

Clemens Scholl

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

921
citations

430874

18
h-index

477307

29
g-index

48
all docs

48
docs citations

48
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive investigation of 0^+ -states in rare earth region nuclei. Physical Review C, 2006, 74, .	2.9	75
2	Low-lying $E1, M1$, and $E2$ strength distributions in $^{124,126,128,129,130,131,132,134,136}\text{Xe}$: Systematic photon scattering experiments in the mass region of a nuclear shape or phase transition. Physical Review C, 2006, 73, .	2.9	64
3	Observation of Low- and High-Energy Gamow-Teller Phonon Excitations in Nuclei. Physical Review Letters, 2014, 112, 112502.	7.8	64
4	Reaction at 420 A MeV. Physical Review Letters, 2007, 99, 202501.	7.8	63
5	Enhanced density of low-lying 0^+ states: A corroboration of shape phase transitional behavior. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 44-49.	4.1	52
6	Spin-Gap Isomer in $^{16}\text{O}^+$ Cd. Physical Review Letters, 2011, 107, 172502.	7.8	51
7	High-resolution study of 0^+ and 2^+ excitations in ^{168}Er with the (p,t) reaction. Physical Review C, 2006, 73, .	2.9	44
8	High-resolution study of the ^{96}Be .		

#	ARTICLE	IF	CITATIONS
19	Observation of a new high-spin isomer in ^{94}Pd . Physical Review Letters, 2008, 101, 172501.	2.9	18
20	Investigation of ^{198}Hg states in ^{198}Hg after two-neutron pickup. Physical Review C, 2013, 87, .	2.9	16
21	Deformation crossing near the first-order shape-phase transition in ^{152}Gd . Physical Review C, 2008, 78, .	2.9	15
22	High-energy excited states in ^{98}Cd . Journal of Physics: Conference Series, 2010, 205, 012035.	0.4	15
23	Observation of five high-spin members of the $g_{9/2f_{7/2}}$ multiplet in ^{208}Pb . European Physical Journal A, 2010, 44, 233-238.	2.5	15
24	Triaxiality and the determination of the cubic shape parameter K_3 from five observables. Physical Review C, 2005, 71, .	2.9	14
25	Experimental study of Gamow-Teller transitions via the high-energy resolution $^{18}\text{O}(\alpha, n)^{21}\text{Ne}$ reaction. Physical Review C, 2007, 75, .	2.9	14
26	Systematic exploration of 0^+ states in structurally diverse nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1399-S1403.	3.6	12
27	Gamow-Teller transitions in the $A=40$ isoquintet of relevance for neutrino captures in ^{40}Ar . Physical Review C, 2014, 89, .	2.9	12
28	High-resolution study of Gamow-Teller transitions in the $^{48}\text{Ti}(\text{He}^3, t)^{48}\text{V}$ reaction. Physical Review C, 2016, 93, .	2.9	11
29	Photon scattering experiments on the quasistable, odd-odd mass nucleus ^{176}Lu . Physical Review C, 2007, 75, .	2.9	10
30	Low-lying $J=1$ states in ^{106}Cd . Physical Review C, 2007, 75, .	2.9	10
31	LESSONS LEARNED FROM THE EURADOS SURVEY ON INDIVIDUAL MONITORING DATA AND INTERNAL DOSE ASSESSMENTS OF FOREIGNERS EXPOSED IN JAPAN FOLLOWING THE FUKUSHIMA DAIICHI NPP ACCIDENT. Radiation Protection Dosimetry, 2016, 170, 402-406.	0.8	10
32	Lifetime measurements in ^{93}Nb from photon and inelastic neutron scattering. Physical Review C, 2007, 75, .	2.9	9
33	New spin assignments in the odd-odd $N=Z$ nucleus ^{42}Sc and the breaking of the ^{40}Ca core. Physical Review C, 2007, 75, .	2.9	8
34	Neutron particle-hole structure of states in ^{208}Pb determined from the proton decay of the $d_{5/2}$ isobaric analog resonance in ^{209}Bi . European Physical Journal A, 2011, 47, 1.	2.5	8
35	High-resolution study of Gamow-Teller transitions in the $^{18}\text{O}(\alpha, n)^{21}\text{Ne}$ reaction. Physical Review C, 2007, 75, .		

#	ARTICLE	IF	CITATIONS
37	Alternative interpretation of E0 strengths in transitional regions. European Physical Journal A, 2005, 25, 455-456.	2.5	4
38	High-resolution study of 0+ and 2+ excitations in 168Er with the (p, t) reaction. Physics of Atomic Nuclei, 2007, 70, 1336-1343.	0.4	4
39	Radionuclide intake risks in the clinical administration of $^{223}\text{RaCl}_2$. Journal of Radiological Protection, 2019, 39, 387-398.	1.1	4
40	Influence of the n - p interaction on the I^2 decay of ^{94}Pd . Physical Review C, 2012, 86, .	2.9	3
41	Investigation of 0+ states in mercury isotopes after two-neutron transfer. EPJ Web of Conferences, 2014, 66, 02008.	0.3	3
42	A measure for triaxiality from K (shape) invariants. European Physical Journal A, 2005, 25, 453-454.	2.5	2
43	High resolution particle spectroscopy in ^{208}Pb . Journal of Physics: Conference Series, 2011, 312, 092030.	0.4	2
44	Isomer and I^2 -decay spectroscopy of Tz=1 isotopes below the N=Z=50 shell gap. Journal of Physics: Conference Series, 2011, 312, 092019.	0.4	0
45	Spin-gap isomer in ^{96}Cd . Journal of Physics: Conference Series, 2012, 381, 012074.	0.4	0
46	The Fukushima accident and travel medicine – Analysis and recommendations. Travel Medicine and Infectious Disease, 2013, 11, 139-145.	3.0	0
47	A measure for triaxiality from K (shape) invariants. , 2005, , 453-454.		0
48	Alternative interpretation of E0 strengths in transitional regions. , 2005, , 455-456.		0