

Roger John Barlow

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21 papers	503 citations	6 h-index	22 g-index
23 ext. papers	547 ext. citations	2.8 avg, IF	3.49 L-index

#	Paper	IF	Citations
21	Fitting using finite Monte Carlo samples. <i>Computer Physics Communications</i> , 1993 , 77, 219-228	4.2	265
20	Extended maximum likelihood. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 297, 496-506	1.2	120
19	A calculator for confidence intervals. <i>Computer Physics Communications</i> , 2002 , 149, 97-102	4.2	41
18	Event classification using weighting methods. <i>Journal of Computational Physics</i> , 1987 , 72, 202-219	4.1	34
17	Present and future CP measurements. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001 , 27, 1277-1280	1.3	11
16	Electromagnetic radiative corrections to deep-inelastic neutrino interactions. <i>Physical Review D</i> , 1979 , 20, 2198-2206	4.9	7
15	Induced activation in accelerator components. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2014 , 17,		6
14	Particle physics: from school to university. <i>Physics Education</i> , 1992 , 27, 92-95	0.8	6
13	Studies of MYRRHA using thorium fuel. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 7175-7180	6.7	3
12	PAMELA - a model for an FFAG based hadron therapy machine 2007 ,		2
11	The CONFORM project: Construction of a nonscaling FFAG and its applications 2007 ,		2
10	B-factory searches for light scalars and other new states(i)View all notes. <i>Cogent Physics</i> , 2015 , 2, 1074146	1.5	1
9	Simulation of high order short range wakefields for particle tracking codes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 657, 38-44	1.2	1
8	Emittance growth due to higher order angular multipole mode wakefields in the ilc-bds collimators 2007 ,		1
7	A note on estimating errors from the likelihood function. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 550, 392-396	1.2	1
6	The longitudinal coordinate from Double Diamond tapered cathode pad readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 349, 277-280	1.2	1
5	Fitting the ratio of two distributions. <i>Computer Physics Communications</i> , 1990 , 56, 325-336	4.2	1

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| 4 | Identification of b jets using neural networks. <i>Computer Physics Communications</i> , 1993 , 74, 199-216 | 4.2 |
| 3 | A comment on many-track vertex fits. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986 , 247, 586-587 | 1.2 |
| 2 | Calculations of neutron fluxes and isotope conversion rates in a thorium-fuelled MYRRHA reactor, using GEANT4 and MCNPX. <i>Nuclear Engineering and Design</i> , 2022 , 388, 111629 | 1.8 |
| 1 | Merlin++, a flexible and feature-rich accelerator physics and particle tracking library. <i>Computer Physics Communications</i> , 2022 , 271, 108204 | 4.2 |