier for high-resolution laser spectroscopy. Review of Scientific Instruments, 2020, 91, 103002.	1.3	5
20	Laser-assisted decay spectroscopy for the ground states of Au . Physical Review C, 2020, 102, .	2.9	10
21	\hat{I}^2 -delayed fission of isomers in Bi188. Physical Review C, 2020, 102, .	2.9	7
22	Detailed spectroscopy of doubly magic Sn . Physical Review C, 2020, 102, .	2.9	10
23	Laser-assisted decay spectroscopy and mass spectrometry of Au . Physical Review C, 2020, 102, .	2.9	8
24	Decay studies of the long-lived states in Tl . Physical Review C, 2020, 102, .	2.9	3
25	Octupole states in Tl studied through \hat{I}^2 decay. Physical Review C, 2020, 102, .	2.9	11
26	Hyperfine anomaly in gold and magnetic moments of I and Ce gold isomers. Physical Review C, 2020, 101, .	2.9	24
27	β^+ -decay branching ratio of Pt . Physical Review C, 2020, 101, .	2.9	2
28	On the performance of wavelength meters: Part 1—consequences for medium-to-high-resolution laser spectroscopy. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	20
29	^{208}Po populated through EC/\hat{I}^2+ decay. Journal of Physics: Conference Series, 2020, 1643, 012116.	0.4	1
30	Study of exotic decay of Cs isotope close to the proton drip line. Journal of Physics: Conference Series, 2020, 1643, 012127.	0.4	1
31	High-Statistics Sub-Barrier Coulomb Excitation of $^{106,108,110}\text{Sn}$. , 2020, , .		0
32	Alternative approach to populate and study the Th nuclear clock isomer. Physical Review C, 2019, 100, .	2.9	19
33	Search for octupole-deformed actinium isotopes using resonance ionization spectroscopy. Physical Review C, 2019, 100, .	2.9	22
34	β^+ -decay properties of Fr . Physical Review C, 2019, 100, .	2.9	10
35	Electromagnetic properties of low-lying states in neutron-deficient Hg isotopes: Coulomb excitation of ^{182}Hg , ^{184}Hg , ^{186}Hg and ^{188}Hg . European Physical Journal A, 2019, 55, 1.	2.5	13
36	Normal and intruder configurations in Si populated in the \hat{I}^2 decay of Mg . Physical Review C, 2019, 100, .	2.9	11

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55	Towards high-resolution laser ionization spectroscopy of the heaviest elements in supersonic gas jet expansion. <i>Nature Communications</i> , 2017, 8, 14520.	12.8	90
56	Physics with post-accelerated beams at ISOLDE: nuclear reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 044013.	3.6	2
57	Changes in mean-squared charge radii and magnetic moments of ^{179}Tl and ^{184}Tl measured by in-source laser spectroscopy. <i>Physical Review C</i> , 2017, 95, .	2.9	23
58	Collectivity in $^{196,198}\text{Pb}$ isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 064009.	3.6	3
59	\hat{I}^2 decay studies of n-rich Cs isotopes with the ISOLDE Decay Station. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 054002.	3.6	14
60	Shape coexistence studied in $^{182,184}\text{Hg}$ via the \hat{I}^2 decay of $^{182,184}\text{Tl}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 074001.	3.6	13
61	Identification of the crossing point at $N=21$ between normal and intruder configurations. <i>Physical Review C</i> , 2017, 95, .		
