

Anna Corsi

List of Publications by Year in descending order

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108
papers

2,422
citations

185998

28
h-index

223531

46
g-index

109
all docs

109
docs citations

109
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	A first glimpse at the shell structure beyond 54Ca: Spectroscopy of 55K, 55Ca, and 57Ca. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136953.	1.5	4
2	ray spectroscopy of low-lying yrast and non-yrast states in neutron-rich ^{94}Kr and ^{95}Kr . Physical Review C, 2022, 105, .	1.1	6
3	Border of the island of inversion: Unbound states in ^{29}Ne . Physical Review C, 2022, 105, .		2
4	Observation of a correlated free four-neutron system. Nature, 2022, 606, 678-682.	13.7	48
5	Shape Changes in the Mirror Nuclei ^{70}Kr and ^{70}Se . Physical Review Letters, 2022, 128, 082501.	2.9	15
6	Quasifree Neutron Knockout Reaction Reveals a Small s -Orbital Component in the Borromean Nucleus ^{11}Li . Physical Review Letters, 2022, 128, 082501.	2.9	42
7	First spectroscopic study of ^{51}Ar by the $(p,2p)$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136108.	1.5	5
8	The neutron dripline at $Z=4$: the case of $^{13,15}\text{Be}$. European Physical Journal A, 2021, 57, 1.	1.0	1
9	Manifestation of the Berry phase in the atomic nucleus ^{213}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	1.5	8
10	First spectroscopic study of ^{63}V at the ^{40}Ca target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	1.1	4
11	Spectroscopy of ^{41}Ca and ^{40}Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	2.9	11
12	Investigation of the ground-state spin inversion in the neutron-rich ^{98}Cd by two-nucleon removal. Physical Review C, 2021, 104, .	1.1	5
13	Shell evolution of ^{100}Cl isotopes. Physical Review C, 2021, 104, .	1.1	6
14	Shell evolution of ^{40}Ni isotones towards ^{60}Ca : First spectroscopy of ^{62}Ti . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135071.	1.5	32
15	Low-lying single-particle structure of ^{17}C and the ^{14}N sub-shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135939.	1.5	12
16	Surface Localization of the Dineutron in ^{11}Li . Physical Review Letters, 2020, 125, 252501.	2.9	36
17	Identification of an Oblate ^{92}K isomer of ^{94}K . Physical Review Letters, 2020, 125, 252501.	2.9	9
18	Spectroscopy of neutron-rich scandium isotopes. Journal of Physics: Conference Series, 2020, 1555, 012026.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Shape coexistence revealed in the $N=Z$ isotope ^{72}Kr through inelastic scattering. European Physical Journal A, 2020, 56, 1.	1.0	16
20	Shell structure of the neutron-rich isotopes ^{69}Co , ^{71}Co , ^{73}Co . Sequential Nature, 2020, 101, 101.	1.1	10
21	Review Letters, 2020, 125, 012501.	1.1	10

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#	ARTICLE	IF	CITATIONS
37	Inelastic scattering of neutron-rich Ni and Zn isotopes off a proton target. Physical Review C, 2018, 97, .	1.1	20
38	Production of light hypernuclei with light-ion beams and targets. Physical Review C, 2018, 98, .	1.1	10
39	Shape coexistence and isospin symmetry in $A \approx 70$ nuclei: Spectroscopy of the $T \approx 1$ nucleus ^{70}Kr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 441-446.	1.5	15
40	Spectroscopy of nuclei around Sn100 populated via two-neutron knockout reactions. Physical Review C, 2018, 97, .	1.1	5
41	Tracking with the MINOS Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 905, 138-148.	0.7	17
42	Spectroscopy of ^{25}Zr . Physical Review Letters, 2017, 118, 032501.	2.9	41
43	Strong coupling in the $N \approx 40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 392-396.	1.5	29
44	Signatures of triaxiality in low-spin spectra of ^{86}Ge . Journal of Physics: Conference Series, 2018, 1023, 012023.	0.3	0
45	Are There Signatures of Harmonic Oscillator Shells Far from Stability? First Spectroscopy of ^{110}Zr . Physical Review Letters, 2017, 118, 032501.	2.9	41
46	Operational Experience With the Readout System of the MINOS Vertex Tracker. IEEE Transactions on Nuclear Science, 2017, 64, 1494-1500.	1.2	4
47	Shell evolution beyond $Z = 28$ and $N = 50$: Spectroscopy of $^{81,82,83,84}\text{Zn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 492-497.	1.5	29
48	Triaxiality of neutron-rich ^{84}Ge from low-energy nuclear spectra. Physical Review C, 2017, 96, .	1.1	34
49	Low-lying structure and shape evolution in neutron-rich Se isotopes. Physical Review C, 2017, 95, .	1.1	28
50	Shape Evolution in Neutron-Rich Krypton Isotopes Beyond $N = 60$. Physical Review Letters, 2017, 118, 032501.	2.9	44
51	Relativistic Coulomb excitation of ^{88}Kr . Physical Review C, 2016, 94, .	1.1	5
52	Operational experience with the readout system of the MINOS vertex tracker. , 2016, , .		0
53	Collectivity of neutron-rich Cr and Fe toward $N=50$. EPJ Web of Conferences, 2016, 107, 03007.	0.1	1
54	Superdeformed and Triaxial States in ^{42}Ca . Physical Review Letters, 2016, 117, 062501.	2.9	39

