

# Oliver J Roberts

## List of Publications by Year in descending order

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116  
papers

9,486  
citations

136950

32  
h-index

36028

97  
g-index

118  
all docs

118  
docs citations

118  
times ranked

10330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	8.3	2,805
2	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	8.3	2,314
3	An Ordinary Short Gamma-Ray Burst with Extraordinary Implications: Fermi-GBM Detection of GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L14.	8.3	1,038
4	FERMI GBM OBSERVATIONS OF LIGO GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L6.	8.3	246
5	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	8.3	210
6	THE THIRD FERMI GBM GAMMA-RAY BURST CATALOG: THE FIRST SIX YEARS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 28.	7.7	191
7	The Fourth Fermi-GBM Gamma-Ray Burst Catalog: A Decade of Data. <i>Astrophysical Journal</i> , 2020, 893, 46.	4.5	175
8	A very-high-energy component deep in the $\hat{\Gamma}^3$ -ray burst afterglow. <i>Nature</i> , 2019, 575, 464-467.	27.8	166
9	Observation of inverse Compton emission from a long $\hat{\Gamma}^3$ -ray burst. <i>Nature</i> , 2019, 575, 459-463.	27.8	146
10	The generalized centroid difference method for picosecond sensitive determination of lifetimes of nuclear excited states using large fast-timing arrays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 726, 191-202.	1.6	81
11	Lightning leader altitude progression in terrestrial gamma-ray flashes. <i>Geophysical Research Letters</i> , 2015, 42, 7792-7798.	4.0	80
12	The Fermi-GBM gamma-ray burst time-resolved spectral catalog: brightest bursts in the first four years. <i>Astronomy and Astrophysics</i> , 2016, 588, A135.	5.1	80
13	Decay Half-Lives of Neutron-Rich $\hat{\Gamma}^3$ -Ray Bursts. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 726, 191-202.	1.6	68
14	Germanium-gated $\hat{\Gamma}^3$ fast timing of excited states in fission fragments using the EXILL&FATIMA spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 763, 210-220.	1.6	58
15	The spectroscopy of individual terrestrial gamma-ray flashes: Constraining the source properties. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,346.	2.4	57
16	The First Fermi-GBM Terrestrial Gamma Ray Flash Catalog. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4381-4401.	2.4	57
17	Lifetime measurements of the first $\hat{\Gamma}^3$ -ray burst. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 750, 448-452.	1.6	52
18	MAGNETAR-LIKE X-RAY BURSTS FROM A ROTATION-POWERED PULSAR, PSR J1119-6127. <i>Astrophysical Journal Letters</i> , 2016, 829, L25.	8.3	51

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19	Resonance in $^{13}\text{C}$ NMR spectra of $\text{C}_{60}$ and $\text{C}_{70}$ . <i>Physical Review Letters</i> , 1998, 81, 1040-1043.	7.8	50
20	A LaBr <sub>3</sub> : Ce fast-timing array for DESPEC at FAIR. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 748, 91-95.	1.6	50
21	THE WIND NEBULA AROUND MAGNETAR SWIFT J1834.9â€“0846. <i>Astrophysical Journal</i> , 2016, 824, 138.	4.5	50
22	The Fermi-GBM Gamma-Ray Burst Spectral Catalog: 10 yr of Data. <i>Astrophysical Journal</i> , 2021, 913, 60.	4.5	49
23	The ROSPHERE $\hat{\text{I}}^3$ -ray spectroscopy array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 837, 1-10.	1.6	48
24	The Ups and Downs of Accreting X-Ray Pulsars: Decade-long Observations with the Fermi Gamma-Ray Burst Monitor. <i>Astrophysical Journal</i> , 2020, 896, 90.	4.5	48
25	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9.	4.5	48
26	Burst Properties of the Most Recurring Transient Magnetar SGR J1935+2154. <i>Astrophysical Journal</i> , 2020, 893, 156.	4.5	45
27	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	7.7	44
28	Ground detection of terrestrial gamma ray flashes from distant radio signals. <i>Geophysical Research Letters</i> , 2016, 43, 8728-8734.	4.0	41
29	Experimental study of the lifetime and phase transition in neutron-rich $^{132}\text{Zr}$ . <i>Physical Review C</i> , 2017, 96, 014307.	2.9	38
30	Fermi/GBM View of the 2019 and 2020 Burst Active Episodes of SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 902, L43.	8.3	37
31	Rapid spectral variability of a giant flare from a magnetar in NGC 253. <i>Nature</i> , 2021, 589, 207-210.	27.8	36
32	Identification of a Local Sample of Gamma-Ray Bursts Consistent with a Magnetar Giant Flare Origin. <i>Astrophysical Journal Letters</i> , 2021, 907, L28.	8.3	33
33	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82.	4.5	32
34	Broadband X-ray burst spectroscopy of the fast-radio-burst-emitting Galactic magnetar. <i>Nature Astronomy</i> , 2021, 5, 408-413.	10.1	31
35	On the Interpretation of the Fermi-GBM Transient Observed in Coincidence with LIGO Gravitational-wave Event GW150914. <i>Astrophysical Journal Letters</i> , 2018, 853, L9.	8.3	30
36	Low Frequency Radio Pulses Produced by Terrestrial Gamma-Ray Flashes. <i>Geophysical Research Letters</i> , 2019, 46, 6990-6997.	4.0	30