62	In-gas laser ionization and spectroscopy of actinium isotopes near the $N=126$ closed shell. <i>Physical Review C</i> , 2017, 96, .	2.9	27
63	Detailed \hat{I}^2 -decay study of ^{180}Tl . <i>Physical Review C</i> , 2017, 96, .	2.9	4
64	Laser resonance ionization spectroscopy on lutetium for the MEDICIS project. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	14
65	Beta-decay spectroscopy of r-process nuclei around $N=126$. <i>EPJ Web of Conferences</i> , 2016, 109, 08001.	0.3	6
66	\hat{I}^2 -decay study of $^{182,184}\text{Tl}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 025102.	3.6	10
67	Collective $2+1$ excitations in ^{206}Po and $^{208,210}\text{Rn}$. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	8
68	A new in-gas-laser ionization and spectroscopy laboratory for off-line studies at KU Leuven. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016, 376, 345-352.	1.4	21
69	On-line experimental results of an argon gas cell-based laser ion source (KEK Isotope Separation) TJ ETQq1 1 0.784314 rgBT /Qoverlock 17	1.4	17
70	Developments towards in-gas-jet laser spectroscopy studies of actinium isotopes at LISOL. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016, 376, 382-387.	1.4	20
71	Atom-at-a-time laser resonance ionization spectroscopy of nobelium. <i>Nature</i> , 2016, 538, 495-498.	27.8	103
72	\hat{I}^2 -delayed fission and \hat{I}^2 decay of ^{196}At . <i>Physical Review C</i> , 2016, 93, .	2.9	10

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73	Beta-delayed proton emission from ^{20}Mg . <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	14
74	Fast-timing study of the forbidden 1^+ state in ^{19}F . <i>Physical Review C</i> , 2016, 93, .	2.9	8
75	Structure of low-lying states in ^{140}Sm studied by Coulomb excitation. <i>Physical Review C</i> , 2016, 93, .	2.9	12
76	Short-lived isomers in ^{192}Po and ^{194}Po . <i>Physical Review C</i> , 2016, 93, .	2.9	4
77	Structure of ^{46}Ar by the $^{46}\text{Ca}(\alpha, n)^{46}\text{Ar}$ reaction. <i>Physical Review C</i> , 2016, 93, .	2.9	17
78	Analysis methods of safe Coulomb-excitation experiments with radioactive ion beams using the GOSIA code. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	48
79	X-ray production with heavy post-accelerated radioactive-ion beams in the lead region of interest for Coulomb-excitation measurements. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 360, 97-102.	1.4	5
80	Experimental study of the $^{66}\text{Ni}(d, p)^{67}\text{Ni}$ one-neutron transfer reaction. <i>Physical Review C</i> , 2015, 91, .	2.9	9
81	Collectivity in the light radon nuclei measured directly via Coulomb excitation. <i>Physical Review C</i> , 2015, 91, .	2.9	8
82	Internal decay of the 10^+ state in ^{184}Tl . <i>Physical Review C</i> , 2015, 92, .	2.9	7
83	Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. <i>Physical Review C</i> , 2015, 92, .	2.9	25
84	In-Source Laser Spectroscopy with the Laser Ion Source and Trap: First Direct Study of the Ground-State Properties of ^{217}Po . <i>Physical Review X</i> , 2015, 5, .	8.9	18
85	Do nuclei go pear-shaped? Coulomb excitation of ^{220}Rn and ^{224}Ra at REX-ISOLDE (CERN). <i>EPJ Web of Conferences</i> , 2015, 93, 01038.	0.3	0
86	Low-energy Coulomb excitation of ^{62}Fe and ^{62}Mn following in-beam decay of ^{62}Mn . <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	7
87	Single-neutron orbits near ^{78}Ni : Spectroscopy of the ^{79}Zn isotope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 228-232.	4.1	27
