

# Bin Qi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1033420/publications.pdf>

Version: 2024-02-01

59  
papers

1,295  
citations

394421

19  
h-index

361022

35  
g-index

59  
all docs

59  
docs citations

59  
times ranked

508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of moments of inertia on transverse wobbling mode in odd-mass nuclei. <i>Physical Review C</i> , 2022, 105, .	2.9	4
2	First observation of the coexistence of multiple chiral doublet bands and pseudospin doublet bands in the $A \approx 80$ mass region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 137006.	4.1	12
3	Possible wobbling motion in multiple chiral doublets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 833, 137303.	4.1	2
4	Interplay between nuclear chiral and reflection symmetry breakings revealed by the lifetime measurements in $^{76}\text{Br}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 833, 137287.	4.1	4
5	Influence of triaxial deformation on wobbling motion in even-even nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 055102.	3.6	9
6	First observation of candidate chiral doublet bands in $Z=37$ Rb isotopes. <i>Physical Review C</i> , 2021, 104, .	2.9	10
7	Critical point symmetry for odd-odd nuclei and collective multiple chiral doublet bands. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	5
8	Possible Candidates for Chirality in the Odd-Odd As Isotopes. <i>Chinese Physics Letters</i> , 2020, 37, 112101.	3.3	4
9	First observation of high-spin states in the $N = 83$ nucleus $^{142}\text{Pr}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 105106.	3.6	0
10	Coexistence of chiral symmetry and pseudospin symmetry in one nucleus: triplet bands in $^{105}\text{Ag}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 035102.	3.6	10
11	Possible maximum mass of dark matter existing in compact stars based on the self-interacting fermionic model. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950148.	2.1	2
12	New candidate chiral nucleus in the $A \approx 80$ mass region: $^{87}\text{Br}$ . <i>Physical Review C</i> , 2019, 100, .	2.9	10
13	Candidate chiral nuclei in bromine isotopes based on triaxial relativistic mean field theory. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	8
14	Possible "umbrella"-like antimagnetic rotation mode in odd- $A$ $^{101,103}\text{Pd}$ and even-even $^{102,104}\text{Pd}$ . <i>Physical Review C</i> , 2018, 97, .	2.9	10
15	Investigation of high spin states in $^{133}\text{Cs}$ . <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	1
16	Search for candidate chiral nuclei in rubidium isotopes. <i>Physical Review C</i> , 2018, 98, .	2.9	14
17	Electromagnetic transitions in multiple chiral doublet bands. <i>Chinese Physics C</i> , 2016, 40, 124103.	3.7	6
18	Evidence for Octupole Correlations in Multiple Chiral Doublet Bands. <i>Physical Review Letters</i> , 2016, 116, 112501.	7.8	86

#	ARTICLE	IF	CITATIONS
19	High-spin states in the semimagic nucleus $^{89}\text{Y}$ and neutron-core excitations in the $^{89}\text{Y}$ nucleus. Physical Review C, 2015, 91, .	2.9	8
20	Internal x-ray plateau in short GRBs: Signature of supramassive fast-rotating quark stars?. Physical Review D, 2016, 94, .	4.7	69
21	High-spin states of the semimagic nucleus $^{141}\text{Pr}$ . Physical Review C, 2015, 91, .	2.9	2
22	High spin spectroscopy and shape coexistence in $^{73}\text{As}$ . Physical Review C, 2015, 92, .	2.9	9
23	High-spin states and possible $\alpha$ -band in $^{115}\text{In}$ . Physical Review C, 2015, 91, .	2.9	12
24	Studies of chirality in the mass 80, 100 and 190 regions. International Journal of Modern Physics E, 2014, 23, 1461001.	1.0	30
25	Competition between antimagnetic and core rotation in $^{109}\text{Cd}$ within covariant density functional theory. Physical Review C, 2014, 89, .	2.9	16
26	Resolution of Chiral Conundrum in $^{106}\text{Ag}$ . Physical Review Letters, 2014, 112, .	7.8	58
27	Vorticity and magnetic field production in relativistic ideal fluids. Physical Review D, 2014, 90, .	4.7	15
28	Single-particle structures, high-spin isomers, and a strongly coupled band in odd-odd $^{120}\text{Sb}$ . Physical Review C, 2014, 90, .	2.9	5
29	Evidence for Multiple Chiral Doublet Bands in $^{133}\text{Ce}$ . Physical Review Letters, 2013, 110, 172504.	7.8	88
30	Possible multiple chiral doublet bands in $^{107}\text{Ag}$ . Physical Review C, 2013, 88, .	2.9	35
31	Signature splitting, shape evolution, and nearly degenerate bands in $^{108}\text{Ag}$ . Physical Review C, 2013, 88, .	2.9	9
32	KEPLERIAN FREQUENCY OF UNIFORMLY ROTATING NEUTRON STARS IN RELATIVISTIC MEAN FIELD THEORY. International Journal of Modern Physics E, 2013, 22, 1350085.	1.0	9
33	A POSSIBLE CRITERION FOR THE STATIC CHIRALITY: VERY SMALL BAND INTERACTION STRENGTH. International Journal of Modern Physics E, 2013, 22, 1350060.	1.0	5
34	SEARCH FOR THE CHIRAL NUCLEI IN $A \approx 1480$ MASS REGION. , 2013, , .		0
35	High-spin states in near-spherical $^{88}\text{Y}$ . Physical Review C, 2012, 86, .	2.9	15
36	Collective and noncollective states in $^{116}\text{Sb}$ . Physical Review C, 2012, 86, .	2.9	13

