

# Andres Gadea

## List of Publications by Year in descending order

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503  
papers

9,952  
citations

41344

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79698

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507  
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507  
docs citations

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times ranked

2548  
citing authors



#	ARTICLE	IF	CITATIONS
19	Excitations of the magic $N=50$ neutron-core revealed in $^{81}\text{Ga}$ . <i>Physical Review C</i> , 2019, 100, .	2.9	8
20	Evidence of octupole-phonons at high spin in $^{207}\text{Pb}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134797.	4.1	6
21	Study of medium-spin states of neutron-rich $^{87, 89, 91}\text{Rb}$ isotopes. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	0
22	New spectroscopic information on $^{211}\text{Tl}$ : A changing structure beyond the $N=126$ shell. <i>Physical Review C</i> , 2019, 100, .	2.9	9
23	Performance of the new integrated front-end electronics of the TRACE array commissioned with an early silicon detector prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 935, 178-184.	1.6	14
24	NEDA Neutron Detector Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 927, 81-86.	1.6	34
25	The $4\pi$ highly-efficient light-charged-particle detector EUCLIDES, installed at the GALILEO array for in-beam $\gamma$ -ray spectroscopy. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	23
26	Multinucleon transfer reactions and proton transfer channels. <i>EPJ Web of Conferences</i> , 2019, 223, 01039.	0.3	0
27	Lifetime measurements in $^{52,54}\text{Ti}$ to study shell evolution toward $N=32$ . <i>Physical Review C</i> , 2019, 100, .	2.9	14
28	Identification of high-spin proton configurations in $^{136}\text{Ba}$ and $^{137}\text{Ba}$ . <i>Physical Review C</i> , 2019, 99, .	2.9	5
29	Neutron detection and $^{13}\text{C}$ -ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 916, 238-245.	1.6	15
30	Lifetime Measurements Using RDDS Method in the Vicinity of $^{78}\text{Ni}$ . <i>Acta Physica Polonica B</i> , 2019, 50, 633.	0.8	4
31	Quadrupole collectivity in $^{42}\text{Ca}$ from low-energy Coulomb excitation with AGATA. <i>Physical Review C</i> , 2019, 97, .	2.9	22
32	Study of isomeric states in $^{198,200,202,206}\text{Pb}$ and $^{206}\text{Hg}$ populated in fragmentation reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 035105.	3.6	5
33	Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the $^{78}\text{Ni}$ Region: A Hint from Lifetime Measurements. <i>Physical Review Letters</i> , 2018, 121, 192502.	7.8	20
34	Symmetries in mirror nuclei $^{31}\text{S}$ and $^{31}\text{P}$ . <i>EPJ Web of Conferences</i> , 2018, 194, 03001.	0.3	0
35	Millisecond $^{23}\text{N}$ isomers in the $^{79}\text{N}$ isotones. <i>Physical Review C</i> , 2018, 97, .	2.9	4
36	The AGATA Campaigns at GSI and GANIL. <i>Nuclear Physics News</i> , 2018, 28, 16-19.	0.4	2