88	Empirical description of $^2\text{-delayed}$ fission partial half-lives. <i>Physical Review C</i> , 2015, 91, .	2.9	14
89	Spectroscopy of Low-lying States in ^{140}Sm . <i>Acta Physica Polonica B</i> , 2015, 46, 607.	0.8	3
90	Laser ion source for multi-nucleon transfer reaction products. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 353, 4-15.	1.4	40

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91	Testing refined shell-model interactions in the sd shell: Coulomb excitation of ^{26}Na . Physical Review C, 2015, 91, .	2.9	6
92	Characterization of the low-lying 0^+ and 2^+ states in ^{208}Pb . Physical Review C, 2014, 89, .	2.9	42
93	Highlights at ISOLDE. Advanced Series on Directions in High Energy Physics, 2015, , 415-436.	0.7	4
94	The SPEDE Spectrometer: Combined In-Beam β^+ -ray and Conversion Electron Spectroscopy with Radioactive Ion Beams. , 2015, , .		3
95	Beta-Delayed Fission: A Rare Decay Mode as Probe for Phenomena Near and Beyond the Fission Barrier. Nuclear Physics News, 2014, 24, 14-18.	0.4	0
96	Study of the deformation-driving $1/2d_{5/2}$ orbital in ^{67}Ni using one-neutron transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 533-538.	4.1	16
97	Shape coexistence in neutron-deficient Hg isotopes studied via lifetime measurements in two-state mixing calculations. Physical Review C, 2014, 89, .	2.9	36
98	Coulomb excitation of neutron-rich Cd isotopes. Physical Review C, 2014, 89, .	2.9	26
99	Coulomb excitation of ^{29}Na and ^{30}Na : Mapping the borders of the island of inversion. Physical Review C, 2014, 89, .	2.9	16
100	In-gas-cell laser ionization spectroscopy in the vicinity of ^{100}Sn : Magnetic moments and mean-square charge radii of ^{50}N and ^{54}N . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 191-197.	4.1	39
101	Decay of ^{193}Po and ^{203}Po . Physical Review C, 2014, 89, .	2.9	51
102	Decay of ^{201}Ra and ^{202}Fr . Physical Review C, 2014, 89, .	2.9	22
103	Evolution of fission-fragment mass distributions in the neutron-deficient lead region. Physical Review C, 2014, 90, .	2.9	39
104	β^{\pm} decay of ^{176}Au . Physical Review C, 2014, 90, .	2.9	8
105	On the validity of the Geiger-Nuttall alpha-decay law and its microscopic basis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 203-206.	4.1	45
106	Present Status of KEK Isotope Separation System. EPJ Web of Conferences, 2014, 66, 11017.	0.3	1
107	Determination of the $B(E3, 0^+ \rightarrow 3^+)$ -excitation strength in octupole-correlated nuclei near ^{224}Ac by the means of Coulomb excitation at REX-ISOLDE. Journal of Physics: Conference Series, 2014, 533, 012007.	0.4	2
108	An overview of the HIE-ISOLDE Design Study. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 204-207.	1.4	17

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109	Charge radii of odd-A ^{191}Po isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 362-366.	4.1	64
110	Colloquium: Beta-delayed fission of atomic nuclei. Reviews of Modern Physics, 2013, 85, 1541-1559.	45.6	82
111	Decay of ^{185}Tl , ^{185m}gHg , ^{189m}gPb and energy location of the $13/2^+$ isomeric states in ^{185}Hg , ^{189}Pb , ^{193}Po and ^{197}Rn . European Physical Journal A, 2013, 49, 1.	2.5	8
112	In gas laser ionization and spectroscopy experiments at the Superconducting Separator Spectrometer (S3): Conceptual studies and preliminary design. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 570-581.	1.4	43
113	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
114	The in-gas-jet laser ion source: Resonance ionization spectroscopy of radioactive atoms in supersonic gas jets. Nuclear Instruments & Methods in Physics Research B, 2013, 297, 7-22.	1.4	77
