

Yoshiharu Nakamura

List of Publications by Year in descending order

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29
papers

2,542
citations

516710

16
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of B Content on the Magnetostrictive Properties of Single-Crystalline, Poly-Crystalline, and Amorphous Fe-Co-B Alloy Films. Journal of the Magnetism Society of Japan, 2021, 45, 136-141.	0.9	4
2	Vortex formation in a strongly coupled dusty plasma flow past an obstacle. Physics of Plasmas, 2020, 27, .	1.9	11
3	10.1063/5.0022356.1. , 2020, , .		0
4	Observation of second order ion acoustic Peregrine breather in multicomponent plasma with negative ions. Physics of Plasmas, 2016, 23, .	1.9	49
5	Observation of dust acoustic shock wave in a strongly coupled dusty plasma. Physics of Plasmas, 2016, 23, .	1.9	28
6	Observation of dust acoustic multi-solitons in a strongly coupled dusty plasma. Physics of Plasmas, 2016, 23, 093704.	1.9	17
7	10.1063/1.4950832.1. , 2016, , .		0
8	10.1063/1.4962566.1. , 2016, , .		0
9	Oblique collision of dust acoustic solitons in a strongly coupled dusty plasma. Physics of Plasmas, 2015, 22, .	1.9	15
10	Bow Shock Formation in a Complex Plasma. Physical Review Letters, 2012, 108, 065004.	7.8	46
11	Dust charge measurement in a strongly coupled dusty plasma produced by an rf discharge. Plasma Sources Science and Technology, 2012, 21, 045002.	3.1	13
12	Characteristics of ion-acoustic solitary wave in a laboratory dusty plasma under the influence of ion-beam. Physics of Plasmas, 2012, 19, .	1.9	33
13	Observation of Peregrine Solitons in a Multicomponent Plasma with Negative Ions. Physical Review Letters, 2011, 107, 255005.	7.8	610
14	Observation of Bow Structures in a Complex Plasma. , 2011, , .		0
15	Shock Wave Propagation in a Dusty Plasma Crystal. AIP Conference Proceedings, 2011, , .	0.4	1
16	Effect of ion beam on the propagation of rarefactive solitons in multicomponent plasma with negative ions. Physics of Plasmas, 2010, 17, .	1.9	13
17	Measurements of electric charge and screening length of microparticles in a plasma sheath. Physics of Plasmas, 2009, 16, 043704.	1.9	11
18	A complex plasma device of large surface area. Review of Scientific Instruments, 2008, 79, 033504.	1.3	14

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19	Observation of ion-acoustic shock wave transition due to enhanced Landau damping. Physics of Plasmas, 2008, 15, 052311.	1.9	10
20	Observation of sheath modification in laboratory dusty plasma. Physics of Plasmas, 2007, 14, .	1.9	45
21	Observation of ion-acoustic solitary waves in a dusty plasma. Physics of Plasmas, 2001, 8, 3921-3926.	1.9	259
22	Observation of Ion-Acoustic Shocks in a Dusty Plasma. Physical Review Letters, 1999, 83, 1602-1605.	7.8	558
23	Oblique collision of modified Kortewegâ€”de Vries ion-acoustic solitons. Physics of Plasmas, 1999, 6, 3466-3470.	1.9	79
24	Observation of modulational instability in a multi-component plasma with negative ions. Journal of Plasma Physics, 1993, 50, 231-242.	2.1	73
25	Experiments on ion-acoustic rarefactive solitons in a multi-component plasma with negative ions. Journal of Plasma Physics, 1985, 33, 237-248.	2.1	125
26	Observation of Ion-Acoustic Rarefaction Solitons in a Multicomponent Plasma with Negative Ions. Physical Review Letters, 1984, 52, 275-278.	7.8	163
27	Observation of Modified Kortewegâ€”de Vries Solitons in a Multicomponent Plasma with Negative Ions. Physical Review Letters, 1984, 52, 2356-2359.	7.8	207
28	Experiments on Ion-Acoustic Solitons in Plasmas Invited Review Article. IEEE Transactions on Plasma Science, 1982, 10, 180-195.	1.3	127
29	Resonant interaction of cylindrical ion-acoustic solitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 85, 151-154.	2.1	31