

James Pantaleone

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

614
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronization of metronomes. American Journal of Physics, 2002, 70, 992-1000.	0.7	230
2	From Chemical Gardens to Chemobrionics. Chemical Reviews, 2015, 115, 8652-8703.	47.7	216
3	Pressure oscillations in a chemical garden. Physical Review E, 2009, 79, 056221.	2.1	36
4	Oscillations of a chemical garden. Physical Review E, 2008, 77, 046207.	2.1	34
5	The added mass of a spherical projectile. American Journal of Physics, 2011, 79, 1202-1210.	0.7	24
6	The dynamics of open precipitation tubes. Journal of Chemical Physics, 2014, 140, 244901.	3.0	21
7	A quantitative analysis of the chain fountain. American Journal of Physics, 2017, 85, 414-421.	0.7	15
8	Emergence of Complex Behavior in Chemical Cells: The System $\text{AlCl}_3 \text{NaOH}$. Langmuir, 2014, 30, 5726-5731.	3.5	12
9	The Effective Mass of a Ball in the Air. Physics Teacher, 2010, 48, 52-54.	0.3	9
10	Spontaneous formation of complex structures made from elastic membranes in an aluminum-hydroxide-carbonate system. Chaos, 2015, 25, 064310.	2.5	8
11	A Bullet-Block Experiment that Explains the Chain Fountain. Physics Teacher, 2018, 56, 294-297.	0.3	3
12	The added mass of a falling coffee filter. European Journal of Physics, 2021, 42, 045005.	0.6	3
13	Understanding how a falling ball chain can be speeded up by impact onto a surface. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180578.	2.1	2
14	The increasing added mass of a bouncing ball. European Journal of Physics, 0, , .	0.6	1
15	Growth and form of a self-constructing tube network. Chaos, 2019, 29, 123103.	2.5	0
16	Understanding and enhancing the impact-induced tension of a falling chain. American Journal of Physics, 2021, 89, 267-276.	0.7	0