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37	M1 and E2 transition rates from core-excited states in semi-magic $^{94}\text{Ru}$ . European Physical Journal A, 2018, 54, 1.	2.5	5
38	High-spin structure in the transitional nucleus $\text{Xe}131$ : Competitive neutron and proton alignment in the vicinity of the $N=82$ shell closure. Physical Review C, 2018, 98, . <a href="#">Broken Mirror Symmetry in <math>\langle \text{math} \rangle</math></a>	2.9	14
39	Neutron Skin Effects in Mirror Energy Differences: The Case of $\langle \text{math} \rangle$ <a href="#">Broken Mirror Symmetry in <math>\langle \text{math} \rangle</math></a>	2.9	11
40	Physical Review C, 2018, 98, . <a href="#">Broken Mirror Symmetry in <math>\langle \text{math} \rangle</math></a>	7.8	14
41	Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 59-65.	1.6	24
42	Conceptual design of the AGATA <a href="#">Broken Mirror Symmetry in <math>\langle \text{math} \rangle</math></a>	1.6	64
43	at GANIL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 855, 1-12.	2.9	10
44	Toward lifetime and g-factor measurements of short-lived states in the vicinity of $^{208}\text{Pb}$ . Physica Scripta, 2017, 92, 054004.	2.5	1
45	Performance and imaging capabilities of the DEGAS high-resolution $\hat{I}^3$ -ray detector array for the DESPEC experiment at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 873, 36-38.	1.6	2
46	Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, . <a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	2.9	17
47	<a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	2.9	9
48	High-spin structures in $\text{Xe}132$ and $\text{Xe}133$ and evidence for isomers along the $N=79$ isotones. Physical Review C, 2017, 96, . <a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	2.9	12
49	High-spin states and lifetimes in $\text{S}33$ and shell-model interpretation in the $\text{sd}\hat{a}^2\text{fp}$ space. Physical Review C, 2017, 96, . <a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	2.9	4
50	<a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	2.9	12
51	Observation of a $\hat{I}^3$ -decaying millisecond isomeric state in $^{128}\text{Cd}80$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 483-488. <a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	4.1	7
52	Boundary of the Island of Deformat. Physical Review Letters, 2017, 118, 162501. <a href="#">Measurement of lifetimes in <math>\langle \text{math} \rangle</math></a>	7.8	31
53	Determination of lifetimes of nuclear excited states using the Recoil Distance Doppler Shift Method in combination with magnetic spectrometers. European Physical Journal A, 2017, 53, 1.	2.5	4
54	Stretched configuration of states as inferred from $\gamma$ $\hat{I}^3$ -ray angular distributions in $^{40}\text{Ar} + ^{208}\text{Pb}$ neutron transfer reactions. European Physical Journal A, 2017, 53, 1.	2.5	1

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55	Lifetime Measurements with the Doppler Shift Attenuation Method Using a Thick Homogeneous Production Target --- Verification of the Method. Acta Physica Polonica B, 2017, 48, 325.	0.8	2
56	Study of Quadrupole Correlations in $N=Z=50$ Region via Lifetime Measurements. Acta Physica Polonica B, 2017, 48, 331.	0.8	3
57	Evaluation of the spectroscopic performance of the integrated multi-channel charge-sensitive preamplifier of TRACE with a silicon detector prototype. , 2016, , .		1
58	Proton-hole and core-excited states in the semi-magic nucleus $^{131}\text{In}^{82}$ . European Physical Journal A, 2016, 52, 1.	2.5	9
59	Multi-nucleon transfer reactions in the $^{40}\text{Ar} + ^{208}\text{Pb}$ system. Physical Review C, 2016, 94, 044607.	2.9	39
60	Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. European Physical Journal A, 2016, 52, 1.	2.5	23
61	Study of the cross section determination with the PRISMA spectrometer: The $^{40}\text{Ar} + ^{208}\text{Pb}$ case. European Physical Journal A, 2016, 52, 1.	2.5	13
62	Superdeformed and Triaxial States in $^{42}\text{Ca}$ . Physical Review Letters, 2016, 117, 062501.	7.8	39
63	Level structure of neutron-rich $^{132}\text{Sn}$ -ray study of the $^{132}\text{Sn}$ decay. Physical Review C, 2016, 94, 044608.	2.9	7
64	Revision and extension of the level scheme of $^{130}\text{Cd}$ . Physical Review C, 2016, 94, 044609.	2.9	17
65	Role of the $1^+$ Resonance in the Population of a Four-Nucleon State in the $^{56}\text{Fe} + ^4\text{He}$ Reaction at Relativistic Energies. Physical Review Letters, 2016, 117, 222302.	7.8	6
66	Observations of the Gamow-Teller resonance in the rare-earth nuclei above $^{146}\text{Gd}$ populated in $^{132}\text{Sn}$ decay. Physical Review C, 2016, 93, .	2.9	6
67	$^{132}\text{Sn}$ rays emitted from excited states south-east of $^{132}\text{Sn}$ . Physical Review C, 2016, 93, .	2.9	19
68	Particle-core coupling in $^{37}\text{S}$ . Physical Review C, 2016, 93, .	2.9	9
69	Pygmy dipole resonance in $^{140}\text{Ce}$ via inelastic scattering of $^{16}\text{O}$ . Physical Review C, 2016, 93, .	2.9	24
70	High-spin structure of $^{134}\text{Xe}$ . Physical Review C, 2016, 93, .	2.9	10
71	Particle-core coupling in $^{60}\text{Ni}$ . Physical Review C, 2016, 93, .	2.9	22
72	Performance of the AGATA $^{13}\text{C}$ -ray spectrometer in the PreSPEC set-up at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 258-266.	1.6	25

