

Mark Denny

List of Publications by Year in descending order

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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	Ice Deformation Explains Curling Stone Trajectories. Tribology Letters, 2022, 70, 1.	2.6	4
2	Reflection from a Potential Well and from a Potential Barrier. Physics Teacher, 2022, 60, 348-350.	0.3	0
3	A First-Principles Model of Curling Stone Dynamics. Tribology Letters, 2022, 70, .	2.6	3
4	Balloon and chain: an instructive variable mass system. European Journal of Physics, 2021, 42, 025013.	0.6	1
5	Tractrix with inertia. European Journal of Physics, 2021, 42, 045010.	0.6	1
6	Harmonic balance: simple and accurate estimation of nonlinear oscillator parameters. European Journal of Physics, 2021, 42, 065014.	0.6	0
7	Nonlinear modes of a helicoseir. European Journal of Physics, 2020, 41, 065001.	0.6	3
8	A uniform explanation of all falling chain phenomena. American Journal of Physics, 2020, 88, 94-101.	0.7	8
9	Space tether dynamics: an introduction. European Journal of Physics, 2018, 39, 035007.	0.6	1
10	Weather Balloon Ascent Rate. Physics Teacher, 2016, 54, 268-271.	0.3	2
11	Long migration flights of birds. European Journal of Physics, 2014, 35, 035016.	0.6	0
12	Gas gun dynamics. European Journal of Physics, 2013, 34, 1327-1336.	0.6	6
13	Tree hydraulics: how sap rises. European Journal of Physics, 2012, 33, 43-53.	0.6	10
14	Fly away home. Physics World, 2012, 25, 38-42.	0.0	1
15	Depth Control of the Brennan Torpedo [Historical Perspectives]. IEEE Control Systems, 2011, 31, 66-73.	0.8	0
16	The Internal Ballistics of an Air Gun. Physics Teacher, 2011, 49, 81-83.	0.3	15
17	More physics in the laundromat. American Journal of Physics, 2010, 78, 1397-1399.	0.7	0
18	How fast does a building fall?. European Journal of Physics, 2010, 31, 943-948.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Verge and Foliot Clock Escapement: A Simple Dynamical System. <i>Physics Teacher</i> , 2010, 48, 374-376.	0.3	0
20	The Tourbillon and How It Works [Applications of Control]. <i>IEEE Control Systems</i> , 2010, 30, 19-78.	0.8	1
21	Dynamic soaring: aerodynamics for albatrosses. <i>European Journal of Physics</i> , 2009, 30, 75-84.	0.6	37
22	Optimum Onager: The Classical Mechanics of a Classical Siege Engine. <i>Physics Teacher</i> , 2009, 47, 574-578.	0.3	3
23	Physics between a fly's ears. <i>European Journal of Physics</i> , 2008, 29, 1051-1057.	0.6	0
24	Comment on "On the motion of an ice hockey puck," by K. Voyerli and E. Eriksen [<i>Am. J. Phys.</i> 53 (12), 1149-1153 (1985)]. <i>American Journal of Physics</i> , 2006, 74, 554-556.	0.7	5
25	Siege engine dynamics. <i>European Journal of Physics</i> , 2005, 26, 561-577.	0.6	8
26	The dynamics of antilock brake systems. <i>European Journal of Physics</i> , 2005, 26, 1007-1016.	0.6	26
27	Stick-slip motion: an important example of self-excited oscillation. <i>European Journal of Physics</i> , 2004, 25, 311-322.	0.6	33
28	Watt steam governor stability. <i>European Journal of Physics</i> , 2002, 23, 339-351.	0.6	30
29	Harmonic oscillator quantization: kinetic theory approach. <i>European Journal of Physics</i> , 2002, 23, 183-190.	0.6	2
30	The pendulum clock: a venerable dynamical system. <i>European Journal of Physics</i> , 2002, 23, 449-458.	0.6	20
31	Introduction to importance sampling in rare-event simulations. <i>European Journal of Physics</i> , 2001, 22, 403-411.	0.6	63
32	Recurrence interval for a circular random walk. <i>European Journal of Physics</i> , 2000, 21, 421-426.	0.6	1
33	Comment on "Applications of Bohr's correspondence principle," by Frank S. Crawford [<i>Am. J. Phys.</i> 57 (7), 621-628 (1989)]. <i>American Journal of Physics</i> , 1999, 67, 1021-1021.	0.7	2
34	Curling-the last word. <i>Physics World</i> , 1997, 10, 20-22.	0.0	1