

# Emmanuel Clement

## List of Publications by Year in descending order

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Version: 2024-02-01

152  
papers

3,446  
citations

147801

31  
h-index

161849

54  
g-index

154  
all docs

154  
docs citations

154  
times ranked

1579  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | An experimental view on shape coexistence in nuclei. Progress in Particle and Nuclear Physics, 2022, 124, 103931.   | 14.4 | 43        |
| 2  | New narrow resonances observed in the unbound nucleus $F^{15}$ . Physical Review C, 2022, 105, .  | 2.9  | 7         |
| 3  | Artificial neural networks for neutron $\hat{I}^3$ discrimination in the neutron detectors of NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 996, 164750.   | 1.6  | 15        |
| 4  | Pseudospin-doublet bands and Gallagher Moszkowski doublet bands in $Y^{100}$ . Physical Review C, 2021, 103, .  | 2.9  | 3         |
| 5  | Experimental Evidence for Common Driving Effects in Low-Energy Fission from Sublead to Actinides. Physical Review Letters, 2021, 126, 132502.   | 7.8  | 16        |
| 6  | Accessing tens-to-hundreds femtoseconds nuclear state lifetimes with low-energy binary heavy-ion reactions. European Physical Journal A, 2021, 57, 1.   | 2.5  | 6         |
| 7  | Evidence for enhanced neutron-proton correlations from the level structure of the $N^Z$ nucleus $Tc^{44}_{87}$ . Physical Review C, 2021, 104, .  | 2.9  | 2         |
| 8  | Coulomb and nuclear excitations of $Zn^{70}$ and $Ni^{68}$ at intermediate energy. Physical Review C, 2021, 104, .  | 2.9  | 2         |
| 9  | HeCTO: the $^3He$ Cryogenic Target of Orsay for direct nuclear reactions with radioactive ion beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1018, 165830. | 1.6  | 3         |
| 10 | Lifetime measurements in the even-even $Cd^{102}$ isotopes. Physical Review C, 2021, 104, .   | 2.9  | 12        |
| 11 | The MUGAST-AGATA-VAMOS campaign: Set-up and performances. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165743.  | 1.6  | 14        |
| 12 | Complete set of bound negative-parity states in the neutron-rich nucleus $N^{18}$ . Physical Review C, 2021, 104, .   | 2.9  | 6         |
| 13 | $Po^{212}$ : Shell-model multiplets rather than $\hat{I}^+$ -cluster states.  | 2.9  | 2         |
| 14 | Performance of the Advanced GAMMA Tracking Array at GANIL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 955, 163297.  | 1.6  | 10        |
| 15 | Low-lying single-particle structure of $^{17}C$ and the $N=14$ sub-shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135939.  | 4.1  | 12        |
| 16 | Low-lying electric dipole $\hat{I}^3$ -continuum for the unstable $^{62,64}Fe$ nuclei: Strength evolution with neutron number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135951.                       | 4.1  | 6         |
| 17 | Prompt-delayed $\hat{I}^3$ -ray spectroscopy of neutron-rich $In^{119,121}$ isotopes. Physical Review C, 2020, 102, .   | 2.9  | 3         |
| 18 | Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.  | 2.5  | 32        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | High-spin states above the isomers in neutron-rich iodine nuclei near $N=82$ . Physical Review C, 2020, 102, .   | 2.9 | 5         |
| 20 | Lifetime measurements of excited states in neutron-rich $Ti$ : Benchmarking effective shell-model interactions. Physical Review C, 2020, 102, .  | 4.1 | 16        |
| 21 | Pairing-quadrupole interplay in the neutron-deficient tin nuclei: First lifetime measurements of low-lying states in $^{106,108}Sn$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135474. | 2.5 | 4         |
| 22 | Benchmarking the PreSPEC@GSI experiment for Coulex-multipolarimetry on the $(p_{3/2}) \rightarrow (p_{1/2})$ spin-flip transition in $^{85}Br$ . European Physical Journal A, 2020, 56, 1.   | 2.9 | 14        |
| 23 | Scission configuration of $^{216}Po$ : Nuclear structure in neutron-rich nuclei: Lifetime measurements of second of $^{216}Po$ . Physical Review C, 2020, 101, .   | 2.9 | 14        |
| 24 | Testing $^{216}Po$ nuclear structure in neutron-rich nuclei: Lifetime measurements of second of $^{216}Po$ . Physical Review C, 2020, 101, .   | 7.8 | 24        |
