

# Raju Khanal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1653226/publications.pdf>

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19  
papers

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citations

1478505

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h-index

1474206

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g-index

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all docs

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docs citations

19  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of wettability and absorbancy of textile using atmospheric pressure dielectric barrier discharge. AIP Advances, 2017, 7, 085213.	1.3	15
2	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
3	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
4	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
5	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
6	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
7	Presheath-sheath coupling for kinetic trajectory simulation of a magnetized plasma sheath. AIP Advances, 2019, 9, 055123.	1.3	5
8	Characterization of Arc Plasma by Movable Single and Double Langmuir Probes. Fusion Science and Technology, 2019, 75, 324-329.	1.1	5
9	Kinetic trajectory simulation method for the multi-component magnetized plasma sheath. Plasma Physics and Controlled Fusion, 2019, 61, 065022.	2.1	5
10	Investigation of multi-component magnetized plasma interaction with the carbon surface. AIP Advances, 2019, 9, 095030.	1.3	4
11	Numerical investigation of sheath characteristics for electronegative magnetized plasma and dust charging. Physics of Plasmas, 2021, 28, .	1.9	4
12	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
13	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
14	Response of carbon and tungsten surfaces to hydrogen plasma of different temperatures. Physics of Plasmas, 2018, 25, .	1.9	2
15	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
16	Plasma-wall transition in two ion species plasma with bi-Maxwellian electrons. AIP Advances, 2021, 11, 025242.	1.3	2
17	Kinetic-theory-based investigation of electronegative plasmaâ€™wall transition with two populations of electrons. Plasma Science and Technology, 2021, 23, 035002.	1.5	1
18	Effect of non-uniform magnetic field on two ion species plasma-wall transition. Plasma Physics and Controlled Fusion, 0, , .	2.1	1

#	ARTICLE	IF	CITATIONS
19	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