#	ARTICLE	IF	CITATIONS
37	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019, 871, 1-10.	4.5	30
38	Shape transition at neutron number $N=60$ in $^{138}\text{Ba}$ . <i>Physical Review C</i> , 2014, 89, 044307.	2.9	29
39	FATIMA at FAIR: Fast Timing Array for DESPEC at FAIR. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 969, 163967.	1.6	29
40	Shape coexistence at the proton drip-line: First identification of excited states in $^{180}\text{Pb}$ . <i>Physical Review C</i> , 2010, 82, 044307.	2.9	28
41	Fermi GBM Observations of GRB 150101B: A Second Nearby Event with a Short Hard Spike and a Soft Tail. <i>Astrophysical Journal Letters</i> , 2018, 863, L34.	8.3	28
42	Localisation of gamma-ray interaction points in thick monolithic CeBr <sub>3</sub> and LaBr <sub>3</sub> :Ce scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 844, 81-89.	1.6	27
43	Synchrotron cooling in energetic gamma-ray bursts observed by the Fermi Gamma-Ray Burst Monitor. <i>Astronomy and Astrophysics</i> , 2015, 573, A81.	5.1	26
44	Very High Frequency Radio Emissions Associated With the Production of Terrestrial Gamma-Ray Flashes. <i>Geophysical Research Letters</i> , 2018, 45, 2097-2105.	4.0	26
45	Characteristics of Radio Emissions Associated With Terrestrial Gamma-Ray Flashes. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5933-5948.	2.4	26
46	Electromagnetic transition rates in the $^{80}\text{Zr}$ nucleus. <i>Physical Review C</i> , 2013, 87, 044307.	2.9	25
47	Long-lived K isomer and enhanced $\hat{I}^3$ vibration in the neutron-rich nucleus $^{172}\text{Dy}$ : Collectivity beyond double midshell. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 356, 641-646.	4.1	24
48	Fermi-GBM GRBs with Characteristics Similar to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 876, 89.	4.5	24
49	Evaluation of Automated Fermi GBM Localizations of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2020, 895, 40.	4.5	24
50	Shape evolution in the neutron-rich osmium isotopes: Prompt $\hat{I}^3$ -ray spectroscopy of $^{188}\text{Os}$ . <i>Physical Review C</i> , 2014, 90, 044307.	2.9	23
51	Performance of a monolithic LaBr <sub>3</sub> :Ce crystal coupled to an array of silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 810, 107-119.	1.6	23
52	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. <i>Astrophysical Journal</i> , 2017, 847, 54.	4.5	23
53	Half-life of the yrast $2^+$ state in $^{188}\text{W}$ : Evolution of deformation and collectivity in neutron-rich tungsten isotopes. <i>Physical Review C</i> , 2013, 88, 044307.	2.9	21
54	Analysis of Sub-threshold Short Gamma-Ray Bursts in Fermi GBM Data. <i>Astrophysical Journal</i> , 2018, 862, 152.	4.5	21