| 25 | Use of the Self-Conjugate Nucleus $^{16}C$ and $^{16}O$ . Physical Review Letters, 2020, 124, 062501.  | 2.5 | 2         |
| 26 | Lifetimes of core-excited states in semi-magic $^{95}Rh$ . European Physical Journal A, 2020, 56, 1.   | 2.9 | 8         |
| 27 | Excitations of the magic $N=50$ neutron-core revealed in $^{81}Ga$ . Physical Review C, 2019, 100, .   | 4.1 | 6         |
| 28 | Evidence of octupole-phonons at high spin in $^{207}Pb$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134797.   | 7.8 | 20        |
| 29 | First Direct Measurement of Isotopic Fission-Fragment Yields of $U^{239}$ . Physical Review Letters, 2019, 123, 092503.  | 4.1 | 10        |
| 30 | Isospin dependence of electromagnetic transition strengths among an isobaric triplet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835.   | 2.5 | 13        |
| 31 | 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 | 8         |
| 32 | Pulse-Shape Analysis and position resolution in highly segmented HPGe AGATA detectors. European Physical Journal A, 2019, 55, 1.   | 2.9 | 18        |
| 33 | Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich $Sb$ isotopes. Physical Review C, 2019, 99, .  | 2.9 | 18        |
| 34 | Insight into excitation energy and structure effects in fission from isotopic information in fission yields. Physical Review C, 2019, 99, .  | 2.9 | 14        |
| 35 | Lifetime measurements in $Ti^{52,54}$ to study shell evolution toward $N=32$ . Physical Review C, 2019, 100, .   | 0.3 | 0         |
| 36 | Study of High-Energy Fission in Inverse Kinematics. EPJ Web of Conferences, 2019, 223, 01037.  |     |           |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Study of isomeric states in $^{198,200,202,206}\text{Pb}$ and $^{206}\text{Hg}$ populated in fragmentation reactions. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 035105.                        | 3.6 | 5         |
| 38 | Lifetimes of excited states in triaxially deformed $^{107}\text{Tc}$ and $^{109,111,113}\text{Rh}$ . European Physical Journal A, 2018, 54, 1.   | 2.5 | 9         |
| 39 | The AGATA Campaign at GANIL. Journal of Physics: Conference Series, 2018, 966, 012033.   | 0.4 | 0         |
| 40 | Evidence for Coexisting Shapes through Lifetime Measurements in $^{98}\text{Zr}$ .<br>$\frac{1}{T} \frac{dN}{dt} = -\lambda N$   | 7.8 | 34        |
| 41 | Region: A Hint from Lifetime Measurements. Physical Review Letters, 2018, 121, 192502.   | 7.8 | 20        |
| 42 | Lifetime measurement in neutron-rich $A \sim 100$ nuclei. EPJ Web of Conferences, 2018, 193, 05003.  | 0.3 | 0         |
| 43 | Experimental determination of reference pulses for highly segmented HPGe detectors and application to Pulse Shape Analysis used in $^{13}\text{B}$ -ray tracking arrays. European Physical Journal A, 2018, 54, 1. | 2.5 | 4         |
| 44 | Deformed band structures in neutron-rich $^{152}\text{Pm}$ $\epsilon$ - $^{158}$ isotopes. Physical Review C, 2018, 98, .  | 2.9 | 9         |
| 45 | S3 targets monitoring with an electron gun. AIP Conference Proceedings, 2018, , .  | 0.4 | 1         |
| 46 | The AGATA Campaigns at GSI and GANIL. Nuclear Physics News, 2018, 28, 16-19.   | 0.4 | 2         |
| 47 | 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         |
| 48 | Isotopic fission-fragment distributions of $^{238}\text{U}$ .<br>$U \rightarrow \text{Mg} + \text{Pu} + \dots$   | 2.9 | 38        |
| 49 | Conceptual design of the AGATA $^{23}\text{Mg}$ .<br>$\frac{1}{T} \frac{dN}{dt} = -\lambda N$  | 7.8 | 14        |
| 50 | overflow="scroll"> Conceptual design of the AGATA $^{23}\text{Mg}$ .<br>$\frac{1}{T} \frac{dN}{dt} = -\lambda N$   | 1.6 | 64        |
| 51 | Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. Physical Review C, 2017, 95, .  | 2.9 | 17        |
| 52 | Toward lifetime and factor measurements of short-lived states in the vicinity of $^{208}\text{Pb}$ . Physica Scripta, 2017, 92, 054004.  | 2.5 | 1         |
| 53 | reaction $^{61}\text{Fe}$ via the neutron transfer<br>$^{61}\text{Fe} + n \rightarrow \dots$   | 2.9 | 8         |
| 54 | Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, .   | 2.9 | 17        |

