

Sebastian Wilman

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

94
citations

1684188

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h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Shape Staggering in Neutron-Deficient Bi Isotopes. <i>Physical Review Letters</i> , 2021, 127, 192501.	7.8	27
2	Identification of new electronic levels in the holmium atom and investigation of their hyperfine structure. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 219, 117-126.	2.3	11
3	Hyperfine structure studies of the odd-parity electronic levels of the holmium atom. I: Levels with known energies. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 234, 115-123.	2.3	9
4	Hyperfine structure studies of the odd-parity electronic levels in the holmium atom. II: New levels. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 235, 70-80.	2.3	8
5	Fine- and hyperfine structure investigations of the odd-parity configuration system in atomic holmium. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 237, 106642.	2.3	6
6	Hyperfine structure studies of the odd-parity electronic levels of the terbium atom. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 237, 106613.	2.3	5
7	Investigations of the possible second-stage laser cooling transitions for the holmium atom magneto-optical trap. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 246, 106915.	2.3	5
8	Investigations of the hyperfine structure and isotope shifts in the even-parity level system of atomic europium. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 251, 107070.	2.3	4
9	Semi-empirical determination of the nuclear quadrupole moment of ^{109}Sn . <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	4
10	Landé g factors of odd-parity electronic levels of the holmium atom. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 279, 108045.	2.3	4
11	Semi-empirical predictions of energy levels, their Landé g factors and hyperfine structure for the odd-parity configuration system of Ho II. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 283, 108060.	2.3	4
12	Semi-empirical description of the fine structure and the radiative parameters for atomic tin. Odd levels. <i>Atomic Data and Nuclear Data Tables</i> , 2020, 135-136, 101342.	2.4	3
13	Landé g factors of the electronic levels of the europium atom. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 255, 107258.	2.3	3
14	Fine- and hyperfine structure semi-empirical studies of the neutral and singly ionised bismuth. Determination of the nuclear quadrupole moment of ^{209}Bi . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 275, 107892.	2.3	1