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55	Charged particle decay of hot and rotating Mo88 nuclei in fusion-evaporation reactions. Physical Review C, 2016, 93, .	1.1	6
56	Experimental study of the knockout reaction mechanism using O at 60 MeV/nucleon. Physical Review C, 2016, 93, .	1.1	8
57	Inelastic scattering of $^{72,74}Ni$ off a proton target. Journal of Physics: Conference Series, 2016, 724, 012008.	0.3	0
58	Giant dipole resonance built on hot rotating nuclei produced during evaporation of light particles from the Mo88 compound nucleus. Physical Review C, 2015, 91, .	1.1	15
59	Extension of the N_{40} Island of Inversion towards N_{50} : Spectroscopy of Cr .	2.9	77
60	Physics Program at the RIBF with MINOS. , 2015, , .		0
61	Neutron-driven collectivity in light tin isotopes: Proton inelastic scattering from ^{104}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 451-455.	1.5	22
62	states in Zr populated via th	1.1	33
63	Isospin mixing at finite temperature in ^{80}Zr . EPJ Web of Conferences, 2014, 66, 02018.	0.1	0
64	New Isomers in the Neutron-Rich Region Beyond ^{208}Pb . EPJ Web of Conferences, 2014, 66, 02043.	0.1	0
65	Measurement of light charged particles in the decay channels of medium-mass excited compound nuclei. EPJ Web of Conferences, 2014, 66, 03090.	0.1	2
66	Measurement of dynamical dipole γ -ray emission in the N/Z-asymmetric fusion reaction $O^{16}+Sn^{116}$ at 12 MeV/nucleon. Physical Review C, 2014, 90, .	1.1	13
67	Intermediate-energy Coulomb excitation of ^{104}Sn : Moderate E -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	1.1	50
68	Intermediate-energy Coulomb excitation of ^{104}Sn : Moderate E -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	1.1	32
69	Isomeric decay spectroscopy of the ^{217}Bi isotope. Physical Review C, 2014, 90, .	1.1	8
70	MINOS: A vertex tracker coupled to a thick liquid-hydrogen target for in-beam spectroscopy of exotic nuclei. European Physical Journal A, 2014, 50, 1.	1.0	94
71	The PRESPEC liquid-hydrogen target for in-beam gamma spectroscopy of exotic nuclei at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 736, 81-87.	0.7	7
72	Dynamical Dipole and Equation of State in N/Z Asymmetric Fusion Reactions. EPJ Web of Conferences, 2014, 66, 03033.	0.1	0

