

# Juan Gustavo Wouchuk Schmidt

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

226  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
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9  
docs citations

9  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth rate of the linear Richtmyer-Meshkov instability when a shock is reflected. <i>Physical Review E</i> , 2001, 63, 056303.	2.1	113
2	Shock front distortion and Richtmyer-Meshkov-type growth caused by a small preshock nonuniformity. <i>Physics of Plasmas</i> , 2007, 14, .	1.9	29
3	Analytical scalings of the linear Richtmyer-Meshkov instability when a shock is reflected. <i>Physical Review E</i> , 2016, 93, 053111.	2.1	20
4	Analytical scalings of the linear Richtmyer-Meshkov instability when a rarefaction is reflected. <i>Physical Review E</i> , 2017, 96, 013102.	2.1	16
5	Analytical asymptotic velocities in linear Richtmyer-Meshkov-like flows. <i>Physical Review E</i> , 2014, 90, 053007.	2.1	13
6	Instability of a planar expansion wave. <i>Physical Review E</i> , 2005, 72, 046306.	2.1	12
7	Linear perturbation growth at the trailing edge of a rarefaction wave. <i>Physics of Plasmas</i> , 2003, 10, 4237-4252.	1.9	11
8	Analytic solution for the zero-order postshock profiles when an incident planar shock hits a planar contact surface. <i>Physical Review E</i> , 2019, 100, 033107.	2.1	6
9	Multi-mode hydrodynamic evolution of perturbations seeded by isolated surface defects. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	6