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|----|---|-----|-----------|
| 55 | Measurement of lifetimes in $^{62}\text{Zr}$ and $^{64}\text{Zr}$ . Physical Review Letters, 2017, 117, 082501.   | 2.9 | 9         |
| 56 | Prompt-delayed $^{61}\text{Zr}$ $\beta$ -ray spectroscopy with AGATA, EXOGAM and VAMOS++. European Physical Journal A, 2017, 53, 1.   | 2.5 | 23        |
| 57 | Performance of a gamma-ray tracking array: Characterizing the AGATA array using a $^{60}\text{Co}$ source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 872, 80-86.               | 1.6 | 6         |
| 58 | The impact of the intruder orbitals on the structure of neutron-rich Ag isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 403-408.   | 4.1 | 7         |
| 59 | Shape coexistence in neutron-rich strontium isotopes at $N = 60$ . Physica Scripta, 2017, 92, 084002.   | 2.5 | 4         |
| 60 | Experimental study of the lifetime and phase transition in neutron-rich $^{98}\text{Zr}$ and $^{100}\text{Zr}$ . Physical Review Letters, 2017, 117, 082501.  | 2.9 | 38        |
| 61 | Experimental study of the lifetime and phase transition in neutron-rich $^{98}\text{Zr}$ and $^{100}\text{Zr}$ . Physical Review Letters, 2017, 117, 082501.  | 2.9 | 38        |
| 62 | Boundary of the Island of Deformat. Physical Review Letters, 2017, 118, 162501.   | 7.8 | 31        |
| 63 | Evolution of triaxial shapes at large isospin: Rh isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 480-484.   | 4.1 | 20        |
| 64 | Excitation-energy influence at the scission configuration. EPJ Web of Conferences, 2017, 146, 04019.  | 0.3 | 2         |
| 65 | EXILL: a high-efficiency, high-resolution setup for $\beta$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.  | 1.2 | 39        |
| 66 | Isospin Symmetry Breaking in Mirror Nuclei $^{23}\text{Mg}$ - $^{23}\text{Na}$ . Acta Physica Polonica B, 2017, 48, 313.  | 0.8 | 6         |
| 67 | 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         |
| 68 | Study of Quadrupole Correlations in $N=Z=50$ Region via Lifetime Measurements. Acta Physica Polonica B, 2017, 48, 331.  | 0.8 | 3         |
| 69 | Dependence of Fission-Fragment Properties On Excitation Energy For Neutron-Rich Actinides. EPJ Web of Conferences, 2016, 111, 10001.  | 0.3 | 5         |
| 70 | Low-energy Coulomb excitation of $^{96}\text{Sr}$ and $^{98}\text{Sr}$ with $\alpha$ -particle beams. Physical Review C, 2016, 94, .  | 2.9 | 33        |
| 71 | Characterization of a gamma-ray tracking array: A comparison of GRETINA and Gammasphere using a $^{60}\text{Co}$ source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 836, 46-56. | 1.6 | 15        |
| 72 | Role of the $\beta$ Resonance in the Population of a Four-Nucleon State in the $^{56}\text{Fe} + ^{54}\text{Fe}$ Reaction at Relativistic Energies. Physical Review Letters, 2016, 117, 222302.   | 7.8 | 6         |