115	Shape dynamics in neutron-rich Kr isotopes: Coulomb excitation of ^{92}Kr , ^{94}Kr and ^{96}Kr . Nuclear Physics A, 2013, 899, 1-28.	1.5	40
116	β^{\pm} -decay spectroscopy of the chain ^{179}Mn to levels in ^{180}Tl . Nuclear Instruments & Methods in Physics Research B, 2013, 317, 480-483.	2.9	13
117	The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.	2.5	126
118	Off-line test of the KISS gas cell. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 480-483.	1.4	8
119	Facilities and methods for radioactive ion beam production. Physica Scripta, 2013, T152, 014023.	2.5	157
120	β^{\pm} -delayed fission and decay of ^{179}Mn . Nuclear Instruments & Methods in Physics Research B, 2013, 317, 480-483.	2.9	24
121	Decay of the very neutron deficient isotopes ^{178}Mn and ^{179}Mn . Nuclear Instruments & Methods in Physics Research B, 2013, 317, 480-483.	2.9	25
122	Shell Closure in ^{82}Mn β^{\pm} -Decay Process. Physical Review Letters, 2013, 110, 241101.	7.8	93
123	β^{\pm} -delayed fission of ^{180}Tl . Physical Review C, 2013, 88, 014607.	2.9	41
124	β^{\pm} -delayed fission of ^{186}Bi , ^{188}Bi isotopes. Physical Review C, 2013, 87, 014607.	2.9	13
125	Decay of ^{61}Mn to levels in ^{61}Fe . Physical Review C, 2013, 88, 014607.	2.9	13
126	β^{\pm} -delayed fission of ^{192}At , ^{194}At . Physical Review C, 2013, 87, 014607.	2.9	22

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127	β^- decay of the neutron-rich isotope ^{215}Pb . Physical Review C, 2013, 87, .	2.9	8
128	Combined in-beam gamma-ray and conversion electron spectroscopy with radioactive ion beams. EPJ Web of Conferences, 2013, 63, 01019.	0.3	6
129	Coulomb excitation of re-accelerated ^{208}Rn and ^{206}Po beams. EPJ Web of Conferences, 2013, 63, 01009.	0.3	5
130	Gamow-Teller decay population of ^{64}Ni levels in the decay of ^{64}Co . Physical Review C, 2012, 86, .	2.9	7
131	Fission-barrier heights of neutron-deficient mercury nuclei. Physical Review C, 2012, 86, .	2.9	18
132	Early onset of deformation in the neutron-deficient polonium isotopes. Journal of Physics: Conference Series, 2012, 381, 012072.	0.4	3
133	Performance of a high repetition pulse rate laser system for in-gas-jet laser ionization studies with the Leuven laser ion source @ LISOL. Nuclear Instruments & Methods in Physics Research B, 2012, 291, 29-37.	1.4	28
134	T-REX. European Physical Journal A, 2012, 48, 1.	2.5	50
135	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
136	Physics with REX-ISOLDE: from experiment to facility. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 024005.	3.6	41
137	In-beam conversion-electron spectroscopy of ^{180}Hg . Physical Review C, 2011, 84, .	2.9	16
138	Coulomb excitation of ^{31}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 181-186.	4.1	22
139	Suppression of alpha formation probability around the $N=126$ shell closure. , 2011, , .		0
140	Early Onset of Ground State Deformation in Neutron Deficient Polonium Isotopes. Physical Review Letters, 2011, 106, 052503.	7.8	94
141	Coulomb excitation of the ^{70}Cu isomer in ^{70}Cu . Physical Review C, 2011, 84, .	2.9	11
142	Combined in-beam electron and gamma-ray spectroscopy of ^{180}Hg . Physical Review C, 2011, 84, .	2.9	29
143	Coulomb excitation of ^{180}Hg studied through the ^{180}Tl decay. Physical Review C, 2011, 84, .	2.9	46
144	Study Of The Scattering Of Halo Nuclei Around The Coulomb Barrier. , 2011, , .		0

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145	Structure of neutron-rich nuclei around the $N=50$ shell-gap closure. AIP Conference Proceedings, 2010, , .	0.4	0
