

Seong-Heon Seo

List of Publications by Year in descending order

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102
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable internal transport barrier discharge at KSTAR. Nuclear Fusion, 2021, 61, 126051.	3.5	5
2	Circuit model based predistortion technique for linear frequency modulation of voltage controlled oscillator. Review of Scientific Instruments, 2019, 90, 103506.	1.3	3
3	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
4	<i>In-situ</i> frequency calibration of frequency modulated continuous wave reflectometry. Review of Scientific Instruments, 2018, 89, 10H121.	1.3	7
5	A frequency measurement algorithm for non-stationary signals by using wavelet transform. Review of Scientific Instruments, 2016, 87, 11E710.	1.3	6
6	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
7	Development of frequency modulation reflectometer for Korea Superconducting Tokamak Advanced Research tokamak. Review of Scientific Instruments, 2013, 84, 084702.	1.3	16
8	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
9	Development of Ethernet emulation driver for reflective memory. Fusion Engineering and Design, 2010, 85, 561-563.	1.9	2
10	Development of a digital integrator for the KSTAR device. Review of Scientific Instruments, 2010, 81, 123507.	1.3	17
11	IQ Detector Phase Measurement Algorithm Based on Center Aligned Fourier Transform. Fusion Science and Technology, 2009, 55, 176-179.	1.1	5
12	Phase measurement algorithm without phase jump. Review of Scientific Instruments, 2005, 76, 036104.	1.3	11