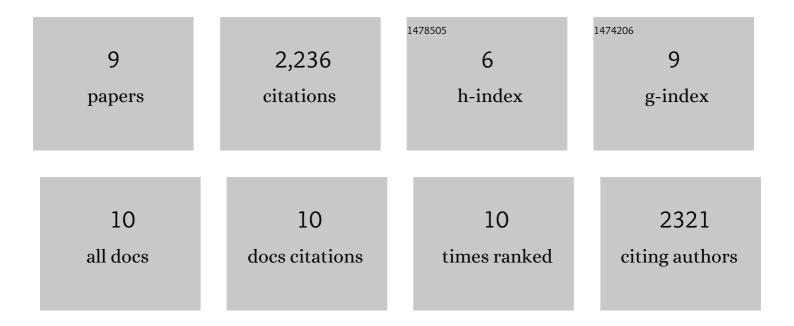
Winfried Decking

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Beam loss study for the implementation of corrugated structure at the European XFEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, , 166780. | 1.6 | 0 |
| 2 | Observation of harmonic lasing in the Angstrom regime at European X-ray Free Electron Laser. Physical Review Accelerators and Beams, 2021, 24, . | 1.6 | 4 |
| 3 | High-Fidelity Prediction of Megapixel Longitudinal Phase-Space Images of Electron Beams Using Encoder-Decoder Neural Networks. Physical Review Applied, 2021, 16, . | 3.8 | 14 |
| 4 | Frequency-Mixing Lasing Mode at European XFEL. Applied Sciences (Switzerland), 2021, 11, 8495. | 2.5 | 1 |
| 5 | Perspectives towards Sub-Ãngström Working Regime of the European X-ray Free-Electron Laser with Low-Emittance Electron Beams. Applied Sciences (Switzerland), 2021, 11, 10768. | 2.5 | 5 |
| 6 | A MHz-repetition-rate hard X-ray free-electron laser driven by a superconducting linear accelerator. Nature Photonics, 2020, 14, 391-397. | 31.4 | 315 |
| 7 | Simultaneous operation of two soft x-ray free-electron lasers driven by one linear accelerator. New Journal of Physics, 2016, 18, 062002. | 2.9 | 89 |
| 8 | Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342. | 31.4 | 1,455 |
| 9 | First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829. | 7.8 | 344 |