Toshikio Takimoto

List of Publications by Year
in descending order

16	35	1937685 4	2053705 5
papers	citations	h-index	g-index

16	16	16	12
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasma irradiation experiment on the metal pebble flow in the TPDsheet-U. Fusion Engineering and Design, 2021, 165, 112236.	1.9	3
2	Characteristics of co-extracted electron beam current in sheet plasma-type cesium-free negative-ion source. Fusion Engineering and Design, 2021, 168, 112676.	1.9	2
3	Characteristics of the extracted negative-ion beam in a cesium-free negative-ion source using TPDsheet-U. Nuclear Fusion, 2021, 61, 106030.	3.5	3
4	Characteristics of extracted ion beam of cesium-free negative ion source TPDsheet-U. , 2021, , .		0
5	Characteristics of extracted ion beam from a cesium-free negative ion source using sheet plasma. Review of Scientific Instruments, 2020, 91, 113302.	1.3	4
6	Development of Cs-Free Negative-Ion Source by Sheet Plasma. Plasma and Fusion Research, 2020, 15, 2401029-2401029.	0.7	4
7	Model analysis of a detached plasma in the linear divertor simulator TPD-Sheet IV. Journal of Advanced Science, 2020, 32, n/a.	0.1	0
8	Similarity of behavior between a recombination sheet plasma and aurora-curl. Journal of Advanced Science, 2020, 32, n/a.	0.1	0
9	Investigating the effects of a magnetic field divergence on plasma heat load using the linear divertor simulator TPD-Sheet IV. Nuclear Materials and Energy, 2019, 19, 352-357.	1.3	2
10	Characteristics of cesium-free negative hydrogen/deuterium ion source by sheet plasma. Fusion Engineering and Design, 2019, 146, 2721-2724.	1.9	8
11	Plasma Expansion in H₂, He, Ar, and H₂-He Plasma. Plasma and Fusion Research, 2019, 14, 2405113-2405113.	0.7	1
12	Retention and permeation properties of deuterium in tungsten under irradiation of the Dâ€“He mixture plasma. Fusion Engineering and Design, 2018, 136, 545-548.	1.9	2
13	Development of cesium-free negative ion source by using high density sheet plasma. AIP Conference Proceedings, 2018, , .	0.4	1
14	Production of hydrogen negative ions in high density sheet plasma. AIP Conference Proceedings, 2018, , .	0.4	1
15	Experimental simulation of the Super-X divertor for detached plasma using TPD-Sheet IV. Fusion Engineering and Design, 2017, 124, 235-238.	1.9	4
16	Measurement of the negative ions temperature in the hydrogen sheet plasma using an omegatron mass spectrometer contained a function of an ion energy analyzer. Journal of Advanced Science, 2016, 28, n/a.	0.1	0