

# Feng Qiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4443550/publications.pdf>

Version: 2024-02-01

22  
papers

135  
citations

1307594

7  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a modified iterative learning control algorithm for superconducting radio-frequency cavities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1026, 166237.	1.6	5
2	Precise calibration of cavity forward and reflected signals using low-level radio-frequency system. Nuclear Science and Techniques/Hewuli, 2022, 33, 1.	3.4	3
3	Approach to calibrate actual cavity forward and reflected signals for continuous wave-operated cavities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1034, 166769.	1.6	1
4	Application of disturbance observer-based control on pulsed superconducting radio frequency cavities. Physical Review Accelerators and Beams, 2021, 24, .	1.6	5
5	RF commissioning of the compact energy recovery linac superconducting cavities in pulse mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 985, 164660.	1.6	7
6	Combined disturbance-observer-based control and iterative learning control design for pulsed superconducting radio frequency cavities. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	8
7	An approach to characterize Lorentz force transfer function for superconducting cavities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1012, 165633.	1.6	5
8	Active cancellation of power supply ripple effects in continuous wave superconducting radio frequency cavities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 955, 163280.	1.6	3
9	Phase drift compensation between injector linac master oscillator and ring master oscillator for stable beam injection at SuperKEKB. Physical Review Accelerators and Beams, 2019, 22, .	1.6	0
10	Construction and commissioning of the compact energy-recovery linac at KEK. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 877, 197-219.	1.6	34
11	Real-time cavity simulator-based low-level radio-frequency test bench and applications for accelerators. Physical Review Accelerators and Beams, 2018, 21, .	1.6	13
12	Digital low level rf control system for the International Linear Collider. Physical Review Accelerators and Beams, 2018, 21, .	1.6	7
13	Digital low level rf control system with four different intermediate frequencies for the International Linear Collider. Physical Review Accelerators and Beams, 2017, 20, .	1.6	3
14	An investigation of exciton behavior in type-II self-assembled GaSb/GaAs quantum dots. Nanotechnology, 2016, 27, 065602.	2.6	9
15	High accuracy amplitude and phase measurements based on a double heterodyne architecture. Chinese Physics C, 2015, 39, 017002.	3.7	2
16	Application of disturbance observer-based control in low-level radio-frequency system in a compact energy recovery linac at KEK. Physical Review Special Topics: Accelerators and Beams, 2015, 18, .	1.8	14
17	High-gradient near-quench-limit operation of superconducting Tesla-type cavities in scope of the International Linear Collider. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	4
18	Horizontal test for BEPCII 500 MHz spare cavity. Chinese Physics C, 2012, 36, 996-999.	3.7	3

#	ARTICLE	IF	CITATIONS
19	A new IQ detection method for LLRF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 675, 139-143.	1.6	3
20	A digital low-level radio-frequency system R&D for a 1.3 GHz nine-cell cavity. Chinese Physics C, 2012, 36, 261-266.	3.7	0
21	Status of the IHEP 1.3 GHz superconducting RF program. Science China: Physics, Mechanics and Astronomy, 2011, 54, 154-159.	5.1	2
22	R&D of BEPCII 500 MHz superconducting cavity. Science China: Physics, Mechanics and Astronomy, 2011, 54, 178-181.	5.1	4