

Rogelio Tomas Garcia

List of Publications by Year in descending order

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22
papers

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all docs

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docs citations

22
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase advance constraint in K modulation for precise function determination. Physical Review Accelerators and Beams, 2022, 25, .	1.6	0
2	Measuring \hat{I}^2 in SuperKEKB with K modulation. Physical Review Accelerators and Beams, 2020, 23, .	1.6	5
3	Optics-measurement-based beam position monitor calibrations in the LHC insertion regions. Physical Review Accelerators and Beams, 2020, 23, .	1.6	3
4	Effect of local linear coupling on linear and nonlinear observables in circular accelerators. Physical Review Accelerators and Beams, 2020, 23, .	1.6	3
5	Accuracy and feasibility of the $\langle \hat{I}^2 \rangle$ for LHC and High Luminosity LHC using k modulation. Physical Review Accelerators and Beams, 2017, 20, .	1.6	10
6	LHC optics commissioning: A journey towards 1% optics control. Physical Review Accelerators and Beams, 2017, 20, .	1.6	26
7	Local correction of quadrupole errors at LHC interaction regions using action and phase jump analysis on turn-by-turn beam position data. Physical Review Accelerators and Beams, 2017, 20, .	1.6	1
8	The magnetic behaviour of the LHC at 6.5 TeV. IEEE Transactions on Applied Superconductivity, 2016, , 1-1.	1.7	2
9	Multivariate Polynomial Multiplication on GPU. Procedia Computer Science, 2016, 80, 154-165.	2.0	3
10	Improved control of the betatron coupling in the Large Hadron Collider. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	23
11	Final-focus systems for multi-TeV linear colliders. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	4
12	Luminosity studies in a traveling waist regime in the Compact Linear Collider. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	3
13	BPM calibration independent LHC optics correction. , 2007, , .		0
14	Beam-beam effect with an external noise in LHC. , 2007, , .		1
15	Small angle crab compensation for LHC IR upgrade. , 2007, , .		3
16	Feedback studies. , 2007, , .		0
17	Improved algorithms to determine the non-linear optics model of the SPS from non-linear chromaticity. , 2007, , .		0
18	Measurement of driving terms [Super Proton Synchrotron]. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Measurement and Optimization of Local Coupling from RHIC BPM Data. , 0, , .		0
20	Measurement of Transverse Echoes in RHIC. , 0, , .		1
21	Optimization of the Phase Advance Between RHIC Interaction Points. , 0, , .		0
22	2003–2004 Nonlinear Optics Measurements and Modeling for the CERN SPS. , 0, , .		0