

# Jan Taprogge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2369260/publications.pdf>

Version: 2024-02-01

78  
papers

1,583  
citations

331670

21  
h-index

330143

37  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical aspects on the use of single-time-point dosimetry for radionuclide therapy. Physics in Medicine and Biology, 2022, 67, 025003.	3.0	16
2	Iodine-131 and Iodine-131-Meta-iodobenzylguanidine Dosimetry in Cancer Therapy. Seminars in Nuclear Medicine, 2022, 52, 167-177.	4.6	7
3	Recommendations for Multicentre Clinical Trials Involving Dosimetry for Molecular Radiotherapy. Clinical Oncology, 2021, 33, 131-136.	1.4	10
4	Adjustment of the iodine ICRP population pharmacokinetic model for the use in thyroid cancer patients after thyroidectomy. Journal of Radiological Protection, 2021, 41, 1034-1044.	1.1	10
5	A Systematic Review and Meta-Analysis of the Relationship Between the Radiation Absorbed Dose to the Thyroid and Response in Patients Treated with Radioiodine for Graves' Disease. Thyroid, 2021, 31, 1829-1838.	4.5	12
6	Transition strengths in the neutron-rich Ni73,74,75 isotopes. Physical Review C, 2020, 102, .	2.9	7
7	Evolution of proton single-particle states in neutron-rich Sb isotopes beyond N=82. Physical Review C, 2020, 102, .	2.9	4
8	Evolution of the $\beta$ -decay of $^{75}\text{Ni}$ and the systematics of the low-lying level structure of neutron-rich odd- $Z$ Cu isotopes. Physical Review C, 2020, 101, .	2.9	4
9	Evolution of the $\beta$ -decay of $^{106}\text{Mo}$ and $^{108}\text{Mo}$ isotopes in the triaxial degree of freedom. Physical Review C, 2020, 101, .	2.9	16
10	Search for proton emission of the isomeric $^{10^+}$ state in $^{54}\text{Ni}$ . European Physical Journal A, 2020, 56, 1.	2.5	1
11	Setting up a quantitative SPECT imaging network for a European multi-centre dosimetry study of radioiodine treatment for thyroid cancer as part of the MEDIRAD project. EJNMMI Physics, 2020, 7, 61.	2.7	23
12	Hybrid Imaging in conventional nuclear medicine. , 2020, , .		0
13	Properties of $^{100}\text{Sn}$ -decaying isomers in the fragmentation of a $^{100}\text{Sn}$ region populated in	2.9	9
14	Compartmental Model for $^{223}\text{Ra}$ -Dichloride in Patients With Metastatic Bone Disease From Castration-Resistant Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, 884-892.	0.8	20
15	Characterisation of the attenuation properties of 3D-printed tungsten for use in gamma camera collimation. EJNMMI Physics, 2019, 6, 1.	2.7	19
16	Proton Shell Evolution below $^{132}\text{Sn}$ : First Measurement of Low-Lying $^{132}\text{Sn}$ -Emitting Isomers in	7.8	17
17	New isomers in $^{125}\text{Pd}$ and $^{127}\text{Pd}$ : Competing proton and neutron excitations in neutron-rich palladium nuclides towards the $N=Z=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 263-268.	4.1	5
18	Toward the limit of nuclear binding on the N=Z line: Spectroscopy of $^{96}\text{Cd}$ . Physical Review C, 2019, 99, .	2.9	9

