

Robert Haun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4672473/publications.pdf>

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9
papers

89
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron limit on the strongly-coupled chameleon field. <i>Physical Review D</i> , 2016, 93, .	4.7	42
2	PendellÄrsung interferometry probes the neutron charge radius, lattice dynamics, and fifth forces. <i>Science</i> , 2021, 373, 1239-1243.	12.6	14
3	Decoupling of a neutron interferometer from temperature gradients. <i>Review of Scientific Instruments</i> , 2016, 87, 123507.	1.3	10
4	Neutron interferometer crystallographic imperfections and gravitationally induced quantum interference measurements. <i>Physical Review A</i> , 2017, 95, .	2.5	9
5	Precision Measurement of the Neutron Scattering Length of ^4He Using Neutron Interferometry. <i>Physical Review Letters</i>, 2020, 124, 012501.	7.8	6
6	Increased interference fringe visibility from the post-fabrication heat treatment of a perfect crystal silicon neutron interferometer. <i>Review of Scientific Instruments</i> , 2018, 89, 023502.	1.3	4
7	Measurement and alleviation of subsurface damage in a thick-crystal neutron interferometer. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, 833-841.	0.1	2
8	Overview of neutron interferometry at NIST. <i>EPJ Web of Conferences</i> , 2019, 219, 06001.	0.3	2
9	Neutron interferometer crystallographic imperfections and gravitationally induced quantum interference measurements.. <i>Physical Review A</i> , 2017, 95, 013840-1384010.	2.5	0