146	MATS and LaSpec: High-precision experiments using ion traps and lasers at FAIR. European Physical Journal: Special Topics, 2010, 183, 1-123.	2.6	76
147	The new isotope ^{179}Pb and \hat{I}^{\pm} -decay properties of ^{179}Tl . Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 035102.	3.6	25
148	Coulomb excitation of ^{73}Ga . Physical Review C, 2010, 82.	2.9	17
149	Magnetic dipole moments of ^{58}Cu and ^{59}Ni . Physical Review C, 2010, 82.	2.9	43
150	Pairing excitation versus intruder states in ^{58}Ni and ^{59}Ni . Physical Review C, 2010, 82.	2.9	22
151	Abrupt changes in \hat{I}^{\pm} -decay systematics as a manifestation of collective nuclear modes. Physical Review C, 2010, 81, .	2.9	30
152	Structure of ^{191}Pb from \hat{I}^{\pm} - and \hat{I}^2 -decay spectroscopy. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125103.	3.6	20
153	R -matrix analysis of the \hat{I}^2 -decays of ^{12}N . Physical Review Letters, 2010, 105, 252502.	2.9	59
154	New Type of Asymmetric Fission in Proton-Rich Nuclei. Physical Review Letters, 2010, 105, 252502.	7.8	197
155	Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei. , 2009, , .		4
156	Restoration of RI-beams from a projectile fragment separator by Laser Ionization gas Catcher-PALIS-. , 2009, , .		16
157	Shell Structure and Shape Changes in Neutron Rich Krypton Isotopes. , 2009, , .		4
158	Transfer Reactions on Neutron-rich Nuclei at REX-ISOLDE. , 2009, , .		4
159	\hat{I}^{\pm} -decay of ^{181}Pb . Physical Review C, 2009, 79.	2.9	24
160	\hat{I}^{\pm} -decay of ^{194}At . Physical Review C, 2009, 79.	2.9	23
161	Identification and decay of the 0.48 ms ^{13}Hg . Physical Review C, 2009, 79.	2.9	15
162	Identification and decay of the 0.48 ms ^{13}Hg . Physical Review C, 2009, 80, .	2.9	4

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163	Measurement of the branching ratio of the ^{67}Zn β -decay study of ^{67}Zn . Physical Review C, 2009, 80, .	2.9	16
164	Decay of the $^{9/2}^+$ isomer in ^{181}Tl and mass determination of low-lying states in ^{181}Tl , ^{177}Au , and ^{173}Ir . Physical Review C, 2009, 80, .	2.9	31
165	Structure of $^{65,67}\text{Co}$ studied through the β^2 decay of $^{65,67}\text{Fe}$ and a deep-inelastic reaction. Physical Review C, 2009, 79, .	2.9	53
166	Magnetic Dipole Moment of $^{57,59}\text{Cu}$ Measured by In-Gas-Cell Laser Spectroscopy. Physical Review Letters, 2009, 103, 102501.	7.8	72
167	Measurement of the branching ratio of the ^{6}He β -decay channel into the ^{6}Li β -decay channel. Physical Review C, 2009, 79, .	2.9	22
168	Low-energy Coulomb excitation of neutron-rich zinc isotopes. Physical Review C, 2009, 79, .	2.9	58
169	Analysis of the elastic scattering measured with a 23.7 MeV ^{7}Be beam on a ^{9}Be target. , 2009, .		0
170	The Laser Ion Source Trap (LIST) coupled to a gas cell catcher. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2918-2926.	1.4	39
171	Dual chamber laser ion source at LISOL. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2908-2917.	1.4	59
172	Precise branching ratios to unbound ^{12}C states from ^{12}N and ^{12}B β^2 -decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 459-464.	4.1	41
173	Nuclear structure of ^{189}Tl states studied via η^+_{β} /EC decay and laser spectroscopy of $^{189}\text{m}+\text{gPb}$. European Physical Journal A, 2009, 39, 33-48.	2.5	14
174	In-trap decay of ^{61}Mn and Coulomb excitation of $^{61}\text{Mn}/^{61}\text{Fe}$. European Physical Journal A, 2009, 42, 401.	2.5	19