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|----|--|-----|-----------|
| 73 | Structural changes at large angular momentum in neutron-rich $^{112}\text{Cd}$ . Physical Review C, 2016, 93, .  | 2.9 | 9         |
| 74 | Structure of $^{80}\text{Te}$ and $^{132}\text{Sn}$ : The two-particle and two-hole spectrum of $^{82}\text{Sn}$ . Physical Review C, 2016, 93, .  | 2.9 | 19        |
| 75 | Coulomb excitation of $^{44}\text{Ca}$ . Spectroscopic Quadrupole Moments in $^{88}\text{Sr}$ . Physical Review C, 2016, 93, .   | 2.9 | 18        |
| 76 | Evidence for Shape Coexistence in Neutron-Rich Strontium Isotopes at $N=96$ and $N=98$ . Physical Review C, 2016, 93, .  | 2.9 | 79        |
| 77 | Analysis methods of safe Coulomb-excitation experiments with radioactive ion beams using the GOSIA code. European Physical Journal A, 2016, 52, 1.   | 2.5 | 48        |
| 78 | Performance of the AGATA $\text{I}^3$ -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        |
| 79 | Electromagnetic properties of neutron-rich nuclei adjacent to the $Z = 50$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 86-90.  | 4.1 | 22        |
| 80 | Lifetime Measurements of Excited States in Neutron-rich Fission Fragments. Acta Physica Polonica B, 2016, 47, 903.   | 0.8 | 0         |
| 81 | Identification of new transitions and mass assignments of levels in $^{143}\text{Pr}$ . Physical Review C, 2015, 92, .   | 2.9 | 13        |
| 82 | Pathway for the Production of Neutron-Rich Isotopes around the $N=126$ Shell Closure. Physical Review Letters, 2015, 115, 172503.  | 7.8 | 187       |
| 83 | Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. Physical Review C, 2015, 92, .   | 2.9 | 25        |
| 84 | Transfer-induced fission in inverse kinematics: Impact on experimental and evaluated nuclear data bases. European Physical Journal A, 2015, 51, 1.   | 2.5 | 6         |
| 85 | Analysis of the Response of AGATA Detectors at GSI. EPJ Web of Conferences, 2015, 93, 07007.   | 0.3 | 3         |
| 86 | High intensity targets stations for S3. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 761-767.  | 1.5 | 7         |
| 87 | Fission Yields of Minor Actinides at Low Energy Through Multi-nucleon Transfer Reactions of $^{238}\text{U}$ on $^{12}\text{C}$ . Acta Physica Polonica B, 2015, 46, 443.  | 0.8 | 3         |
| 88 | Shell evolution beyond $N=40$ . Physical Review C, 2015, 91, .   | 2.9 | 26        |
| 89 | Probing collectivity in Zn isotopes with one particle or hole outside the $N=40$ subshell closure. Physical Review C, 2015, 91, .  | 2.9 | 4         |
| 90 | Onset of collectivity in $^{96,98}\text{Sr}$ studied via Coulomb excitation. EPJ Web of Conferences, 2014, 66, 02021.  | 0.3 | 1         |

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|-----|---|-----|-----------|
| 91  | Study of the Neutron-rich Isotope $^{46}\text{Ar}$ Through Intermediate Energy Coulomb Excitation. Acta Physica Polonica B, 2014, 45, 199.  | 0.8 | 7         |
| 92  | Character of particle-hole excitations in $^{84}\text{Kr}$ . Physical Review C, 2014, 90, .   | 2.9 | 20        |
| 93  | $^{94}\text{Ru}$ deduced from $^{13}\text{C}$ -ray angular correlation and linear polarization measurements. Physical Review C, 2014, 89, .   | 2.9 | 18        |
| 94  | Experimental Study of the Two-Body Spin-Orbit Force in Nuclei. Physical Review Letters, 2014, 112, 042502.  | 7.8 | 46        |
| 95  | Transfer reactions in inverse kinematics: An experimental approach for fission investigations. Physical Review C, 2014, 89, .   | 2.9 | 48        |
| 96  | Spectroscopy of the neutron-deficient $N=50$ nucleus $^{95}\text{Rh}$ . Physical Review C, 2014, 89, .  | 2.9 | 6         |
| 97  | Towards the high spin $\pi$ -isospin frontier using isotopically-identified fission fragments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 136-140. Shape Coexistence in the Neutron-Deficient Even-Even $^{182}\text{Pt}$ . | 4.1 | 43        |
| 98  | Studied via Coulomb Excitation. Physical Review Letters, 2014, 112, 162701.   | 7.8 | 96        |
| 99  | Musett: A segmented Si array for Recoil-Decay-Tagging studies at VAMOS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 747, 69-80.  | 1.6 | 10        |
| 100 | Study of the multi-nucleon transfer reactions of $^{136}\text{Xe} + ^{198}\text{Pt}$ for producing exotic heavy nuclei. EPJ Web of Conferences, 2014, 66, 03044.  | 0.3 | 7         |
| 101 | Study of collisions of $^{136}\text{Xe} + ^{198}\text{Pt}$ for the KEK isotope separator. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 752-755.  | 1.4 | 20        |
| 102 | Isotopic Distributions of Fission Fragments from Transfer-induced Fission. Physics Procedia, 2013, 47, 125-130.   | 1.2 | 0         |
| 103 | The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.  | 2.5 | 126       |
| 104 | Lifetime Measurements of Zn Isotopes Around $^{40}\text{N}$ . Acta Physica Polonica B, 2013, 44, 375.   | 0.8 | 6         |
| 105 | Lifetime Measurements in Neutron-rich Cu Isotopes. Acta Physica Polonica B, 2013, 44, 505.  | 0.8 | 5         |
| 106 | Collective nature of low-lying excitations in $^{70}\text{Zn}$ , $^{72}\text{Zn}$ , $^{74}\text{Zn}$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .   | 2.9 | 50        |
| 107 | $^{9}\text{C}$ -ray linear polarization measurements and $^{13}\text{C}$ -ray alignment in $^{87}\text{Kr}$ . Physical Review C, 2013, 87, .  | 2.9 | 18        |
| 108 | Onset of collectivity in neutron-rich Sr and Kr isotopes: Prompt spectroscopy after Coulomb excitation at REX-ISOLDE, CERN. EPJ Web of Conferences, 2013, 62, 01003.  | 0.3 | 4         |