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73	Gamma Decay of the Possible $1^{\pi}$ Two-phonon State in $^{140}\text{Ce}$ Excited via Inelastic Scattering of $^{17}\text{O}$ . Acta Physica Polonica B, 2016, 47, 859.	0.8	2
74	Conceptual design of a high resolution Ge array with tracking and imaging capabilities for the DESPEC (FAIR) experiment. Journal of Instrumentation, 2015, 10, P06010-P06010.	1.2	5
75	PLAS: A compact, self-triggered, dead time-less, high channel count analog memory ASIC for TRACE. , 2015, , .		3
76	Experimental performance of the $2^{\text{C}}$ integrated multichannel charge-sensitive preamplifier of TRACE. , 2015, , .		6
77	$\beta^2$ decay of $\text{Cd}129$ and excited states in $\text{In}129$ . Physical Review C, 2015, 91, .	2.9	20
78	Multitude of $2^+$ states in $\text{Sn}^{124}$ observed via the $2^+$ $\beta$ decay of $^{124}\text{Sb}$ . Physical Review C, 2015, 91, .		



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91	Selective properties of neutron transfer reactions in the $90\text{Zr} + 208\text{Pb}$ system for the population of excited states in zirconium isotopes. Nuclear Physics A, 2015, 941, 273-292.	1.5	17
92	states in $^{90}\text{Zr}$ populated via $^{90}\text{Zr} + ^{208}\text{Pb}$ reaction. Nuclear Physics A, 2015, 941, 273-292.	2.9	33
93	Physical Review C, 2015, 91.	2.9	26
94	Pairing Correlation Study in the $^{40}\text{Ar} + ^{208}\text{Pb}$ Multinucleon Transfer Reaction. Acta Physica Polonica B, 2015, 46, 439.	0.8	1
95	Physical Review C, 2015, 91.	2.9	31
96	A New Front-End High-Resolution Sampling Board for the New-Generation Electronics of EXOGAM2 and NEDA Detectors. IEEE Transactions on Nuclear Science, 2015, 62, 1056-1062.	2.0	9
97	Isomeric Ratios in $^{206}\text{Hg}$ . Acta Physica Polonica B, 2015, 46, 601.	0.8	3
98	Data-flow coupling and data-acquisition triggers for the PreSPEC-AGATA campaign at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 786, 32-39.	1.6	11
99	Conceptual design of the TRACE detector readout using a compact, dead time-less analog memory ASIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 800, 34-39.	1.6	13
100	Analyzing power of AGATA triple clusters for gamma-ray linear polarization. European Physical Journal A, 2015, 51, 1.	2.5	11
101	Study of shape transition in the neutron-rich Os isotopes. EPJ Web of Conferences, 2014, 66, 02057.	0.3	0
102	New Isomers in the Neutron-Rich Region Beyond $^{208}\text{Pb}$ . EPJ Web of Conferences, 2014, 66, 02043.	0.3	0
103	Evolution of collectivity in the $^{78}\text{Ni}$ region: Coulomb excitation of $^{74}\text{Ni}$ at intermediate energies.. EPJ Web of Conferences, 2014, 66, 02066.	0.3	2
104	AGATA modules as Compton polarimeters for the measurement of gamma-ray linear polarisation. EPJ Web of Conferences, 2014, 66, 11004.	0.3	2
105	Pygmy dipole resonance in $^{124}\text{Sn}$ populated by inelastic scattering of $^{17}\text{O}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	4.1	57
106	Identification of a millisecond isomeric state in $^{129}\text{Cd}$ . Nuclear Physics A, 2014, 941, 273-292.	4.1	22
107	A digital front-end electronics for the neutron detector NEDA. , 2014, , .		0
108	Experimental study of neutron-rich nuclei near the $N = 82$ closed shell using the $^{4096}\text{Zr} + ^{50124}\text{Sn}$ reaction with GASP and PRISMA-CLARA arrays. , 2014, , .		0

