Ulrich Dorda

List of Publications by Year
in descending order

22	435	1040056 9	713466 21
papers	citations	h-index	g-index

22	22	22	454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Commissioning Results and Electron Beam Characterization with the S-Band Photoinjector at SINBAD-ARES. Instruments, 2021, 5, 28.	1.8	5
2	Highly scalable multicycle THz production with a homemade periodically poled macrocrystal. Communications Physics, 2020, 3, .	5.3	25
3	Challenges and tolerances for a compact and hybrid ultrafast X-ray pulse source based on RF and THz technologies. Journal of Physics: Conference Series, 2020, 1596, 012032.	0.4	0
4	SINBAD-ARES - A Photo-Injector for external Injection Experiments in novel Accelerators at DESY. Journal of Physics: Conference Series, 2020, 1596, 012036.	0.4	8
5	Feasibility study for a THz acceleration experiment on the PHIL accelerator at LAL. Journal of Physics: Conference Series, 2020, 1596, 012033.	0.4	1
6	Simulation of a concept for a compact ultrafast X-ray pulse source based on RF and THz technologies. Journal of Applied Physics, 2019, 125, 164901.	2.5	4
7	Status report of the SINBAD-ARES RF photoinjector and linac commissioning. Journal of Physics: Conference Series, 2019, 1350, 012019.	0.4	2
8	Numerical studies on electron beam quality optimization in a laser-driven plasma accelerator with external injection at SINBAD for ATHENA_e. Journal of Physics: Conference Series, 2019, 1350, 012058.	0.4	1
9	Performance analysis of the prototype THz-driven electron gun for the AXSIS project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 177-180.	1.6	5
10	Status and objectives of the dedicated accelerator R&D facility â€œSINBADâ€•at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 239-242.	1.6	19
11	Longitudinal phase space reconstruction simulation studies using a novel X-band transverse deflecting structure at the SINBAD facility at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 374-378.	1.6	8
12	Conceptual and Technical Design Aspects of Accelerators for External Injection in LWFA. Applied Sciences (Switzerland), 2018, 8, 757.	2.5	16
13	Beam dynamics and tolerance studies of the THz-driven electron linac for the AXSIS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 181-184.	1.6	3
14	Simulations on a potential hybrid and compact attosecond X-ray source based on RF and THz technologies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 185-192.	1.6	6
15	Horizon 2020 EuPRAXIA design study. Journal of Physics: Conference Series, 2017, 874, 012029.	0.4	60
16	Reconstruction of the 3D charge distribution of an electron bunch using a novel variable-polarization transverse deflecting structure (TDS). Journal of Physics: Conference Series, 2017, 874, 012077.	0.4	7
17	Beam dynamics in THz dielectric-loaded waveguides for the AXSIS project. Journal of Physics: Conference Series, 2017, 874, 012042.	0.4	6
18	Electron-beam manipulation techniques in the SINBAD Linac for external injection in plasma wake-field acceleration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 278-283.	1.6	14

#	Article	IF	Citations
19	AWAKE, The Advanced Proton Driven Plasma Wakefield Acceleration Experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 76-82.	1.6	77
20	Path to AWAKE: Evolution of the concept. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 3-16.	1.6	55
21	AXSIS: Exploring the frontiers in attosecond X-ray science, imaging and spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 24-29.	1.6	80
22	Sub-fs electron bunch generation with sub-10-fs bunch arrival-time jitter via bunch slicing in a magnetic chicane. Physical Review Accelerators and Beams, 2016, 19, .	1.6	33