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55	Analysis of Individual Terrestrial Gamma-Ray Flashes With Lightning Leader Models and Fermi Gamma-Ray Burst Monitor Data. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7170-7183.	2.4	21
56	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mi} \rangle$ in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Kr} \langle \text{mml:mi} \rangle \langle \text{mml:mpresc} \rangle$ . <i>Physical Review C</i> , 2014, 90, .	2.9	20
57	K-mixing in the doubly mid-shell nuclide $^{170}\text{Dy}$ and the role of vibrational degeneracy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 404-408.	4.1	20
58	Full-shell x-ray optics development at NASA Marshall Space Flight Center. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	17
59	Compton scattering in terrestrial gamma-ray flashes detected with the Fermi gamma-ray burst monitor. <i>Physical Review D</i> , 2014, 90, .	4.7	16
60	A Wolter imager on the Z machine to diagnose warm x-ray sources. <i>Review of Scientific Instruments</i> , 2018, 89, 10G115.	1.3	16
61	Shape evolution of neutron-rich $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Mo} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 106 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 108 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 110 \langle \text{mml:mn} \rangle$ isotopes in the transitional degree of freedom. <i>Physical Review C</i> , 2020, 101, .	2.9	16
62	Giant dipole resonance built on hot rotating nuclei produced during evaporation of light particles from the $^{88}\text{Mo}$ compound nucleus. <i>Physical Review C</i> , 2015, 91, .	2.9	15
63	Terrestrial gamma ray flashes due to particle acceleration in tropical storm systems. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3374-3395.	3.3	15
64	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	8.3	15
65	Gamma-Ray and Radio-Frequency Radiation from Thunderstorms Observed from Space and Ground. <i>Scientific Reports</i> , 2020, 10, 7286.	3.3	15
66	Lifetime of the yrast $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{I} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{I} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Pt}$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle$ in the transitional nucleus $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{Pt}$ $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{Pt}$ spectroscopy of the neutron-rich platinum isotope $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pt} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 200 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle$	2.9	12
67	spectroscopy of the neutron-rich platinum isotope $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pt} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 200 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle$ toward the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle$	2.9	12
68	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020, 893, 100.	4.5	12
69	Precision Lifetime Measurements Using $\text{LaBr}_3$ Detectors With Stable and Radioactive Beams. <i>EPJ Web of Conferences</i> , 2013, 63, 01008.	0.3	11
70	Development of glass-ceramic scintillators for gamma-ray astronomy. <i>Journal of Physics: Conference Series</i> , 2015, 620, 012002.	0.4	11
71	Test of the $\text{SO}(6)$ selection rule in $^{196}\text{Pt}$ using cold-neutron capture. <i>Nuclear Physics A</i> , 2015, 934, 1-7.	1.5	11
72	Design and raytrace simulations of a multilayer-coated Wolter x-ray optic for the Z machine at Sandia National Laboratories. <i>Review of Scientific Instruments</i> , 2018, 89, 10G113.	1.3	10

#	ARTICLE	IF	CITATIONS
73	Growth of trigonal gadolinium fluoride in a glass-ceramic for scintillation and optical applications. Journal of the European Ceramic Society, 2018, 38, 4739-4748.	5.7	10
74	Half-life Measurements of Excited States in $^{132}\text{Te}$ , $^{134}\text{Te}$ , $^{132}\text{Xe}$ , and $^{134}\text{Xe}$ . Acta Physica Polonica B, 2013, 44, 403.	0.8	9
75	boundary of the $^{90}\text{Zr}$ shape phase transition: $^{90}\text{Zr}$	2.9	88
76	Gamma-ray Spectroscopy in the Vicinity of $^{108}\text{Zr}$ . Acta Physica Polonica B, 2015, 46, 721.	0.8	8
77	$^{40}\text{K}$ selection in the decay of the $^{40}\text{K}$		

