

# Bin Qi

## List of Publications by Year in descending order

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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	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
2	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor. Physical Review C, 2007, 75, .	2.9	105
3	Evidence for Multiple Chiral Doublet Bands in $^{133}\text{Ce}$ . Physical Review Letters. 2013, 110, 172504.	7.8	88
4	Evidence for Octupole Correlations in Multiple Chiral Doublet Bands. Physical Review Letters, 2016, 116, 112501.	7.8	86
5	The first candidate for chiral nuclei in the mass region: 80Br. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 40-45.	4.1	77
6	Internal x-ray plateau in short GRBs: Signature of supramassive fast-rotating quark stars?. Physical Review D, 2016, 94, .	4.7	69
7	Examining doublet bands. Physical Review C, 2009, 79, .	2.9	59
8	Doublet bands in $^{126}\text{Cs}$ in the triaxial rotor model coupled with two quasiparticles. Physical Review C, 2007, 75, .	2.9	59
9	Resolution of Chiral Conundrum in $^{106}\text{Ag}$ . Physical Review Letters, 2014, 112, .	7.8	58
10	Description of doublet bands in $^{109}\text{Ag}$ . Physical Review C, 2008, 77, .	2.9	48
11	Candidate multiple chiral doublet nucleus $^{106}\text{Rh}$ in a triaxial relativistic mean-field approach with time-odd fields. Physical Review C, 2009, 79, .	2.9	47
12	Possible multiple chiral doublet bands in $^{107}\text{Ag}$ . Physical Review C, 2013, 88, .	2.9	35
13	Chirality in odd- $^{106}\text{Rh}$ isotopes within the triaxial particle rotor model. Physical Review C, 2011, 83, .	2.9	32
14	Identification of pseudospin partner bands in $^{108}\text{Tc}$ . Physical Review C, 2008, 78, .	2.9	31
15	Studies of chirality in the mass 80, 100 and 190 regions. International Journal of Modern Physics E, 2014, 23, 1461001.	1.0	30
16	CHIRAL SYMMETRY IN ATOMIC NUCLEI. Modern Physics Letters A, 2008, 23, 2560-2567.	1.2	26
17	Theoretical study of positive-parity doublet bands in $^{124}\text{Cs}$ . Physical Review C, 2010, 82, .	2.9	25
18	Chiral geometry of higher excited bands in triaxial nuclei with particle-hole configuration. Physical Review C, 2010, 82, .	2.9	25

#	ARTICLE	IF	CITATIONS
19	Magnetic rotation in $\ln$ . Physical Review C, 2011, 83, .	2.9	24
20	Coexistence of collective and noncollective structures in $\text{Sn}118$ . Physical Review C, 2010, 81, .	2.9	17
21	Competition between antimagnetic and core rotation in $^{109}\text{Cd}$ within covariant density functional theory. Physical Review C, 2014, 89, .	2.9	16
22	High-spin states in near-spherical $^{88}\text{Y}$ . Physical Review C, 2012, 86, .	2.9	15
23	Vorticity and magnetic field production in relativistic ideal fluids. Physical Review D, 2014, 90, .	4.7	15
24	Shape coexistence and strongly coupled bands in $\text{Sb}118$ . Physical Review C, 2010, 82, .	2.9	14
25	Search for candidate chiral nuclei in rubidium isotopes. Physical Review C, 2018, 98, .	2.9	14
26	Collective and noncollective states in $^{116}\text{Sb}$ . Physical Review C, 2012, 86, .	2.9	13
27	High-spin states and possible $\alpha$ -band in $^{115}\text{In}$ . Physical Review C, 2015, 91, .	2.9	12
28	First observation of the coexistence of multiple chiral doublet bands and pseudospin doublet bands in the $A \approx 80$ mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 137006.	4.1	12
29	Possible $\alpha$ -like antimagnetic rotation mode in odd- $A$ $^{101,103}\text{Pd}$ and even-even $^{102,104}\text{Pd}$ . Physical Review C, 2018, 97, .	2.9	10
30	Coexistence of chiral symmetry and pseudospin symmetry in one nucleus: triplet bands in $^{105}\text{Ag}$ . Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 035102.	3.6	10
31	New candidate chiral nucleus in the $A \approx 80$ mass region: $^{80}\text{Br}$ . Physical Review C, 2019, 99, 044307.	2.9	10
32	Signature splitting, shape evolution, and nearly degenerate bands in $^{108}\text{Ag}$ . Physical Review C, 2013, 88, .	2.9	9
33	KEPLERIAN FREQUENCY OF UNIFORMLY ROTATING NEUTRON STARS IN RELATIVISTIC MEAN FIELD THEORY. International Journal of Modern Physics E, 2013, 22, 1350085.	1.0	9
34	High spin spectroscopy and shape coexistence in $^{73}\text{As}$ . Physical Review C, 2015, 92, .	2.9	9
35	Influence of triaxial deformation on wobbling motion in even-even nuclei. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 055102.	3.6	9
36	High-spin states in the semimagic nucleus $^{89}\text{Y}$ and neutron-core excitations in the $^{50}\text{N}$ .	2.9	8