#	ARTICLE	IF	CITATIONS
37	Chirality in odd- $A$ isotopes within the triaxial particle rotor model. Physical Review C, 2011, 83, .	2.9	32
38	The first candidate for chiral nuclei in the $A \approx 80$ mass region: 80Br. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 40-45.	4.1	77
39	Magnetic rotation in $^{112}\text{In}$ . Physical Review C, 2011, 83, .	2.9	24
40	THE POSITIVE-PARITY BAND STRUCTURES IN $^{108}\text{Ag}$ , 2011, .		0
41	THE CHIRAL DOUBLET BANDS WITH $(g_9/2)^{-1} \tilde{\Delta} - \hat{1}/2 (h_{11/2})^2$ CONFIGURATION IN $A \sim 100$ MASS REGION., 2011, .		1
42	ROTATIONAL BANDS IN DOUBLY ODD $^{116}\text{Sb}$ , 2011, .		0
43	Shape coexistence and strongly coupled bands in $^{118}\text{Sb}$ . Physical Review C, 2010, 82, .	2.9	14
44	Coexistence of collective and noncollective structures in $^{118}\text{Sn}$ . Physical Review C, 2010, 81, .	2.9	17
45	Theoretical study of positive-parity doublet bands in $^{124}\text{Cs}$ . Physical Review C, 2010, 82, .	2.9	25
46	New Band Structures in $A \approx 110$ Neutron-Rich Nuclei., 2010, .		0
47	Band properties of the transitional nucleus $^{189}\text{Pt}$ , 2010, .		0
48	Chiral geometry of higher excited bands in triaxial nuclei with particle-hole configuration. Physical Review C, 2010, 82, .	2.9	25
49	Candidate multiple chiral doublets nucleus $^{106}\text{Rh}$ in a triaxial	2.9	47
50	Examining $^{106}\text{Rh}$ in a triaxial		
51	Chirality in odd- $A$ nucleus $^{135}\text{Nd}$ in particle rotor model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 175-180.	4.1	112
52	CHIRAL SYMMETRY IN ATOMIC NUCLEI. Modern Physics Letters A, 2008, 23, 2560-2567.	1.2	26
53	Description of $^{109}\text{Tc}$ bands in $^{109}\text{Tc}$ bands in	2.9	48
54	Identification of pseudospin partner bands in $^{108}\text{Tc}$ . Physical Review C, 2008, 78, .	2.9	31

#	ARTICLE	IF	CITATIONS
55	CHIRAL BANDS FOR QUASI-PROTON AND QUASI-NEUTRON COUPLING WITH A TRIAXIAL ROTOR. , 2008, , .		0
56	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor. Physical Review C, 2007, 75, .	2.9	105
57	Doublet bands in Cs126 in the triaxial rotor model coupled with two quasiparticles. Physical Review C, 2007, 75, .	2.9	59
58	Possible existence of chiral and multiple chiral nuclei in thallium isotopes. Chinese Physics C, 0, , .	3.7	0
59	Possible collective band in neutron-rich $^{119}\text{Sn}$ . Chinese Physics C, 0, , .	3.7	0