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91	BURST AND OUTBURST CHARACTERISTICS OF MAGNETAR 4U 0142+61. <i>Astrophysical Journal</i> , 2017, 835, 68.	4.5	4
92	PROBING THE $^{12}\text{C}$ - $^{12}\text{C}$ AND $^{12}\text{C}$ - $^{16}\text{O}$ MOLECULAR STATES BY RADIATIVE CAPTURE REACTIONS: PRESENT STATUS AND FUTURE. <i>International Journal of Modern Physics E</i> , 2011, 20, 793-796.	1.0	3
93	Isomer Spectroscopy of Neutron-rich $^{165,167}\text{Tb}$ . <i>Acta Physica Polonica B</i> , 2017, 48, 601.	0.8	3
94	Status of the EURICA Project After One Year at RIKEN. , 2014, , .		3
95	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40.	4.5	3
96	Title is missing!. <i>Acta Physica Polonica B</i> , 2011, 42, 729.	0.8	2
97	$^7\text{Li}$ -induced reactions for fast-timing with $\text{LaBr}_3\text{:Ce}$ detectors. , 2012, , .		2
98	Isomer spectroscopy of neutron-rich $^{168}\text{Tb}$ . <i>Radiation Physics and Chemistry</i> , 2017, 140, 493-496.	2.8	2
99	Isomeric and $\hat{I}^2$ -decay spectroscopy of $^{173,174}\text{Ho}$ . <i>Physical Review C</i> , 2020, 102, .	2.9	2
100	Title is missing!. <i>Acta Physica Polonica B</i> , 2011, 42, 721.	0.8	1
101	Development of a fast-timing $\text{LaBr}_3\text{(Ce)}$ array for NuSTAR. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012124.	0.4	1
102	Heavy rotation $\hat{\alpha}^{\text{rot}}$ evolution of quadrupole collectivity centred at the neutron-rich doubly mid-shell nucleus $^{170}\text{Dy}$ . <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
103	$\hat{I}^2$ Decay Half-Lives of $^A_{Z} \hat{\alpha}^{1/4}$ 110 Nuclei on the $r$ -Process Path. , 2015, , .		1
104	Nuclear Structure at the Extremes; In-beam $\hat{I}^3$ -ray Spectroscopy of $^{180}\text{Pb}$ . , 2011, , .		0
105	Electromagnetic Transition Rate Measurements in the $N=80$ Isotone, $^{138}\text{Ce}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012057.	0.4	0
106	Development of a $\text{LaBr}_3\text{(Ce)}$ Fast-timing Array for FAIR. <i>EPJ Web of Conferences</i> , 2013, 63, 01018.	0.3	0
107	Study of shape transition in the neutron-rich Os isotopes. <i>EPJ Web of Conferences</i> , 2014, 66, 02057.	0.3	0
108	First results of the $(n, \hat{I}^3)$ EXILL campaigns at the Institut Laue Langevin using EXOGAM and FATIMA. <i>Journal of Physics: Conference Series</i> , 2014, 533, 012026.	0.4	0

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109	Applications of Novel Scintillators for Research and Industry (ANSRI 2015). Journal of Physics: Conference Series, 2015, 620, 011001.	0.4	0
110	Shape Evolution in Neutron-Rich Ru Nuclei. , 2015, , .		0
111	Isomer-delayed gamma-ray spectroscopy of neutron-rich $^{166}\text{Tb}$ . EPJ Web of Conferences, 2017, 146, 10009.	0.3	0
112	The boundary of the N=90 shape phase transition: $^{148}\text{Ce}$ . Journal of Physics: Conference Series, 2018, 1023, 012022.	0.4	0
113	Lifetime measurement in neutron-rich A~100 nuclei. EPJ Web of Conferences, 2018, 193, 05003.	0.3	0
114	$^{\hat{2}}\text{-}^{\hat{3}}$ and isomeric decay spectroscopy of $^{168}\text{Dy}$ . EPJ Web of Conferences, 2018, 178, 02023.	0.3	0
115	Radio Frequency Emissions Associated With Multi-Pulsed Terrestrial Gamma-Ray Flashes. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA027928.	2.4	0
116	Half-Life Measurements of $(2_{1}^{+})$ States in the Vicinity of $^{108}\text{Zr}$ and their Implications for Ground-State Deformations. , 2015, , .		0