#	ARTICLE	IF	CITATIONS
19	Physics aspects of setting up a multicenter clinical trial involving internal dosimetry of radioiodine treatment of differentiated thyroid cancer. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2019, 63, 271-277.	0.7	15
20	Properties of $\gamma$ -decaying Isomers in the $^{100}\text{Sn}$ Region Revisited. Acta Physica Polonica B, 2019, 50, 431.	0.8	1
21	Beta-gamma spectroscopy of the neutron-rich $^{150}\text{Ba}$ . Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	1
22	Observation of New Neutron-rich Isotopes among Fission Fragments from In-flight Fission of $^{238}\text{U}$ : Search for New Isotopes Conducted Concurrently with Decay Measurement Campaigns. Journal of the Physical Society of Japan, 2018, 87, 014203.	1.6	25
23	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
24	Is seniority a partial dynamic symmetry in the first $i_{7/2}^{\pm}$ shell?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 706-712.	4.1	21
25	The role of core excitations in the structure and decay of the $16+$ spin-gap isomer in $^{96}\text{Cd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 474-479.	4.1	15
26	$^{94}\text{Zr}$ $\beta$ -Decay Half-Lives of Neutron-Rich $^{135}\text{Cs}$ $\beta$ -Decay Half-Lives of Neutron-Rich $^{135}\text{Cs}$ $\beta$ -Decay Half-Lives of Neutron-Rich $^{135}\text{Cs}$ $\beta$ -Decay Half-Lives of Neutron-Rich $^{135}\text{Cs}$	3.6	68
27	Type II shell evolution in $A = 70$ isobars from the $N = 40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 328-333.	4.1	33
28	$^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$	2.9	15
29	$^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$ spectroscopy of $^{159}\text{Dy}$	2.9	15

#	ARTICLE	IF	CITATIONS
37	Relativistic Coulomb excitation of $^{88}\text{Kr}$ . Physical Review C, 2016, 94, .	2.9	5
38	Isomers of $^{158}\text{Nd}$ . Physical Review C, 2016, 93, .	2.9	22
39	Revision and extension of the level scheme of $^{130}\text{Cd}$ . Physical Review C, 2016, 93, .	2.9	17
40	Low-lying excitations in $^{132}\text{Ni}$ . Physical Review C, 2016, 93, .	2.9	24
41	Excited states south-east of $^{132}\text{Sn}$ . Physical Review C, 2016, 93, .	2.9	19
42	$\beta^2$ -decay spectroscopy of neutron-rich $^{160,161,162}\text{Sm}$ isotopes. EPJ Web of Conferences, 2016, 123, 02002.	0.3	3
43	Decay spectroscopy of $^{160}\text{Sm}$ : The lightest four-quasiparticle K isomer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 182-186.	4.1	25
44	First Results on the Excited States in $^{77}\text{Cu}$ . Acta Physica Polonica B, 2016, 47, 889.	0.8	2
45	Lifetime measurements of the first $2^+$ states in $^{104,106}\text{Zr}$ : Evolution of ground-state deformations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	0.3	2
46	Decay properties of $^{68,69,70}\text{Mn}$ : Probing collectivity up to $N = 44$ in Fe isotopic chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 107-112.	4.1	17
47	$\beta^2$ decay of $^{129}\text{Cd}$ and excited states in $^{129}\text{In}$ . Physical Review C, 2015, 91, .	2.9	20
48	Existence of a $^{134}\text{Ni}$ isomer. Physical Review C, 2015, 91, .	2.9	18
49	Isomers of Pm Isotopes on the Neutron-Rich Frontier of the Deformed $Z \sim 60$ Region. , 2015, , .		1
50	Study of ground and excited state decays in $^{76}\text{Zn}$ nuclei. EPJ Web of Conferences, 2015, 93, 01024.	0.3	8
51	Gamma-ray Spectroscopy in the Vicinity of $^{108}\text{Zr}$ . Acta Physica Polonica B, 2015, 46, 721.	0.8	8
52	Decay Half-Lives of 110 Neutron-Rich Nuclei across the Shell Gap: Implications for the Mechanism and Universality of the Astrophysical $r$ -Process. Physical Review C, 2015, 91, .	7.8	167
53	Isomeric Ratios in $^{206}\text{Hg}$ . Acta Physica Polonica B, 2015, 46, 601.	0.8	3
54	Publisher's Note: Isospin symmetry in the shell: Transition strengths in the neutron-deficient shell nucleus $^{33}\text{Ar}$ [Phys. Rev. C90, 054301 (2014)]. Physical Review C, 2015, 91, .	2.9	0

