

Kyle Arnold

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

322
citations

840776

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h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Branching fractions for $6P_{1/2}$ decays in ^{138}Ba . Precision measurement of the $6P_{1/2}$ decays in ^{138}Ba . Physical Review A, 2019, 100, .	2.5	8
2	Hyperfine-mediated effects in a ^{138}Ba optical clock. Physical Review A, 2019, 100, .	2.5	2
3	Precision Measurements of the $6P_{1/2}$ decays in ^{138}Ba . Physical Review A, 2019, 100, .	2.5	2
4	Dynamic polarizability measurements with $^{176}\text{Lu}^+$. Physical Review A, 2019, 99, .	7.8	11
5	Hyperfine Averaging by Dynamic Decoupling in a Multi-Ion Lutetium Clock. Physical Review Letters, 2020, 124, 083202.	7.8	11
6	Magic wavelength of the ^{138}Ba $6S_{1/2} \rightarrow 5d_{5/2}$ clock transition. Physical Review A, 2020, 101, .	2.5	6
7	Suppressing Inhomogeneous Broadening in a Lutetium Multi-ion Optical Clock. Physical Review Letters, 2019, 123, 063201.	7.8	20
8	Polarizability assessments of ion-based optical clocks. Physical Review A, 2019, 100, .	2.5	13
9	Measurements of the branching ratios for $6P_{1/2}$ decays in ^{138}Ba . Physical Review A, 2019, 100, .	2.5	12
10	Dynamic polarizability measurements with $^{176}\text{Lu}^+$. Physical Review A, 2019, 99, .	2.5	9
11	Oscillating quadrupole effects in high-precision metrology. Physical Review A, 2019, 99, .	2.5	8
12	Oscillating quadrupole effects in high-precision metrology. Physical Review A, 2019, 99, .	2.5	4
13	Oscillating-magnetic-field effects in high-precision metrology. Physical Review A, 2018, 98, .	2.5	26
14	Blackbody radiation shift assessment for a lutetium ion clock. Nature Communications, 2018, 9, 1650.	12.8	42
15	Laser spectroscopy of $^{176}\text{Lu}^+$. Journal of Modern Optics, 2018, 65, 592-601.	1.3	14
16	Observation of the $^{176}\text{Lu}^+$ $6S_{1/2} \rightarrow 5d_{5/2}$ clock transition in $^{176}\text{Lu}^+$. Physical Review A, 2018, 98, .	2.5	8
17	Atomic properties of $^{176}\text{Lu}^+$. Physical Review A, 2016, 93, .	2.5	21
18	Prospects for atomic clocks based on large ion crystals. Physical Review A, 2015, 92, .	2.5	39

#	ARTICLE	IF	CITATIONS
19	Self-Organization Threshold Scaling for Thermal Atoms Coupled to a Cavity. Physical Review Letters, 2012, 109, 153002.	7.8	63