

# Forrest Doss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7530067/publications.pdf>

Version: 2024-02-01

12  
papers

129  
citations

1307543

7  
h-index

1281846

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Late-Time Mixing Sensitivity to Initial Broadband Surface Roughness in High-Energy-Density Shear Layers. <i>Physical Review Letters</i> , 2016, 117, 225001.	7.8	25
2	Late-time mixing and turbulent behavior in high-energy-density shear experiments at high Atwood numbers. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	22
3	Ablative stabilization of Rayleigh-Taylor instabilities resulting from a laser-driven radiative shock. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	18
4	Shock-driven discrete vortex evolution on a high-Atwood number oblique interface. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	16
5	Observation and analysis of emergent coherent structures in a high-energy-density shock-driven planar mixing layer experiment. <i>Physical Review E</i> , 2016, 94, 023101.	2.1	14
6	Shock-driven hydrodynamic instability of a sinusoidally perturbed, high-Atwood number, oblique interface. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	11
7	The modeling of delayed-onset Rayleigh-Taylor and transition to mixing in laser-driven HED experiments. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	7
8	A novel, magnetically driven convergent Richtmyer-Meshkov platform. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	7
9	Studying the Richtmyer-Meshkov instability in convergent geometry under high energy density conditions using the Decel platform. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	4
10	Three-dimensional signatures of self-similarity in a high-energy-density plasma shear-driven mixing layer. <i>Physics of Plasmas</i> , 2020, 27, 032701.	1.9	3
11	Improved imaging using Mn He- $\hat{1}\pm$ x rays at OMEGA EP. <i>Review of Scientific Instruments</i> , 2021, 92, 093508.	1.3	2
12	Advection versus diffusion in Richtmyer-Meshkov mixing. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 430, 127976.	2.1	0