

Angelo Bosotti

List of Publications by Year in descending order

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22
papers

1,064
citations

1163117

8
h-index

1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. <i>Physical Review Letters</i> , 2000, 85, 3825-3829.	7.8	344
2	A MHz-repetition-rate hard X-ray free-electron laser driven by a superconducting linear accelerator. <i>Nature Photonics</i> , 2020, 14, 391-397.	31.4	315
3	Superconducting TESLA cavities. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2000, 3, .	1.8	291
4	MariX, an advanced MHz-class repetition rate X-ray source for linear regime time-resolved spectroscopy and photon scattering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 930, 167-172.	1.6	29
5	BriXs Ultra High Flux Inverse Compton Source Based on Modified Push-Pull Energy Recovery Linacs. <i>Instruments</i> , 2019, 3, 49.	1.8	15
6	Fabrication and vertical test experience of the European X-ray Free Electron Laser 3.9ÅGHz superconducting cavities. <i>Physical Review Accelerators and Beams</i> , 2017, 20, .	1.6	12
7	Conceptual design of a high-brightness linac for soft X-ray SASE-FEL source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 507, 502-506.	1.6	10
8	Measurement of static force at liquid helium temperature. <i>Measurement Science and Technology</i> , 2007, 18, 2356-2364.	2.6	10
9	Two-pass two-way acceleration in a superconducting continuous wave linac to drive low jitter x-ray free electron lasers. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	10
10	Construction, Commissioning, and Cryogenic Performances of the First TESLA Test Facility (TTF) Cryomodule. , 1998, , 87-96.		8
11	First operations of the LNS heavy ions facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 382, 140-146.	1.6	4
12	Status of the high energy SC linac for the TRASCO program. , 0, , .		3
13	Production of 325 MHZ single spoke resonators at FNAL. , 2007, , .		3
14	Validation of the superconducting 3.9ÅGHz cavity package for the European X-ray Free Electron Laser. <i>Physical Review Accelerators and Beams</i> , 2017, 20, .	1.6	3
15	Mechanical Vibration Measurements on TTF Cryomodules. , 0, , .		2
16	Improved design of the ILC blade-tuner for large scale production. , 2007, , .		2
17	Performance analysis of the European X-ray Free Electron Laser 3.9ÅGHz superconducting cavities. <i>Physical Review Accelerators and Beams</i> , 2019, 22, .	1.6	2
18	A microstrip based position system for the alignment of the TTF cryostat. , 0, , .		1

#	ARTICLE	IF	CITATIONS
19	CARE activities on superconducting RF cavities at INFN Milano. , 2005, 5948, 292.		0
20	Improvement of the Blade Tuner Design for Superconducting RF Cavities. , 0, , .		0
21	A new wire position monitor readout system for ILC cryomodules. , 2007, , .		0
22	LASA Superconducting RF Cavities for Particle Accelerators. , 2018, , 293-305.		0