

# Tobias Beck

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

412  
citations

1040056

9  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric and magnetic dipole strength in Zn66. Physical Review C, 2021, 103, .	2.9	4
2	Role of Chiral Two-Body Currents in $^6\text{Li}$ decay characteristics of the $^6\text{Li}$ scissors mode of $^6\text{Li}$ . Physical Review Letters, 2021, 126, 102501.	7.8	10
3	Dipole response in Te128,130 below the neutron threshold. Physical Review C, 2021, 103, .	2.9	10
4	Structure of high-lying levels populated in the $^{96}\text{Y} \rightarrow ^{96}\text{Zr} \rightarrow ^{96}\text{Zr} \rightarrow ^{96}\text{Zr}$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136569.	4.1	5
5	Majorana parameters of the interacting boson model of nuclear structure and their implication for $^0_0\hat{1}^2$ decay. Physical Review C, 2021, 104, .	2.9	1
6	SORCERER: A novel particle-detection system for transfer-reaction experiments at ROSPHERE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 951, 163090.	1.6	4
7	Photo response of Dy164. Physical Review C, 2020, 102, .	2.9	7
8	$\hat{1}^2\text{K}=0$ M1 Excitation Strength of the Well-Deformed Nucleus Dy164 from K Mixing. Physical Review Letters, 2020, 125, 092501.	7.8	5
9	Firm spin and parity assignments for high-lying, low-spin levels in stable Si isotopes. European Physical Journal A, 2020, 56, 1.	2.5	1
10	Valence-shell dependence of the pygmy dipole resonance: strength difference in $^{\text{Cr}}$ Experimental response of $^{\text{Ar}}$ as a benchmark for neutrino-nucleus scattering calculations. Physical Review C, 2019, 100, .	2.9	13
11	Symmetry and order in nuclear structure originating from the proton-neutron degree of freedom. AIP Conference Proceedings, 2019, .	0.4	1
12	The concept of nuclear photon strength functions: A model-independent approach via $(\hat{1}^2\hat{1}^2, \hat{1}^2\hat{1}^2 \rightarrow \hat{1}^2\hat{1}^2)$ reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 225-230.	4.1	30
13	Data on the structural coexistence in the $^{96}\text{Zr}$ nucleus. European Physical Journal A, 2019, 55, 1.	2.5	12
14	Excitation energy dependence of the moments of inertia of well deformed nuclei. Physical Review C, 2019, 99, .	2.9	0
15	Low-lying dipole strength in the well-deformed nucleus $^{156}\text{Gd}$ . Nuclear Physics A, 2019, 987, 79-89.	1.5	15
16	Nuclear structure of $^{82}\text{Kr}$ and $^{82}\text{Se}$ relevant for neutrinoless double-beta decay. EPJ Web of Conferences, 2018, 194, 02004.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Probing the E2 properties of the scissors mode with real photons. EPJ Web of Conferences, 2018, 178, 02022.	0.3	0
20	Shell Evolution and E2 Collectivity: New Spectroscopic Information. EPJ Web of Conferences, 2018, 178, 02007.	0.3	3
21	$E_2$ decay strength of the $M_1$ scissors mode of $Gd$	7.8	25
22	Magnetic dipole excitations of $Cr$ at $50$ MeV. Physical Review C, 2016, 93, .	7.8	25
23	$Ni$ at $68$ MeV $600$	7.8	229