

# Lei Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1703845/publications.pdf>

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153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Verification and validation of integrated simulation of energetic particles in fusion plasmas. Nuclear Fusion, 2019, 59, 066006.	1.6	40
2	Synthetic diagnostic for electron cyclotron emission imaging. Review of Scientific Instruments, 2018, 89, 10H117.	0.6	16
3	The effects of kinetic instabilities on the electron cyclotron emission from runaway electrons. Nuclear Fusion, 2018, 58, 096030.	1.6	11
4	Millimeter-wave imaging of magnetic fusion plasmas: technology innovations advancing physics understanding. Nuclear Fusion, 2017, 57, 072007.	1.6	21
5	Synthetic diagnostic for the beam emission spectroscopy diagnostic using a full optical integration. Plasma Physics and Controlled Fusion, 2017, 59, 025017.	0.9	4
6	Synthetic diagnostics platform for fusion plasmas (invited). Review of Scientific Instruments, 2016, 87, 11D303.	0.6	31
7	Microwave Imaging Reflectometry for the study of Edge Harmonic Oscillations on DIII-D. Journal of Instrumentation, 2015, 10, P10036-P10036.	0.5	10
8	Process to generate a synthetic diagnostic for microwave imaging reflectometry with the full-wave code FWR2D. Review of Scientific Instruments, 2014, 85, 11D863.	0.6	12
9	Comparison of Measurement and Modeling of Current Profile Changes due to Neutral Beam Ion Redistribution during TAE Avalanches in NSTX. Plasma and Fusion Research, 2013, 8, 2402119-2402119.	0.3	1