#	ARTICLE	IF	CITATIONS
55	Beta decay and isomer spectroscopy in the $^{132}\text{Sn}$ region: New results from EURICA. Journal of Physics: Conference Series, 2014, 533, 012045.	0.4	0
56	Isomer Decay Spectroscopy of $^{164}\text{Sm}$ and $^{164}\text{Gd}$ via the detection of $\gamma$ rays. Journal of Physics: Conference Series, 2014, 533, 012043.	7.8	50
57	Isomeric states in neutron-rich $^{129}\text{In}$ and the $\tilde{\nu}_{g_7/2}^{-}$ multiplet. Journal of Physics: Conference Series, 2014, 533, 012043.	4.1	22
58	$\hat{I}^2$ -decay spectroscopy at RIBF: The EURICA project. , 2014, , .		3
59	$\hat{I}^2$ -decay of neutron-rich $Z\approx 46$ nuclei and the origin of rare earth elements. , 2014, , .		8
60	Isomeric states in neutron-rich $^{129}\text{In}$ and the $\tilde{\nu}_{g_7/2}^{-}$ multiplet. Journal of Physics: Conference Series, 2014, 533, 012043.	0.4	1
61	Isospin symmetry in the sd shell: Transition strengths in the neutron-deficient sd shell nucleus $^{33}\text{Ar}$ . Physical Review C, 2014, 90, .	2.9	6
62	Coulomb excitation of $^{29}\text{Na}$ and $^{30}\text{Na}$ : Mapping the borders of the island of inversion. Physical Review C, 2014, 89, .	2.9	16
63	Proton-Hole State in $^{136}\text{Sn}$ . Physical Review Letters, 2014, 112, .	7.8	51
64	Seniority Isomers of $^{138}\text{Sn}$ . Physical Review Letters, 2014, 112, .	7.8	75
65	$\hat{I}^2$ -Decay Half-Lives of $^{132}\text{Sn}$ . Physical Review Letters, 2014, 112, .	7.8	24
66	Isomer and beta decay spectroscopy in the $^{132}\text{Sn}$ region with EURICA. EPJ Web of Conferences, 2014, 66, 02040.	7.8	103
67	Isomer and beta decay spectroscopy in the $^{132}\text{Sn}$ region with EURICA. EPJ Web of Conferences, 2014, 66, 02040.	0.3	0
68	Analysis and results of the $^{104}\text{Sn}$ Coulomb excitation experiment. Journal of Physics: Conference Series, 2014, 533, 012047.	0.4	0
69	Status of the EURICA Project After One Year at RIKEN. , 2014, , .		3
70	Systematic Study of $\hat{I}^2$ -Decay Half-Lives in the Vicinity of $^{78}\text{Ni}$ . , 2014, , .		0
71	Installation and commissioning of EURICA at Euroball-RIKEN Cluster Array. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 649-652.	1.4	121
72	Evidence for a Robust Shell Closure at $Z=28$ . Physical Review Letters, 2014, 112, .	7.8	67

#	ARTICLE	IF	CITATIONS
73	The Lundâ€“Yorkâ€“Cologne Calorimeter (LYCCA): Concept, design and prototype developments for a FAIR-NUSTAR detector system to discriminate relativistic heavy-ion reaction products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 990.	1.6	33
74	Coulomb Excitation of $^{104}\text{Sn}$ and the Strength of the $^{104}\text{Sn}$ Shell Closure. Physical Review Letters, 2011, 106, 242701.	7.8	60
75	Shape evolution in $^{116,118}\text{Ru}$ : Triaxiality and transition between the O(6) and U(5) dynamical symmetries. Physical Review C, 2013, 88, .	2.9	21
76	Coulomb excitation of $^{107}\text{In}$ . Physical Review C, 2013, 87, .	2.9	5
77	Excitation strengths in $^{109}\text{Sn}$ : Single-neutron and collective excitations near $^{109}\text{Sn}$ . Physical Review C, 2012, 86, .	2.9	14
78	Coulomb excitation of $^{107}\text{Sn}$ . European Physical Journal A, 2012, 48, 1.	2.5	14