

Jeehyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

114
citations

1684188
5
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1281871
11
g-index

15
all docs

15
docs citations

15
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of KSTAR results. Nuclear Fusion, 2013, 53, 104005.	3.5	45
2	Reactive sputtering of magnesium oxide thin film for plasma display panel applications. Thin Solid Films, 2004, 460, 295-299.	1.8	18
3	Ballistic-Mode Plasma-Based Ion Implantation for Surface-Resistivity Modification of Polyimide Film. IEEE Transactions on Plasma Science, 2012, 40, 1749-1752.	1.3	9
4	Design and tests of 500 kW RF windows for the ITER LHCD system. Fusion Engineering and Design, 2015, 94, 22-30.	1.9	9
5	Development of a compact ICRF antenna for high-power and long-pulse plasma heating in the KSTAR. Fusion Engineering and Design, 2020, 154, 111496.	1.9	7
6	Design of mid-plane passive active multijunction antenna for 5-GHz KSTAR LHCD system. Fusion Engineering and Design, 2017, 123, 299-302.	1.9	5
7	XOOPIC Simulation of Ion Motion and Sheath Behavior Caused by a Sudden Negative Pulse Applied to an Electrode. Journal of the Korean Physical Society, 2008, 53, 3758-3762.	0.7	5
8	High field side LHCD launcher study for KSTAR. Fusion Engineering and Design, 2019, 146, 406-410.	1.9	4
9	Design of multipactor-suppressed high-power VFT for helicon current drive in KSTAR. Fusion Engineering and Design, 2020, 161, 111960.	1.9	4
10	Study on rectangular-to-circular waveguide mode converter for KSTAR LHCD transmission line. Fusion Engineering and Design, 2018, 135, 132-140.	1.9	3
11	Use of the Far Infrared Tangential Interferometer/Polarimeter diagnostic for the study of rf driven plasma waves on NSTX. Review of Scientific Instruments, 2010, 81, 10D527.	1.3	2
12	Large area deposition technique of magnesium oxide thin film for plasma display panel applications. , 2006, , .		1
13	Design and RF measurements of a 5 GHz 500 kW window for the ITER LHCD system. , 2014, , .		1
14	Validation of 500-kW/1000-s operation of 5-GHz klystron for KSTAR LHCD system. Fusion Engineering and Design, 2019, 139, 142-147.	1.9	1
15	Mid-plane PAM launcher study for KSTAR LHCD system. Fusion Engineering and Design, 2019, 144, 29-39.	1.9	0