

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	Search for the Pygmy Dipole Resonance in ^{68}Ni . http://www.w3.org/1998/Math/MathML Ni 68 at ^{68}Ni . http://www.w3.org/1998/Math/MathML 600 MeV. http://www.w3.org/1998/Math/MathML 600 MeV.	7.8	229
2	The concept of nuclear photon strength functions: A model-independent approach via $(\hat{1}^3\hat{\alpha}^+, \hat{1}^3\hat{\alpha}^{\pm 2}\hat{1}^3\hat{\alpha}^{\pm 3})$ reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 225-230.	4.1	30
3	Magnetic dipole excitations of ^{50}Cr . http://www.w3.org/1998/Math/MathML 50 . Physical Review C, 2016, 93, .	2.9	25
4	E_{2^+} decay strength of the ^{50}Cr scissors mode of ^{50}Cr . http://www.w3.org/1998/Math/MathML 50 54 .	7.8	25
5	Low-lying dipole strength in the well-deformed nucleus ^{156}Gd . Nuclear Physics A, 2019, 987, 79-89.	1.5	15
6	Valence-shell dependence of the pygmy dipole resonance: strength difference in ^{50}Cr . http://www.w3.org/1998/Math/MathML 50 54 .	2.9	13
7	Data on the structural coexistence in the ^{96}Zr nucleus. European Physical Journal A, 2019, 55, 1.	2.5	12
8	Role of Chiral Two-Body Currents in ^{6}Li . http://www.w3.org/1998/Math/MathML 6 .	7.8	10
9	Magnetic Properties in Light of a New Precision Measurement with the Relative Self-Absorption Technique. Physical Review Letters, 2021, 126, 102501.		
9	Dipole response in $^{128,130}\text{Te}$ below the neutron threshold. Physical Review C, 2021, 103, .	2.9	10
10	Experimental response of ^{164}Dy . http://www.w3.org/1998/Math/MathML 164 as a benchmark for neutrino-nucleus scattering calculations. Physical Review C, 2019, 100, .	2.9	7
11	Photo response of ^{164}Dy . Physical Review C, 2020, 102, .	2.9	7
12	$\hat{1}^3\text{K}=0$ M1 Excitation Strength of the Well-Deformed Nucleus ^{164}Dy from K Mixing. Physical Review Letters, 2020, 125, 092501.	7.8	5
13	Structure of high-lying levels populated in the $^{96}\text{Y} \hat{\alpha}^+ ^{96}\text{Zr} \hat{1}^2$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136569.	4.1	5
14	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
15	Electric and magnetic dipole strength in ^{66}Zn . Physical Review C, 2021, 103, .	2.9	4
16	Shell Evolution and E2 Collectivity: New Spectroscopic Information. EPJ Web of Conferences, 2018, 178, 02007.	0.3	3
17	Majorana parameters of the interacting boson model of nuclear structure and their implication for ^{150}Sm . http://www.w3.org/1998/Math/MathML 150 . Physical Review C, 2021, 104, .	2.9	2
18	decay characteristics of the ^{150}Sm scissors mode of ^{150}Sm . http://www.w3.org/1998/Math/MathML 150 .	2.9	2

#	ARTICLE	IF	CITATIONS
19	Nuclear structure of ^{82}Kr and ^{82}Se relevant for neutrinoless double-beta decay. EPJ Web of Conferences, 2018, 194, 02004.	0.3	1
20	Symmetry and order in nuclear structure originating from the proton-neutron degree of freedom. AIP Conference Proceedings, 2019, .	0.4	1
21	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
22	Probing the E2 properties of the scissors mode with real photons. EPJ Web of Conferences, 2018, 178, 02022.	0.3	0
23	Excitation energy dependence of the moments of inertia of well deformed nuclei. Physical Review C, 2019, 99, .	2.9	0