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109	Fully digital FPGA-based Front-End Electronics for the GALILEO array. , 2014, , . Hindered Gamow-Teller Decay to the Odd-Odd		0
110	$N < Z$	7.8	16
111	Quadrupole Transition Strength in the $Ni^{74}$ Nucleus and Core Polarization Effects in the Neutron-Rich Ni Isotopes. Physical Review Letters, 2014, 113, 182501.	7.8	15
112	Study of the soft dipole modes in $^{140}Ce$ via inelastic scattering of $^{17}O$ . Physica Scripta, 2014, 89, 054016.	2.5	7
113	High-spin level structure of $^{132}Pb$ . Physical Review C, 2014, 89, .	2.9	14
114	Proton-Hole State in $^{132}Sn$	7.8	51
115	$\hat{I}^2$ -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
116	$^{208}Pb$ via isomeric decay spectroscopy of the $^{208}Pb$ isotope. Physical Review C, 2014, 89, .	7.8	59
117	Shape evolution in the neutron-rich osmium isotopes. Prompt	2.9	8
118	$\hat{I}^3$ -ray spectroscopy of $^{196}Os$	2.9	23
119	Digital pulse-shape analysis with a TRACE early silicon prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 241-246.	1.6	40
120	Test of digital neutron $\gamma$ discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 83-91.	1.6	23
121	Counting rate measurements for lifetime experiments using the RDDS method with the new generation $\hat{I}^3$ -ray array AGATA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 758, 1-3.	1.6	1
122	Study of the $\hat{I}^3$ decay of high-lying states in $^{208}Pb$ via inelastic scattering of $^{17}O$ ions. EPJ Web of Conferences, 2014, 66, 02023.	0.3	0
123	Reaction dynamics and nuclear structure of moderately neutron-rich Ne isotopes by heavy ion reactions. EPJ Web of Conferences, 2014, 66, 03012.	0.3	0
124	On the Road to FAIR: 1<sup>st</sup>/i> Operation of AGATA in PreSPEC at GSI. EPJ Web of Conferences, 2014, 66, 02083.	0.3	22
125	Design of an integrated low-noise, low-power charge sensitive preamplifier for $\hat{I}^3$ and particle spectroscopy with solid state detectors. , 2014, , .		12
126	A new front-end high-resolution sampling board for the new-generation electronics of EXOGAM2 and NEDA detectors. , 2014, , .		0



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127	New $\frac{1}{4}s$ isomers in the neutron-rich $^{210}\text{Hg}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
128	Design and Test of a High-Speed Flash ADC Mezzanine Card for High-Resolution and Timing Performance in Nuclear Structure Experiments. IEEE Transactions on Nuclear Science, 2013, 60, 3526-3531.	2.0	8
129	Multiple Register Synchronization With a High-Speed Serial Link Using the Aurora Protocol. IEEE Transactions on Nuclear Science, 2013, 60, 3521-3525.	2.0	7
130	Properties of the rotational bands in deformed odd-odd $^{184}\text{Au}$ . Physical Review C, 2013, 87, .	2.9	3
131	Response of AGATA segmented HPGc detectors to gamma rays up to 15.1MeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 705, 47-54.	1.6	19
132	Transfer Reaction Studies with Spectrometers. Acta Physica Polonica B, 2013, 44, 417.	0.8	8
133	Reaction Dynamics and $\gamma$ -Spectroscopy of Ne Isotopes by the Heavy Ion Reaction $^{22}\text{Ne} + ^{208}\text{Pb}$ . Acta Physica Polonica B, 2013, 44, 457.	0.8	1
134	Lifetime Measurements in Neutron-rich Cu Isotopes. Acta Physica Polonica B, 2013, 44, 505.	0.8	5
135	Towards the Determination of Superdeformation in $^{42}\text{Ca}$ . Acta Physica Polonica B, 2013, 44, 617.	0.8	6
136	Collective nature of low-lying excitations in $^{70}\text{Zn}$ and $^{72}\text{Zn}$ hindrance probed by the $K^{\pi}$ decay of the warm rotating $^{74}\text{Zn}$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	2.9	50
137	$K^{\pi}$ decay of the warm rotating $^{74}\text{Zn}$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	2.9	11
138	$\gamma$ -ray linear polarization measurements and alignment in $^{9}\text{Li}$ . Physical Review C, 2013, 87, .	2.9	18
139	Structure of chlorine isotopes populated by heavy ion transfer reactions. Physical Review C, 2013, 87, .	2.9	29
140	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	2.9	15
141	Probing core polarization around $^{78}\text{Ni}$ : intermediate energy Coulomb excitation of $^{74}\text{Ni}$ . EPJ Web of Conferences, 2013, 63, 01021.	0.3	1
142	Toward the $N = 40$ sub-shell closure in Co isotopes and the new island of inversion. Physica Scripta, 2012, T150, 014034.	2.5	4
143	Response function of the magnetic spectrometer PRISMA for the multinucleon transfer reaction $^{40}\text{Ar} + ^{208}\text{Pb}$ . , 2012, , .		2
144	In-beam spectroscopy of $^{215}\text{Rn}$ and $^{86}\text{Rn}$ . Physical Review C, 2012, 86, .	2.9	5

