

Edward J Stephenson

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

366
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1478505

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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	New Method of Measuring Electric Dipole Moments in Storage Rings. Physical Review Letters, 2004, 93, 052001.	7.8	204
2	A storage ring experiment to detect a proton electric dipole moment. Review of Scientific Instruments, 2016, 87, 115116.	1.3	85
3	Measurement of the Electron-Antineutrino Angular Correlation in Neutron $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Decay. Physical Review Letters, 2017, 119, 042502.	7.8	33
4	Measurement of the neutron decay electron-antineutrino angular correlation by the aCORN experiment. Physical Review C, 2021, 103, .	2.9	19
5	Comprehensive symmetric-hybrid ring design for a proton EDM experiment at below $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mo} \rangle \hat{\sim} \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mrow} \langle \text{mml:mathvariant="normal"} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\sim} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{cm} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review D, 2022, 105, .	1.4	1
6	The aCORN backscatter-suppressed beta spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 867, 51-57.	1.6	7
7	aCORN: An experiment to measure the electron-antineutrino correlation coefficient in free neutron decay. Review of Scientific Instruments, 2017, 88, 083503.	1.3	4
8	An implementation of spin-dependent hadron elastic scattering in GEANT4. Journal of the Korean Physical Society, 2022, 80, 437-446.	0.7	0