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|-----|---|------|-----------|
| 109 | Lifetime measurements on fission fragments in the A $\hat{\approx}$ 100 region. EPJ Web of Conferences, 2013, 62, 01002.  | 0.3  | 3         |
| 110 | Prolate shape of $^{140}\text{Ba}$ from a first combined Doppler-shift and Coulomb-excitation measurement at the REX-ISOLDE facility. Physical Review C, 2012, 86, .                                    | 2.9  | 15        |
| 111 | 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        |
| 112 | Cross sections for one-neutron knock-out from $^{37}\text{Ca}$ at intermediate energy. Physical Review C, 2012, 86, .   | 2.9  | 4         |
| 113 | Astrophysical ( $\hat{1}\pm, \hat{1}^3$ ) reaction in inverse kinematics; Electron screening effect in the beta-decay. Journal of Physics: Conference Series, 2012, 337, 012015.                        | 0.4  | 0         |
| 114 | First $^{72}\text{Zn}$ on neutron-rich $^{198}\text{Au}$ and the high-spin $^{72}\text{Zn}$ state in $^{72}\text{Zn}$ .   | 2.9  | 18        |
| 115 | New evidence for a shape transition between $^{74}\text{Zn}$ and $^{72}\text{Zn}$ .   | 2.9  | 17        |
| 116 | AGATA – Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.               | 1.6  | 378       |
| 117 | EXPERIMENTAL MEASUREMENT OF THE DEFORMATION THROUGH THE ELECTROMAGNETIC PROBE: SHAPE COEXISTENCE IN EXOTIC KR AND SR ISOTOPES. International Journal of Modern Physics E, 2011, 20, 415-421.            | 1.0  | 4         |
| 118 | Evidence for a spin-aligned neutron-proton paired phase from the level structure of $^{92}\text{Pd}$ . Nature, 2011, 469, 68-71.  | 27.8 | 140       |
| 119 | Coulomb excitation of $^{31}\text{Mg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 181-186.  | 4.1  | 22        |
| 120 | Lifetime measurements in $^{63}\text{Co}$ and $^{65}\text{Co}$ . Physical Review C, 2011, 83, .   | 2.9  | 16        |
| 121 | Title is missing!. Acta Physica Polonica B, 2011, 42, 829.  | 0.8  | 2         |
| 122 | Measurement of the inelastic branch of the stellar $^{14}\text{O}(p, n)^{14}\text{F}$ reaction occurring in the explosive burning in Novae and X-ray bursters. Nuclear Physics A, 2010, 834, 670c-672c. | 1.5  | 2         |
| 123 | Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .  | 2.9  | 109       |
| 124 | Study of $^{60}\text{Fe}(n, p)^{61}\text{Fe}$ reaction of astrophysical interest via $d(^{60}\text{Fe}, p)^{61}\text{Fe}$ indirect reaction. , 2010, , .  |      | 2         |
| 125 | Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei. , 2009, , .  |      | 4         |
| 126 | Transfer Reactions on Neutron-rich Nuclei at REX-ISOLDE. , 2009, , .  |      | 4         |