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145	Stabilization of prolate deformation at high spin in $^{75}\text{Kr}$ . Physical Review C, 2012, 86, .	2.9	1
146	Reaction dynamics and nuclear structure of moderately neutron-rich Ne isotopes by heavy-ion reactions. Physical Review C, 2012, 85, .	2.9	17
147	High-spin structure of $^{95}\text{Pd}$ . Physical Review C, 2012, 86, .	2.9	5
148	$^{13}\text{S}$ spectroscopy of calcium nuclei around doubly magic $^{48}\text{Ca}$ using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	2.9	56
149	Spectroscopy of odd-mass cobalt isotopes toward the $^{61}\text{Co}$ subshell closure and shell-model description of spherical and deformed states. Physical Review C, 2012, 85, .	2.9	61
150	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
151	Discovery of a new isomeric state in $^{68}\text{Ni}$ : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	2.9	43
152	Multiple register synchronization with a high-speed serial link using the Aurora protocol. , 2012, , .		1
153	Graphical user interface for serial protocols through a USB link. , 2012, , .		1
154	$^{12}\text{I}$ decay of $^{102}\text{Y}$ produced in projectile fission of $^{238}\text{U}$ . Journal of Physics: Conference Series, 2012, 381, 012053.	0.4	1
155	Multinucleon transfer reactions: an overview of recent results. Journal of Physics: Conference Series, 2012, 366, 012016.	0.4	0
156	Spectroscopy of neutron-rich Co nuclei populated in the $^{70}\text{Zn}+^{238}\text{U}$ reaction. Journal of Physics: Conference Series, 2012, 381, 012082.	0.4	0
157	Study of the Order-to-Chaos transition in $^{174}\text{W}$ with the AGATA-Demonstrator. Journal of Physics: Conference Series, 2012, 366, 012045.	0.4	0
158	Design and test of a high-speed flash ADC mezzanine card for high-resolution and timing performance in nuclear structure experiments. , 2012, , .		3
159	Development of the control card for the digitizers of the second generation electronics of AGATA. , 2012, , .		5
160	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
161	Conceptual design and performance study for the first implementation of AGATA at the in-flight RIB facility of GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 297-312.	1.6	17
162	Structure of the As, Ge, Ga nuclei. Nuclear Physics A, 2012, 893, 1-12.	1.5	22

