

Ravi Sankar Vaddi

List of Publications by Year in descending order

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papers

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citations

1306789

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docs citations

8
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical model of electro-hydrodynamic flow in corona discharge. <i>Physics of Plasmas</i> , 2018, 25, 083507.	0.7	35
2	Experimental and numerical investigation of electrohydrodynamic flow in a point-to-ring corona discharge. <i>Physical Review Fluids</i> , 2018, 3, .	1.0	29
3	Behavior of ultrafine particles in electro-hydrodynamic flow induced by corona discharge. <i>Journal of Aerosol Science</i> , 2020, 148, 105587.	1.8	18
4	Drag, lift, and torque on a prolate spheroid resting on a smooth surface in a linear shear flow. <i>Powder Technology</i> , 2021, 377, 958-965.	2.1	16
5	A laser-microfabricated electrohydrodynamic thruster for centimeter-scale aerial robots. <i>PLoS ONE</i> , 2020, 15, e0231362.	1.1	13
6	Analytical model for electrohydrodynamic thrust. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200220.	1.0	11
7	Empirical relations for discharge current and momentum injection in dielectric barrier discharge plasma actuators. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 245204.	1.3	7