Raju Khanal

List of Publications by Year
in descending order

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19 papers	99 citations	1478505 6 h-index	1474206 9 g-index
19 all docs	19 docs citations	19 times ranked	79 citing authors

#	Article	IF	Citations
1	Kinetic-theory-based investigation of electronegative plasmaâ€“wall transition with two populations of electrons. Plasma Science and Technology, 2021, 23, 035002.	1.5	1
2	Plasma-wall transition in two ion species plasma with bi-Maxwellian electrons. AIP Advances, 2021, 11, 025242.	1.3	2
3	Characteristics of Magnetized Dusty Plasma Sheath With Two Ion Species and q-Nonextensive Electrons. IEEE Transactions on Plasma Science, 2021, 49, 1268-1277.	1.3	7
4	Numerical investigation of sheath characteristics for electronegative magnetized plasma and dust charging. Physics of Plasmas, 2021, 28, .	1.9	4
5	Eccentric and Concentric Motion Motion of Hamstring during the Leg Curl. Journal of Institute of Science and Technology, 2021, 26, 111-117.	0.5	0
6	Kinetic simulation of an electronegative plasma with a cut-off distribution and modified Bohm criterion. Plasma Science and Technology, 2020, 22, 045001.	1.5	2
7	Effect of presheath electron temperature on magnetized plasma-wall transition and wall sputtering by plasma having two species of positive ions. Physica Scripta, 2020, 95, 065601.	2.5	3
8	Electronegative magnetized plasma sheath properties in the presence of non-Maxwellian electrons with a homogeneous ion source. Plasma Physics and Controlled Fusion, 2020, 62, 115011.	2.1	10
9	Investigation of multi-component magnetized plasma interaction with the carbon surface. AIP Advances, 2019, 9, 095030.	1.3	4
10	Presheath-sheath coupling for kinetic trajectory simulation of a magnetized plasma sheath. AIP Advances, 2019, 9, 055123.	1.3	5
11	Magnetized plasma sheath properties in the presence of Maxwellian low-temperature and non-Maxwellian high-temperature electrons. Physics of Plasmas, 2019, 26, .	1.9	12
12	Characterization of Arc Plasma by Movable Single and Double Langmuir Probes. Fusion Science and Technology, 2019, 75, 324-329.	1.1	5
13	Kinetic trajectory simulation method for the multi-component magnetized plasma sheath. Plasma Physics and Controlled Fusion, 2019, 61, 065022.	2.1	5
14	Response of carbon and tungsten surfaces to hydrogen plasma of different temperatures. Physics of Plasmas, 2018, 25, .	1.9	2
15	Effects of collision and ion Mach number on magnetized plasma sheath with two species of positive ions. AIP Advances, 2018, 8, 105321.	1.3	7
16	Improvement of wettability and absorbancy of textile using atmospheric pressure dielectric barrier discharge. AIP Advances, 2017, 7, 085213.	1.3	15
17	Measurement of Model Parameters Versus Gas Pressure in High-Performance Plasma Focus NX1 and NX2 Operated in Neon. IEEE Transactions on Plasma Science, 2017, 45, 2292-2297.	1.3	3
18	Self-consistent one dimension in space and three dimension in velocity kinetic trajectory simulation model of magnetized plasma-wall transition. Physics of Plasmas, 2015, 22, .	1.9	11

#	Article	IF	Citations
19	Effect of non-uniform magnetic field on two ion species plasma-wall transition. Plasma Physics and Controlled Fusion, 0, , .	2.1	1