175	Charge radii and magnetic moments of odd- A $^{183-189}\text{Pb}$ isotopes. European Physical Journal A, 2009, 41, 315-321.	2.5	60
176	β^2 -Decay studies with an implantation technique. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4652-4656.	1.4	12
177	Characterization of the LISOL laser ion source using spontaneous fission of ^{252}Cf . Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4368-4372.	1.4	16
178	Decay correlations in the seconds range with laser-ionized, mass-separated beams. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4600-4605.	1.4	9
179	Resonant laser ionization of polonium at rills-isolde for the study of ground- and isomer-state properties. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4403-4406.	1.4	29
180	Online test of the FRS Ion Catcher at GSI. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4493-4497.	1.4	22

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181	Study of the elastic scattering of ^6He on ^{208}Pb at energies around the Coulomb barrier. Nuclear Physics A, 2008, 803, 30-45.	1.5	148
182	Sub-Barrier Coulomb Excitation of $^{106,108,110}\text{Sn}$. AIP Conference Proceedings, 2008, , .	0.4	0
183	One Nucleon Transfer Reactions Around ^{68}Ni at REX-ISOLDE. AIP Conference Proceedings, 2008, , .	0.4	0
184	Quadrupole collectivity of neutron-rich nuclei around ^{132}Sn . AIP Conference Proceedings, 2008, , .	0.4	3
185	Gamowâ€Teller transitions in exotic pf-shell nuclei relevant to supernova explosion. Journal of Physics C: Nuclear and Particle Physics, 2008, 35, 014041.	3.6	9
186	Coulomb Excitation of the ^{80}Zn nucleus. AIP Conference Proceedings, 2008, , .	0.4	0
187	Shape isomerism at $N=40$: Discovery of a proton intruder state in ^{67}Co . Physical Review C, 2008, 78, .	2.9	58
188	Coulomb excitation of ^{28}Ni at ^{68}Ni energies. Physical Review C, 2008, 78, .	2.9	35
189	The \hat{I}^2 -decay approach for studying ^{12}C . Journal of Physics: Conference Series, 2008, 111, 012003.	0.4	0
190	Charged-particle channels in the \hat{I}^2 -decay of ^{11}Li . AIP Conference Proceedings, 2007, , .	0.4	1
191	Sub-Barrier Coulomb Excitation of ^{110}Sn and Its Implications for the ^{100}Sn Shell Closure. Physical Review Letters, 2007, 98, .	7.8	94
192	Coulomb Excitation of $^{68,70}\text{Cu}$: First Use of Postaccelerated Isomeric Beams. Physical Review Letters, 2007, 98, 122701.	7.8	70
193	A new setup for transfer reactions at REX-ISOLDE. Progress in Particle and Nuclear Physics, 2007, 59, 386-388.	14.4	13
194	Coulomb excitation of ^{88}Kr and ^{92}Kr in inverse kinematics. Progress in Particle and Nuclear Physics, 2007, 59, 361-363.	14.4	7
195	\hat{I}^\pm -decay hindrance factors: A probe of mean-field wave functions. Physical Review C, 2006, 73, .	2.9	29
196	\hat{I}^2 -decay properties of ^{72}Ni and ^{72}Cu . Physical Review C, 2006, 74, .	2.9	18
197	Isotope Separation On Line and Post Acceleration. , 2006, , 37-77.		36
198	Coulomb excitation of ^{110}Sn using REX-ISOLDE. Physica Scripta, 2006, T125, 190-191.	2.5	1

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199	Study of the neutron deficient ^{182}Pb isotopes by simultaneous atomic- and nuclear-spectroscopy. Hyperfine Interactions, 2006, 171, 225-231.	4.1	11
200	Coulomb excitation of neutron-rich Cd isotopes at REX-ISOLDE. AIP Conference Proceedings, 2006, , .	0.4	4
202	$\hat{I}\pm$ decay of the new isotopes Rn193,194. Physical Review C, 2006, 74, .	2.9	27
203	$\hat{I}\pm$ -decay of the new isotope Po187: Probing prolate structures beyond the neutron mid-shell at N = 104. Physical Review C, 2006, 73, .	2.9	36
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