

# Joshua L Rovey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7358310/publications.pdf>

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