

# Tomohiro Oishi

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

192  
citations

1163117

8  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite amplitude method applied to the giant dipole resonance in heavy rare-earth nuclei. Physical Review C, 2016, 93, .	2.9	37
2	Diproton correlation in the proton-rich Borromean nucleusNe17. Physical Review C, 2010, 82, .	2.9	25
3	Time-dependent approach to many-particle tunneling in one dimension. Physical Review C, 2012, 86, .	2.9	23
4	Role of diproton correlation in two-proton-emission decay of theBe6nucleus. Physical Review C, 2014, 90, .	2.9	21
5	Dependence of two-proton radioactivity on nuclear pairing models. Physical Review C, 2017, 96, .	2.9	18
6	Magnetic dipole excitations based on the relativistic nuclear energy density functional. Physical Review C, 2020, 102, .	2.9	16
7	Role of residual interaction in the relativistic description of M1 excitation. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 115106.	3.6	12
8	Effect of proton-proton Coulomb repulsion on soft dipole excitations of light proton-rich nuclei. Physical Review C, 2011, 84, .	2.9	11
9	Magnetic dipole excitation and its sum rule in nuclei with two valence nucleons. Physical Review C, 2019, 100, .	2.9	8
10	Evolution of magnetic dipole strength in $^{100}\text{Sn}$ isotope chain and the quenching of nucleon $g$ factors.	2.9	8
11	Discerning nuclear pairing properties from magnetic dipole excitation. European Physical Journal A, 2021, 57, 1.	2.5	5
12	Nuclear Equation of State in the Relativistic Point-Coupling Model Constrained by Excitations in Finite Nuclei. Universe, 2021, 7, 71.	2.5	4
13	Two-fermion emission from spin-singlet and triplet resonances in one dimension. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 105101.	3.6	2
14	Time-dependent Method for Many-body Problems and Its Application to Nuclear Resonant Systems. Acta Physica Polonica B, 2018, 49, 293.	0.8	2
15	Symmetry breaking of Gamow-Teller and magnetic-dipole transitions and its restoration in calcium isotopes. Physical Review C, 2022, 105, .	2.9	2
16	Relativistic nuclear energy density functional approach to magnetic-dipole excitation. Journal of Physics: Conference Series, 2020, 1643, 012153.	0.4	1
17	DINEUTRON CORRELATION IN THE GROUND STATE AND E1 EXCITATIONS OF BORROMEAN NUCLEI. Modern Physics Letters A, 2010, 25, 1842-1845.	1.2	0
18	An overview of the scientific contribution of Andrea Vitturi to nuclear physics. European Physical Journal A, 2020, 56, 1.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Nuclear magnetic transitions in the relativistic energy density functional approach. EPJ Web of Conferences, 2021, 252, 02002.	0.3	0
20	Time-Dependent Approach to Two-Proton Radioactivity. , 2014, , .		0