

# Mark Denny

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

300  
citations

1163117

8  
h-index

888059

17  
g-index

38  
all docs

38  
docs citations

38  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to importance sampling in rare-event simulations. European Journal of Physics, 2001, 22, 403-411.	0.6	63
2	Dynamic soaring: aerodynamics for albatrosses. European Journal of Physics, 2009, 30, 75-84.	0.6	37
3	Stickâ€‘slip motion: an important example of self-excited oscillation. European Journal of Physics, 2004, 25, 311-322.	0.6	33
4	Watt steam governor stability. European Journal of Physics, 2002, 23, 339-351.	0.6	30
5	The dynamics of antilock brake systems. European Journal of Physics, 2005, 26, 1007-1016.	0.6	26
6	The pendulum clock: a venerable dynamical system. European Journal of Physics, 2002, 23, 449-458.	0.6	20
7	The Internal Ballistics of an Air Gun. Physics Teacher, 2011, 49, 81-83.	0.3	15
8	Tree hydraulics: how sap rises. European Journal of Physics, 2012, 33, 43-53.	0.6	10
9	Siege engine dynamics. European Journal of Physics, 2005, 26, 561-577.	0.6	8
10	A uniform explanation of all falling chain phenomena. American Journal of Physics, 2020, 88, 94-101.	0.7	8
11	Gas gun dynamics. European Journal of Physics, 2013, 34, 1327-1336.	0.6	6
12	Comment on â€‘On the motion of an ice hockey puck,â€‘ by K. Voyerli and E. Eriksen [Am. J. Phys. 53 (12), 1149â€‘1153 (1985)]. American Journal of Physics, 2006, 74, 554-556.	0.7	5
13	Ice Deformation Explains Curling Stone Trajectories. Tribology Letters, 2022, 70, 1.	2.6	4
14	Optimum Onager: The Classical Mechanics of a Classical Siege Engine. Physics Teacher, 2009, 47, 574-578.	0.3	3
15	Nonlinear modes of a helicoseir. European Journal of Physics, 2020, 41, 065001.	0.6	3
16	A First-Principles Model of Curling Stone Dynamics. Tribology Letters, 2022, 70, .	2.6	3
17	Comment on â€‘Applications of Bohrâ€™s correspondence principle,â€‘ by Frank S. Crawford [Am. J. Phys. 57 (7), 621â€‘628 (1989)]. American Journal of Physics, 1999, 67, 1021-1021.	0.7	2
18	Harmonic oscillator quantization: kinetic theory approach. European Journal of Physics, 2002, 23, 183-190.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Weather Balloon Ascent Rate. <i>Physics Teacher</i> , 2016, 54, 268-271.	0.3	2
20	Curling-the last word. <i>Physics World</i> , 1997, 10, 20-22.	0.0	1
21	Recurrence interval for a circular random walk. <i>European Journal of Physics</i> , 2000, 21, 421-426.	0.6	1
22	The Tourbillon and How It Works [Applications of Control]. <i>IEEE Control Systems</i> , 2010, 30, 19-78.	0.8	1
23	Fly away home. <i>Physics World</i> , 2012, 25, 38-42.	0.0	1
24	Space tether dynamics: an introduction. <i>European Journal of Physics</i> , 2018, 39, 035007.	0.6	1
25	Balloon and chain: an instructive variable mass system. <i>European Journal of Physics</i> , 2021, 42, 025013.	0.6	1
26	Tractrix with inertia. <i>European Journal of Physics</i> , 2021, 42, 045010.	0.6	1
27	Physics between a fly's ears. <i>European Journal of Physics</i> , 2008, 29, 1051-1057.	0.6	0
28	More physics in the laundromat. <i>American Journal of Physics</i> , 2010, 78, 1397-1399.	0.7	0
29	How fast does a building fall?. <i>European Journal of Physics</i> , 2010, 31, 943-948.	0.6	0
30	Verge and Foliot Clock Escapement: A Simple Dynamical System. <i>Physics Teacher</i> , 2010, 48, 374-376.	0.3	0
31	Depth Control of the Brennan Torpedo [Historical Perspectives]. <i>IEEE Control Systems</i> , 2011, 31, 66-73.	0.8	0
32	Long migration flights of birds. <i>European Journal of Physics</i> , 2014, 35, 035016.	0.6	0
33	Harmonic balance: simple and accurate estimation of nonlinear oscillator parameters. <i>European Journal of Physics</i> , 2021, 42, 065014.	0.6	0
34	Reflection from a Potential Well and from a Potential Barrier. <i>Physics Teacher</i> , 2022, 60, 348-350.	0.3	0