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163	Shape isomerism and shape coexistence effects on the Coulomb energy differences in the $N=Z$ nucleus $^{66}\text{As}$ and neighboring $T=1$ multiplets. <i>Physical Review C</i> , 2012, 85, .	2.9	11
164	High-spin structure in $^{40}\text{K}$ . <i>Physical Review C</i> , 2012, 86, .	2.9	7
165	High-spin structure and intruder excitations in $^{36}\text{Cl}$ . <i>Physical Review C</i> , 2012, 86, .	2.9	14
166	AGATA – Advanced GAMMA Tracking Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 668, 26-58.	1.6	378
167	Monte Carlo simulation of a single detector unit for the neutron detector array NEDA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 673, 64-72.	1.6	30
168	Response of AGATA segmented HPGe detectors to gamma-rays up to 15.1 MeV. , 2011, , .		0
169	Structure of $^{46}\text{Ti}$ at low excitation energy. <i>Physical Review C</i> , 2011, 84, .	2.9	3
170	Quasi-elastic reactions : an interplay of reaction dynamics and nuclear structure. <i>Journal of Physics: Conference Series</i> , 2011, 282, 012021.	0.4	1
171	Quasi-elastic reactions: an interplay of reaction dynamics and nuclear structure. <i>EPJ Web of Conferences</i> , 2011, 17, 03005.	0.3	1
172	Lifetime measurements in mirror nuclei $^{31}\text{S}$ and $^{31}\text{P}$ : A test for isospin mixing. <i>Journal of Physics: Conference Series</i> , 2011, 267, 012048.	0.4	6
173	Reaction dynamics and nuclear structure studies via deep inelastic collisions with heavy-ions: spin and parity assignment in $^{49}\text{Ca}$ . <i>Journal of Physics: Conference Series</i> , 2011, 312, 092037.	0.4	1
174	Isomers in neutron-rich lead isotopes populated via the fragmentation of $^{238}\text{U}$ at 1 GeV A. <i>Journal of Physics: Conference Series</i> , 2011, 312, 092026.	0.4	1
175	Compton imaging with AGATA and SmartPET for DESPEC. <i>Journal of Instrumentation</i> , 2011, 6, C12048-C12048.	1.2	2
176	Pair transfer processes probed at deep sub barrier energies. <i>EPJ Web of Conferences</i> , 2011, 17, 08004.	0.3	3
177	Evidence for a spin-aligned neutron-proton paired phase from the level structure of $^{92}\text{Pd}$ . <i>Nature</i> , 2011, 469, 68-71.	27.8	140
178	Background rejection capabilities of a Compton imaging telescope setup with a DSSD Ge planar detector and AGATA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 648, S131-S134.	1.6	2
179	Conceptual design and infrastructure for the installation of the first AGATA sub-array at LNL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 654, 88-96.	1.6	117
180	Response function of the magnetic spectrometer PRISMA. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	54

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181	Interaction position resolution simulations and in-beam measurements of the AGATA HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 96-109.	1.6	44
182	Probing the nature of particle-core couplings in $^{49}\text{Ca}$ with $\hat{I}^3$ spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	4.1	48
183	Beta delayed alpha emission from the neutron deficient rare earth isotopes [ <sup>152</sup> Tm and [ <sup>150</sup> Ho. , 2011, , .		0
184	Lifetime measurements in $^{63}\text{Co}$ and $^{65}\text{Co}$ . Physical Review C, 2011, 83, .	2.9	16
185	Coupling of the proton-hole and neutron-particle states in the neutron-rich $^{48}\text{K}$ isotope. Physical Review C, 2011, 84, .	2.9	9
186	Elastic, inelastic, and one-nucleon transfer processes in $^{48}\text{Ca}+^{64}\text{Ni}$ . Physical Review C, 2011, 84, .	2.9	20
187	Interplay between single-particle and collective excitations in argon isotopes populated by transfer reactions. Physical Review C, 2011, 84, .	2.9	53
188	Single and pair neutron transfers at sub-barrier energies. Physical Review C, 2011, 84, .	2.9	81
189	decay study of $^{150}\text{Er}$ . Synthesis of $^{150}\text{Er}$ through ( $^{127}\text{N}+^{127}\text{Mo}$ )=	2.9	11
190	through ( $^{127}\text{N}+^{127}\text{Mo}$ )=	2.9	24
191	relativistic collectivity in $^{54}\text{Fe}$ . Physical Review C, 2011, 83, .	2.9	6
192	Title is missing!. Acta Physica Polonica B, 2011, 42, 817.	0.8	7
193	Title is missing!. Acta Physica Polonica B, 2011, 42, 653.	0.8	4
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