

# B P Crider

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

449  
citations

759233

12  
h-index

713466

21  
g-index

38  
all docs

38  
docs citations

38  
times ranked

607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Neutron Capture Rate Constraint Far from Stability. <i>Physical Review Letters</i> , 2016, 116, 242502.	7.8	53
2	Shape coexistence from lifetime and branching-ratio measurements in $^{68,70}\text{Ni}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 108-113.	4.1	43
3	New low-energy $0^+$ and shape coexistence in $^{70}\text{Ni}$ . <i>Physical Review C</i> , 2015, 92, .	2.9	37
4	Nuclear structure of $^{76}\text{Ge}$ from inelastic neutron scattering measurements and shell model calculations. <i>Physical Review C</i> , 2017, 95, .	2.9	36
5	Competition above the Neutron Threshold in the Decay of $^{70}\text{Co}$ . <i>Physical Review C</i> , 2017, 95, .	2.9	34
6	Level lifetimes in the stable Zr nuclei: Effects of chemical properties in Doppler-shift measurements. <i>Physical Review C</i> , 2013, 88, .	2.9	26
7	$21^+$ transition strengths in Sn nuclei. <i>Physical Review C</i> , 2007, 76, .	2.9	25
8	Status of vibrational structure in $^{62}\text{Ni}$ . <i>Physical Review C</i> , 2011, 83, .	2.9	20
9	Multiphonon states in $^{136}\text{Ba}$ . <i>Physical Review C</i> , 2008, 78, .	2.9	18
10	in $^{136}\text{Ba}$ . <i>Physical Review C</i> , 2008, 78, .	2.9	17
11	Determination of the $2^+$ strengths in $^{136}\text{Ba}$ . <i>Physical Review C</i> , 2008, 77, .	2.9	15
12	Collective quadrupole behavior in $^{106}\text{Pd}$ . <i>Physical Review C</i> , 2017, 95, .	2.9	13
13	Inelastic neutron scattering studies of $^{76}\text{Se}$ . <i>Physical Review C</i> , 2019, 99, .	2.9	12
14	$E0$ transitions in $^{106}\text{Pd}$ : Implications for shape coexistence. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	11
15	Emerging collectivity from the nuclear structure of $^{132}\text{Xe}$ : Inelastic neutron scattering studies and shell-model calculations. <i>Physical Review C</i> , 2019, 99, .	2.9	9
16	Photo response of $^{164}\text{Dy}$ . <i>Physical Review C</i> , 2020, 102, .	2.9	7
17	Collectivity of $0^+$ states in $^{160}\text{Gd}$ . <i>Physical Review C</i> , 2015, 91, .	2.9	6
18	Inelastic neutron scattering cross sections for $^{76}\text{Ge}$ relevant to background in neutrinoless double- $\beta$ decay experiment	2.9	6

#	ARTICLE	IF	CITATIONS
19	$\beta^-$ -decay half-lives of neutron-rich nuclides in the $A < 100$ region. Physical Review C, 2019, 99, .	2.9	6
20	$\beta^-$ Decay of V61 and its Role in Cooling Accreted Neutron Star Crusts. Physical Review Letters, 2020, 125, 262701.	7.8	6
21	Probing the role of proton cross-shell excitations in $^{70}\text{Ni}$ using nucleon knockout reactions. Physical Review C, 2019, 100, .	2.9	5
22	$\beta^-$ -decay strength distributions from total absorption spectroscopy. Physical Review C, 2019, 100, .	2.9	5
23	$\beta^-$ K=0 M1 Excitation Strength of the Well-Deformed Nucleus Dy164 from K Mixing. Physical Review Letters, 2020, 125, 092501.	7.8	5
24	Total absorption spectroscopy of the $\beta^-$ decay of Zr101,102 and Tc109. Physical Review C, 2021, 103, .	2.9	5
25	$\beta^-$ -decay feeding intensity distributions for Nb103,104m. Physical Review C, 2021, 103, .	2.9	5
26	New decay pattern of negative-parity states at $^{90}\text{N}$ . Physical Review C, 2012, 86, .	2.9	4
27	Level lifetimes and the structure of $^{134}\text{Xe}$ from inelastic neutron scattering. Physical Review C, 2017, 96, .	2.9	4
28	Lifetime measurements of low-spin negative-parity levels in Gd160. Physical Review C, 2017, 95, .	2.9	4
29	Seniority structure of Xe82136. Physical Review C, 2018, 98, .	2.9	4
30	Identification of a new isomeric state in $^{76}\text{Zn}$ following the $\beta^-$ decay of $^{76}\text{Zn}$ .	2.9	4
31	Experimental study of the $^{34}\text{Cu}$ beam production at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166780.	1.6	2
32	A study of measured neutron elastic differential neutron cross sections for $^{23}\text{Na}$ . Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 1043-1047.	1.5	1
33	Half-life measurement of the 199-keV isomeric state in $^{76}\text{Ga}$ . Physical Review C, 2022, 105, .	1.5	1
34	Low-lying Collective States in $^{136}\text{Ba}$ . , 2009, , .		0
35	Elastic and inelastic neutron scattering cross sections for fission reactor applications. , 2013, , .		0
36	INTERNAL CONVERSION ELECTRON STUDY OF EXCITED STATES IN $^{76}\text{As}$ . , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	TRANSITION RATES OF DECAYS FROM COLLECTIVE STATES IN <sup>150</sup> Nd, 2013, .		0
38	Total absorption spectroscopy measurement on neutron-rich <sup>74,75</sup> Cu isotopes. Nuclear Physics A, 2022, 1018, 122359.	1.5	0