#	ARTICLE	IF	CITATIONS
37	Candidate chiral nuclei in bromine isotopes based on triaxial relativistic mean field theory. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	8
38	Electromagnetic transitions in multiple chiral doublet bands. Chinese Physics C, 2016, 40, 124103.	3.7	6
39	A POSSIBLE CRITERION FOR THE STATIC CHIRALITY: VERY SMALL BAND INTERACTION STRENGTH. International Journal of Modern Physics E, 2013, 22, 1350060.	1.0	5
40	Single-particle structures, high-spin isomers, and a strongly coupled band in odd-oddSb120. Physical Review C, 2014, 90, .	2.9	5
41	Critical point symmetry for odd-odd nuclei and collective multiple chiral doublet bands. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	5
42	Possible Candidates for Chirality in the Odd-Odd As Isotopes. Chinese Physics Letters, 2020, 37, 112101.	3.3	4
43	Influence of moments of inertia on transverse wobbling mode in odd-mass nuclei. Physical Review C, 2022, 105, .	2.9	4
44	Interplay between nuclear chiral and reflection symmetry breakings revealed by the lifetime measurements in $^{76}\text{Br}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137287.	4.1	4
45	First observation of candidate chiral doublet bands in $^{87}\text{Rb}$ isotopes. Physical Review C, 2021, 104, .	2.9	2
46	High-spin states of the semimagic nucleus $^{141}\text{Pr}$ . Physical Review C, 2015, 91, .	2.9	2
47	Possible maximum mass of dark matter existing in compact stars based on the self-interacting fermionic model. International Journal of Modern Physics D, 2019, 28, 1950148.	2.1	2
48	Possible wobbling motion in multiple chiral doublets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137303.	4.1	2
49	Investigation of high spin states in $^{133}\text{Cs}$ . European Physical Journal A, 2018, 54, 1.	2.5	1
50	THE CHIRAL DOUBLET BANDS WITH $\frac{1}{2}^-(g_9/2)-1^+ \frac{1}{2}^-(h_{11}/2)^2$ CONFIGURATION IN A~100 MASS REGION. , 2011, , .		1
51	New Band Structures in $A \approx 110$ Neutron-Rich Nuclei. , 2010, , .		0
52	Band properties of the transitional nucleus $^{189}\text{Pt}$ . , 2010, , .		0
53	THE POSITIVE-PARITY BAND STRUCTURES IN $^{108}\text{Ag}$ . , 2011, , .		0
54	First observation of high-spin states in the $N = 83$ nucleus $^{142}\text{Pr}$ . Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 105106.	3.6	0

#	ARTICLE	IF	CITATIONS
55	CHIRAL BANDS FOR QUASI-PROTON AND QUASI-NEUTRON COUPLING WITH A TRIAXIAL ROTOR. , 2008, , .		0
56	ROTATIONAL BANDS IN DOUBLY ODD 116Sb. , 2011, , .		0
57	SEARCH FOR THE CHIRAL NUCLEI IN $A \approx 1480$ MASS REGION. , 2013, , .		0
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