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|-----|--|-----|-----------|
| 127 | Measurement of the inelastic branch of the $O^{14}(\uparrow, p)F^{17}$ reaction: Implications for explosive burning in novae and x-ray bursters. <i>Physical Review C</i> , 2009, 80, 044601. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" < mml:mmultiscripts > < mml:mi mathvariant="normal" > Ar < /mml:mi > < mml:mprescripts / > < mml:none / > < mml:mrow > < mml:mn > 44 < /mml:mn > < /mml:mrow > < /mml:mmultiscripts > < /mml:math > | 2.9 | 21        |
| 128 | Onset of deformation in neutron-rich nuclei near $Z=44$ . <i>Physical Review Letters</i> , 2009, 102, 212501. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" < mml:mmultiscripts > < mml:mi > 43 < /mml:mi > < /mml:math >   | 2.9 | 26        |
| 129 | Ray Spectroscopy at the Limits: First Observation of Rotational Bands in $Z=43$ . <i>Physical Review Letters</i> , 2009, 102, 212501. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" < mml:mi > 43 < /mml:mi > < /mml:math >   | 7.8 | 34        |
| 130 | Low-energy Coulomb excitation of neutron-rich zinc isotopes. <i>Physical Review C</i> , 2009, 79, .  | 2.9 | 58        |
| 131 | Probing High-Velocity Transient-Field Strength Using Heavy-ions Traversing Fe and Gd. , 2009, , .  |     | 0         |
| 132 | A new device for combined Coulomb excitation and isomeric conversion electron spectroscopy with fast fragmentation beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 587, 292-299.   | 1.6 | 5         |
| 133 | Quadrupole collectivity of neutron-rich nuclei around $[sup 132]Sn$ . <i>AIP Conference Proceedings</i> , 2008, , .  | 0.4 | 3         |
| 134 | Coulomb Excitation of the $N=50$ nucleus $[sup 80]Zn$ . <i>AIP Conference Proceedings</i> , 2008, , .  | 0.4 | 0         |
| 135 | Spectroscopy of odd-proton nuclei in the region of $[sup 254]No$ . <i>AIP Conference Proceedings</i> , 2008, , .   | 0.4 | 0         |
| 136 | A review on SHE research at GANIL. <i>AIP Conference Proceedings</i> , 2007, , .   | 0.4 | 4         |
| 137 | RISING: Gamma-ray Spectroscopy with Radioactive Beams at GSI. <i>AIP Conference Proceedings</i> , 2007, , .  | 0.4 | 0         |
| 138 | Spectroscopy of the very neutron-deficient $[sup 189]Bi$ . <i>AIP Conference Proceedings</i> , 2007, , .   | 0.4 | 0         |
| 139 | Measurement of the Sign of the Spectroscopic Quadrupole Moment for the $21+ State$ in $Se^{70}$ : No Evidence for Oblate Shape. <i>Physical Review Letters</i> , 2007, 98, 072501.   | 7.8 | 52        |
| 140 | Observation of a Rotational Band in the Odd-Z Transfermium Nucleus $Md^{101}$ . <i>Physical Review Letters</i> , 2007, 98, 132503.   | 7.8 | 43        |
| 141 | Shape coexistence in neutron-deficient krypton isotopes. <i>Physical Review C</i> , 2007, 75, .  | 2.9 | 157       |
| 142 | Coulomb Excitation of Neutron-Rich Zn Isotopes: First Observation of the $21+ State$ in $Zn^{80}$ . <i>Physical Review Letters</i> , 2007, 99, 142501.   | 7.8 | 66        |
| 143 | Spectroscopy of neutron-deficient nuclei around $^{36}Ca$ . <i>European Physical Journal: Special Topics</i> , 2007, 150, 89-91.   | 2.6 | 6         |
| 144 | Shape coexistence in $^{74}Kr$ and $^{76}Kr$ . <i>European Physical Journal: Special Topics</i> , 2007, 150, 117-120.  | 2.6 | 5         |

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|-----|---|-----|-----------|
| 145 | Spectroscopy and single-particle structure of the odd- Z heavy elements 255Lr, 251Md and 247Es. European Physical Journal A, 2006, 30, 397-411.   | 2.5 | 87        |
| 146 | Spectroscopy of neutron-deficient nuclei around 36Ca. AIP Conference Proceedings, 2006, , .<br>Relativistic Coulomb excitation of neutron-rich 54,56,58Cr: On the pathway of magicity from  | 0.4 | 3         |
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