

Seong-Heon Seo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1478505

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a digital integrator for the KSTAR device. Review of Scientific Instruments, 2010, 81, 123507.	1.3	17
2	Development of frequency modulation reflectometer for Korea Superconducting Tokamak Advanced Research tokamak. Review of Scientific Instruments, 2013, 84, 084702.	1.3	16
3	Phase measurement algorithm without phase jump. Review of Scientific Instruments, 2005, 76, 036104.	1.3	11
4	Development of frequency modulation reflectometer for KSTAR tokamak: Data analysis based on Gaussian derivative wavelet. Review of Scientific Instruments, 2012, 83, 10E342.	1.3	11
5	<i>In-situ</i> frequency calibration of frequency modulated continuous wave reflectometry. Review of Scientific Instruments, 2018, 89, 10H121.	1.3	7
6	A frequency measurement algorithm for non-stationary signals by using wavelet transform. Review of Scientific Instruments, 2016, 87, 11E710.	1.3	6
7	IQ Detector Phase Measurement Algorithm Based on Center Aligned Fourier Transform. Fusion Science and Technology, 2009, 55, 176-179.	1.1	5
8	Sustainable internal transport barrier discharge at KSTAR. Nuclear Fusion, 2021, 61, 126051.	3.5	5
9	Circuit model based predistortion technique for linear frequency modulation of voltage controlled oscillator. Review of Scientific Instruments, 2019, 90, 103506.	1.3	3
10	The effects of the misalignment of Mirnov coils in mode analysis based on the phase detection method. Physics of Plasmas, 2019, 26, .	1.9	3
11	Development of Ethernet emulation driver for reflective memory. Fusion Engineering and Design, 2010, 85, 561-563.	1.9	2
12	The electron density profile measurement with a fast time-resolution in the KSTAR tokamak. Journal of the Korean Physical Society, 2014, 65, 1299-1303.	0.7	1