

Tomohiro Oishi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

192
citations

1163117

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1058476

14
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all docs

20
docs citations

20
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetry breaking of Gamow-Teller and magnetic-dipole transitions and its restoration in calcium isotopes. <i>Physical Review C</i> , 2022, 105, .	2.9	2
2	Nuclear magnetic transitions in the relativistic energy density functional approach. <i>EPJ Web of Conferences</i> , 2021, 252, 02002.	0.3	0
3	Nuclear Equation of State in the Relativistic Point-Coupling Model Constrained by Excitations in Finite Nuclei. <i>Universe</i> , 2021, 7, 71.	2.5	4
4	Evolution of magnetic dipole strength in ^{100}Sn isotope chain and the quenching of nucleon g factors. <i>Physical Review C</i> , 2021, 103, 044301.	2.9	5
5	Discerning nuclear pairing properties from magnetic dipole excitation. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	5
6	Magnetic dipole excitations based on the relativistic nuclear energy density functional. <i>Physical Review C</i> , 2020, 102, .	2.9	16
7	An overview of the scientific contribution of Andrea Vitturi to nuclear physics. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	0
8	Role of residual interaction in the relativistic description of M1 excitation. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 115106.	3.6	12
9	Relativistic nuclear energy density functional approach to magnetic-dipole excitation. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012153.	0.4	1
10	Magnetic dipole excitation and its sum rule in nuclei with two valence nucleons. <i>Physical Review C</i> , 2019, 100, .	2.9	8
11	Two-fermion emission from spin-singlet and triplet resonances in one dimension. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 105101.	3.6	2
12	Time-dependent Method for Many-body Problems and Its Application to Nuclear Resonant Systems. <i>Acta Physica Polonica B</i> , 2018, 49, 293.	0.8	2
13	Dependence of two-proton radioactivity on nuclear pairing models. <i>Physical Review C</i> , 2017, 96, .	2.9	18
14	Finite amplitude method applied to the giant dipole resonance in heavy rare-earth nuclei. <i>Physical Review C</i> , 2016, 93, .	2.9	37
15	Role of diproton correlation in two-proton-emission decay of the ^6Be nucleus. <i>Physical Review C</i> , 2014, 90, .	2.9	21
16	Time-Dependent Approach to Two-Proton Radioactivity. , 2014, , .		0
17	Time-dependent approach to many-particle tunneling in one dimension. <i>Physical Review C</i> , 2012, 86, .	2.9	23
18	Effect of proton-proton Coulomb repulsion on soft dipole excitations of light proton-rich nuclei. <i>Physical Review C</i> , 2011, 84, .	2.9	11

#	ARTICLE	IF	CITATIONS
19	Diproton correlation in the proton-rich Borromean nucleus ^{17}Ne . <i>Physical Review C</i> , 2010, 82, .	2.9	25
20	DINEUTRON CORRELATION IN THE GROUND STATE AND E1 EXCITATIONS OF BORROMEAN NUCLEI. <i>Modern Physics Letters A</i> , 2010, 25, 1842-1845.	1.2	0