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73	Pre-equilibrium $\hat{\pm}$ -particle emission as a probe to study $\hat{\pm}$ -clustering in nuclei. EPJ Web of Conferences, 2014, 66, 03028.	0.1	4
74	The readout electronics and data acquisition system of the MINOS vertex tracker. , 2014, , .		0
75	New $\hat{1/4}$ s isomers in the neutron-rich ^{210}Hg nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	1.5	18
76	Windowless thin solid-hydrogen target: CHyMENE. European Physical Journal A, 2013, 49, 1.	1.0	22
77	Towards the Determination of Superdeformation in $\hat{\text{sup}}\hat{\text{Ca}}$. Acta Physica Polonica B, 2013, 44, 617.	0.3	6
78	Global properties of K hindrance probed by the $\hat{1}^3$ decay of the warm rotating ^{174}W nucleus. Physical Review C, 2013, 88, .	1.1	11
79	Collectivity of light Ge and As isotopes. Physical Review C, 2013, 88, .	1.1	15
80	Limited Asymmetry Dependence of Correlations from Single Nucleon Transfer. Physical Review Letters, 2013, 110, 122503.	2.9	76
81	Evaporation-cost dependence in heavy-ion fragmentation. Physical Review C, 2013, 88, .	1.1	22
82	X-Ray Fluorescence from the Element with Atomic Number Z $\text{mo} = 120$. Physical Review Letters, 2012, 108, 122701.	2.9	36
83	Reaction dynamics and nuclear structure of moderately neutron-rich Ne isotopes by heavy-ion reactions. Physical Review C, 2012, 85, .	1.1	17
84	$\hat{1}^3$ spectroscopy of calcium nuclei around doubly magic ^{48}Ca using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	1.1	56
85	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.	2.9	56
86	Isospin mixing at finite temperature in ^{80}Zr . Journal of Physics: Conference Series, 2012, 381, 012045.	0.3	0
87	Measurements of Dynamical Dipole in isospin asymmetric fusion reactions. Journal of Physics: Conference Series, 2012, 366, 012018.	0.3	0
88	Study of the Order-to-Chaos transition in ^{174}W with the AGATA-Demonstrator. Journal of Physics: Conference Series, 2012, 366, 012045.	0.3	0
89	AGATA "Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.	0.7	378
90	Response of AGATA segmented HPGe detectors to gamma-rays up to 15.1 MeV. , 2011, , .		0

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91	Reaction dynamics and nuclear structure studies via deep inelastic collisions with heavy-ions: spin and parity assignment in ^{49}Ca . Journal of Physics: Conference Series, 2011, 312, 092037.	0.3	1
92	Isomers in neutron-rich lead isotopes populated via the fragmentation of ^{238}U at 1 GeV A. Journal of Physics: Conference Series, 2011, 312, 092026.	0.3	1
93	Conceptual design and infrastructure for the installation of the first AGATA sub-array at LNL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 88-96.	0.7	117
94	First feasibility experiment for the EXL project with prototype detectors at the ESR storage ring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, 77-84.	0.7	30
95	Probing the nature of particle-core couplings in ^{49}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.	1.5	48
96	Measurement of isospin mixing at a finite temperature in ^{80}Zr via giant dipole resonance decay. Physical Review C, 2011, 84, .	1.1	28
97	Symmetry energy effects on fusion cross sections. Physical Review C, 2011, 83, .	1.1	32
98	Elastic, inelastic, and one-nucleon transfer processes in $^{48}\text{Ca}+^{64}\text{Ni}$. Physical Review C, 2011, 84, .	1.1	20
99	Title is missing!. Acta Physica Polonica B, 2011, 42, 619.	0.3	2
100	Measurement of isospin mixing in ^{80}Zr at finite temperature. , 2011, , .		1
101	Reaction Dynamics And Nuclear Structure Via Deep Inelastic Collisions With Heavy-Ions: Search For Particle-Vibration Couplings in ^{49}Ca . , 2011, , .		0
102	Population Of Neutron Rich Nuclei Around ^{48}Ca With Deep Inelastic Collisions. , 2009, , .		1
103	Rotation and shape changes in ^{151}Tb . $\text{Tb} \rightarrow \text{Pb}$	1.1	8
104	Rotation and shape changes in ^{196}Pb . $\text{Pb} \rightarrow \text{Pb}$	1.1	5
105	FIRST FEASIBILITY STUDY FOR EXL WITH PROTOTYPE DETECTORS AT THE ESR AND DETECTOR SIMULATIONS. International Journal of Modern Physics E, 2009, 18, 524-530.	0.4	18
106	Excitation of the dynamical dipole in the charge asymmetric reaction $^{16}\text{O}+^{116}\text{Sn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 197-202.	1.5	30
107	Study of multi-nucleon transfer reactions with light nuclei. AIP Conference Proceedings, 2008, , .	0.3	0
108	Probing the Order-to-Chaos Region in Superdeformed ^{151}Tb . $\text{Tb} \rightarrow \text{Pb}$	2.9	15