

John Schiffer

List of Publications by Year in descending order

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42
papers

1,082
citations

430874

18
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Is the Nuclear Spin-Orbit Interaction Changing with Neutron Excess?. Physical Review Letters, 2004, 92, 162501. Nuclear Structure Relevant to Neutrinoless Double $\langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{Decay} \langle \text{mml:math} \rangle$	7.8	172
2	$\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Ge} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 76 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \text{and} \langle \text{mml:math} \rangle$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 76 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \text{an}$	7.8	131
3	Valence neutron properties relevant to the neutrinoless double- β decay: The valence protons in $\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Ge} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	108
4	Melting of Crystalline Confined Plasmas. Physical Review Letters, 2002, 88, 205003.	7.8	80
5	Test of Sum Rules in Nucleon Transfer Reactions. Physical Review Letters, 2012, 108, 022501.	7.8	55
6	Valence nucleon populations in the Ni isotopes. Physical Review C, 2013, 87, .	2.9	51
7	Search for excited states in He7 with the (d,p) reaction. Physical Review C, 2005, 72, . Structure of $\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	44
8	proton removal from $\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Li} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	40
9	Valence neutron properties relevant to the neutrinoless double- β decay of ^{130}Te . Physical Review C, 2013, 87. Determination of the $\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle E \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{component}$	2.9	37
10	of the low-energy $\langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{C} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$		

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19	Pair correlations in the neutrinoless double- \hat{I}^2 decay candidate ^{130}Te . <i>Physical Review C</i> , 2010, 82, .	2.9	18
20	Neutron pair correlations in ^{100}Mo involved in neutrinoless double- \hat{I}^2 decay. <i>Physical Review C</i> , 2012, 86, .	2.9	18
21	First Exploration of Neutron Shell Structure below Lead and beyond ^{126}N . <i>Physical Review Letters</i> , 2020, 124, 062502.	7.8	18
22	Structure of ^{14}C and ^{14}B . <i>Physical Review Letters</i> , 2018, 120, 122503.	2.9	15
23	Proton pair correlations and the neutrinoless double- \hat{I}^2 decay of ^{76}Ge . <i>Physical Review C</i> , 2013, 87, .	2.9	13
24	Probing the Single-Particle Character of Rotational States in ^{19}F . <i>Physical Review Letters</i> , 2018, 120, 122503.	7.8	11
25	Using a Short-Lived Isomeric Beam. <i>Physical Review Letters</i> , 2018, 120, 122503.	2.9	8
26	Single-neutron excitations in ^{18}N . <i>Physical Review C</i> , 2013, 88, .	2.9	8
26	Feasibility of a crystalline condensed state in cooled ion beams of a storage ring. <i>Zeitschrift für Physik A, Atomic Nuclei</i> , 1988, 331, 71-74.	0.3	7
27	Neutron occupancies and single-particle energies across the stable tin isotopes. <i>Physical Review C</i> , 2021, 104, .	2.9	7
28	Stretched states in $^{12,13}\text{B}$ with the (d, \hat{I}^{\pm}) reaction. <i>Physical Review C</i> , 2014, 90, .	2.9	6
29	An advanced ISOL facility based on ATLAS. , 1999, , .		5
30	Properties of excited states in ^{77}Ge . <i>Physical Review C</i> , 2009, 80, .	2.9	4
31	Consistency of nucleon-transfer sum rules in well-deformed nuclei. <i>Physical Review C</i> , 2021, 103, .	2.9	4
32	Experimental study of the effective nucleon-nucleon interaction using the $^{21}\text{F}(d,p)^{22}\text{F}$ reaction. <i>Physical Review C</i> , 2018, 98, .	2.9	3
33	Positron-electron angular correlations in internal pair conversion. <i>Physical Review C</i> , 1998, 57, R2794-R2798.	2.9	2
34	Nucleon transfer reactions with exotic beams at ATLAS. <i>European Physical Journal: Special Topics</i> , 2007, 150, 79-82.	2.6	1
35	High- j neutron excitations outside ^{136}Xe . <i>Physical Review C</i> , 2017, 96, .	2.9	1
36	Neutron-hole strength in $N=81$ nuclei. <i>Physical Review C</i> , 2020, 101, .	2.9	1

#	ARTICLE	IF	CITATIONS
37	Single-nucleon energies changing with nucleon number. Physical Review C, 2022, 105, .	2.9	1
38	Order in very cold confined plasmas. Hyperfine Interactions, 1996, 103, 71-79.	0.5	0
39	Excited States In ^7He From $d(^6\text{He},p)^7\text{He}$. AIP Conference Proceedings, 2005, , .	0.4	0
40	Light Nuclei Studied with Nucleon Transfer Reactions Using Exotic Beams. AIP Conference Proceedings, 2006, , .	0.4	0
41	The S_{E1} factor of the $^{12}\text{C}(\hat{1}\pm, \hat{1}^3)^{16}\text{O}$ Reaction and the $^{16}\text{N} \hat{1}^2$ -delayed $\hat{1}\pm$ Decay. AIP Conference Proceedings, 2008, , .	0.4	0
42	The Structure of ^7He . AIP Conference Proceedings, 2008, , .	0.4	0