

Ewa Stachowska

List of Publications by Year in descending order

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36
papers

426
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567281

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20
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38
all docs

38
docs citations

38
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Human live spermatozoa morphology assessment using digital holographic microscopy. Scientific Reports, 2022, 12, 4846.	3.3	3
2	Non-destructive Testing of Metal-Polymer Laminates with a Digital Holographic Vibrometer. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	4
3	Evidence of Skin Barrier Damage by Cyclic Siloxanes (Silicones) Using Digital Holographic Microscopy. International Journal of Molecular Sciences, 2020, 21, 6375.	4.1	4
4	On the level system of Bi II. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 205003.	1.5	2
5	Experimental and theoretical challenges for the trapped electron quantum computer. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 154010.	1.5	20
6	Electrons in a cryogenic planar Penning trap and experimental challenges for quantum processing. European Physical Journal D, 2008, 50, 97-102.	1.3	30
7	High precision investigations of the hyperfine structure of metastable levels in a chromium atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2785-2797.	1.5	13
8	New electron levels and classified lines in Pr II from hyperfine structure measurements. Atomic Data and Nuclear Data Tables, 2007, 93, 127-137.	2.4	17
9	Experimental investigation of the stability diagram for Paul traps in the case of praseodymium ions. Hyperfine Interactions, 2006, 171, 233-241.	0.5	1
10	The application of laser spectroscopy to investigations of praseodymium and neodymium. , 2005, , .		0
11	Nonlinear resonances in a quadrupole ion trap by laser induced fluorescence. , 2005, , .		0
12	Modulation of LIF emitted by trapped ions by variation of trapping potential. , 2005, , .		0
13	Observation of space charge effects in dynamics of trapped ions. , 2005, , .		0
14	Laser spectroscopic investigation of isotope shifts in Nd II lines. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 447-453.	2.9	8
15	Status of the physics of substellar objects project. Astronomische Nachrichten, 2005, 326, 920-924.	1.2	10
16	Isotope shift in chromium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 33-40.	2.9	12
17	New Levels and Hyperfine Structure Evaluation in Singly Ionized Praseodymium. Physica Scripta, 2005, 72, 300-308.	2.5	22
18	Ion trap nuclear resonance on $^{151}\text{Eu}^+$. European Physical Journal D, 2003, 26, 237-244.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Interpretation of the Hyperfine Structure of the Even Configuration System of Pr I. Physica Scripta, 2003, 68, 133-140.	2.5	24
20	Reanalysis and Semi-Empirical Predictions of the Hyperfine Structure of Eu I in the Odd Parity Multiconfiguration System. Physica Scripta, 2002, 65, 237-247.	2.5	13
21	Hyperfine-structure measurements and new levels evaluation in singly ionized praseodymium. European Physical Journal D, 2001, 17, 275-284.	1.3	24
22	Laser spectroscopy in a Paul trap. , 2000, 4238, 11.		0
23	Recent progress in the theory of the complex atomic hyperfine structure. , 2000, 127, 49-56.		8
24	Hyperfine splitting and isotope shift in the optical transition of Eu isotopes and electromagnetic moments of Eu. European Physical Journal D, 2000, 11, 341-345.	1.3	13
25	Reanalysis and semi-empirical predictions of the hyperfine structure of Zr^{91} in the model space $(4d + 5s)^4$. European Physical Journal D, 1998, 4, 39-46.	1.3	18
26	Ground-state hyperfine-structure measurements of unstable Eu isotopes in a Paul ion trap. Physical Review A, 1997, 56, 265-269.	2.5	24
27	Construction of energy matrix for complex atoms in space of $(nd + n's)N + 2 + \frac{1}{2}$ configurations. Physica Scripta, 1996, 54, 444-457.	2.5	43
28	Hyperfine-structure measurements in the ground state of radioactive Eu-150 ions. Physical Review A, 1995, 52, 4434-4438.	2.5	15
29	Measurement and interpretation of the odd-parity levels of Pb I. Physical Review A, 1994, 49, 745-754.	2.5	19
30	Sternheimer free determination of the Co^{59} nuclear quadrupole moment from hyperfine-structure measurements. Physical Review A, 1993, 48, 2752-2761.	2.5	24
31	New approach of level-fitting calculations in multiconfiguration approximation. a test on the silicon atom. Physica Scripta, 1991, 43, 248-256.	2.5	15
32	Off-diagonal effects in the hyperfine-structure splitting in the Eu I term $6D_{4f76s6d}$. Physical Review A, 1991, 44, 5737-5743.	2.5	15
33	Fine structure energy matrix for the system. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 138, 347-355.	0.9	2
34	Revision of the energy scheme of the arsenic atom. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 142, 111-119.	0.9	2
35	Parametrization of two-body perturbation on atomic fine and hyperfine structure. The configuration $(6p)^3$ in the bismuth atom. Zeitschrift für Physik A, 1983, 310, 27-36.	1.4	15
36	PoSSO – Physics of SubStellar Objects. , 0, , 477-483.		1