

Joshua L Rovey

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

60
citations

1684188
5
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Force Space Propulsion. Journal of Spacecraft and Rockets, 2015, 52, 1163-1168.	1.9	19
2	Impulse and Performance Measurements of Electric Solid Propellant in a Laboratory Electrothermal Ablation-Fed Pulsed Plasma Thruster. Aerospace, 2020, 7, 70.	2.2	10
3	Multiscale modeling of fragmentation in an electrospray plume. Journal of Applied Physics, 2021, 130, 184903.	2.5	10
4	Ion-induced charge emission from unpolished surfaces bombarded by an [Emim][BF4] electrospray plume. Journal of Applied Physics, 2022, 131, .	2.5	8
5	Transmission Spectrum of Asymmetric Nanostructures for Plasmonic Space Propulsion. Journal of Spacecraft and Rockets, 2016, 53, 998-1000.	1.9	7
6	Nanoparticle injector for photonic manipulators using dielectrophoresis. AIP Advances, 2019, 9, 065109.	1.3	2
7	Effect of Metal Sequestrants on the Decomposition of Hydroxylammonium Nitrate. Catalysts, 2021, 11, 1488.	3.5	2
8	Effect of Nonlinear Mixing on Electrospray Propulsion Predictions. Journal of Propulsion and Power, 2021, 37, 167-170.	2.2	1
9	Dielectrophoretic nanoparticle injector for photonic manipulator systems. , 2019, , .		1
10	Dielectrophoretic Nanoparticle Propellant Injection with Plasmonic Acceleration. , 2018, , .		0
11	Asymmetric semiconductor nanostructures for particle manipulation. AIP Advances, 2020, 10, 095129.	1.3	0