Dan Macisaac

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11823929/publications.pdf

Version: 2024-02-01

486 233 6 12
papers citations h-index g-index

531 531 531 170 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Call to Sign a Petition on Executive Order 13950. Physics Teacher, 2021, 59, 79-79.	0.3	O
2	Slow-Moving Waves in Giant Hanging Loops From Bruce Yeany's Science Projects. Physics Teacher, 2021, 59, 79-79.	0.3	0
3	Spiders at 80 to 130â€g: Kinematic Video Analysis of Slingshot Spiders. Physics Teacher, 2021, 59, 79-79.	0.3	O
4	Vesenka's Momentum Modeling via GeoGebra. Physics Teacher, 2021, 59, 142-142.	0.3	1
5	Positive Physics Online HS Physics Subscription Service. Physics Teacher, 2021, 59, 142-142.	0.3	0
6	Brad Moser's Physics Alive Podcast. Physics Teacher, 2021, 59, 142-142.	0.3	0
7	"What Causes the Pauli Exclusion Principle?―Visualizing PEP via Eugene Khutoryansky's Animated Wavefunctions in a Square Well. Physics Teacher, 2021, 59, 142-142.	0.3	0
8	OAPT Newsletter Review of Phyphox. Physics Teacher, 2021, 59, 223-223.	0.3	0
9	Update on the Physics of Mechanical Stability in Pop Culture: Dancing Robots – "Do You Love Me?―by Boston Robotics; Various Tensegrity Tables. Physics Teacher, 2021, 59, 223-223.	0.3	0
10	Underrepresentation Curriculum Project Revises Their Free Curriculum. Physics Teacher, 2021, 59, 223-223.	0.3	0
11	"Physics of Atomic Nuclei: Classroom Activities and Knowledge for Educators (PAN-CAKE)― Physics Teacher, 2021, 59, 223-223.	0.3	0
12	"Understanding Car Crashes: It's Basic Physics―"Understanding Car Crashes: When Physics Meets Biology―(US) Insurance Institute for Highway Safety. Physics Teacher, 2021, 59, 303-303.	0.3	0
13	Perseverance: The New Rover on Mars. Physics Teacher, 2021, 59, 303-303.	0.3	O
14	"The Stars Within Us: How the elements inside you, and everything were forged―"T01-178 Orbits―and Triple Binaries. Physics Teacher, 2021, 59, 303-303.	0.3	0
15	Scaling with A4 and the Golden Ratio via "Metric Paper and Everything in the Universe― Physics Teacher, 2021, 59, 383-383.	0.3	O
16	Summer Professional Development for Physics Teachers. Physics Teacher, 2021, 59, 383-383.	0.3	0
17	More on Synchronization, Resonance and Orbital Mechanics (and Pee). Physics Teacher, 2021, 59, 383-383.	0.3	O
18	Fermilab's Muon g-2 Experimental Anomaly Might (or Might Not) Have Broken the Standard Model. Physics Teacher, 2021, 59, 383-383.	0.3	0

#	Article	IF	Citations
19	Drop Tower Physics YouTube Channel. Physics Teacher, 2021, 59, 511-511.	0.3	O
20	Using Physics to Make Your Classroom Safer Against COVID-19. Physics Teacher, 2021, 59, 511-511.	0.3	0
21	Frank Noschese's Desmos Interaction Stations. Physics Teacher, 2021, 59, 511-511.	0.3	O
22	Rhett Allain on Confusion, Sweat, and Learning. Physics Teacher, 2021, 59, 592-592.	0.3	0
23	David Jackson Video Request and Introductory Mechanics Videos. Physics Teacher, 2021, 59, 592-592.	0.3	O
24	Computational physics modelers (including climate modelers) win 2021 Nobel Prize in Physics. Physics Teacher, 2021, 59, 670-670.	0.3	0
25	STEM teacher recruitment group "Get The Facts Out― Physics Teacher, 2021, 59, 670-670.	0.3	O
26	"Energy, the Environment and Everyday Life:―130+ YouTube videos by The Illinois Energy Prof. Physics Teacher, 2020, 58, 78-78.	0.3	1
27	National Academies Release Lecture "Recognizing Unconscious Racial Bias― Physics Teacher, 2020, 58, 78-78.	0.3	O
28	Proton size refinement excitement. Physics Teacher, 2020, 58, 78-78.	0.3	0
29	Tim Dodd's The Everyday Astronaut YouTube channel. Physics Teacher, 2020, 58, 528-528.	0.3	O
30	<i>Free online quantum physics workshop for HS teachers: "ICQ's Schrödinger's Classâ€</i> . Physics Teacher, 2020, 58, 608-608.	0.3	0
31	Visualizing Introductory Physics: Desmos Card Sorts for Teaching Introductory Physics Online & StickMan Physics Animated GIFs. Physics Teacher, 2020, 58, 687-687.	0.3	O
32	Docking with the ISS, Introductory Orbits and "Orbital Maths at NASA with Chris Hadfield― Physics Teacher, 2020, 58, 687-687.	0.3	0
33	Fluid Dynamics and Paper Airplane Design "Aerodynamics Explained by a World Record Paper Airplane Designer―with an Introduction to the Coandă Effect. Physics Teacher, 2020, 58, 687-687.	0.3	O
34	"Understanding Rolling Resistance― Physics Teacher, 2020, 58, 687-687.	0.3	0
35	ASU Modeling teachers' remote/online resources for teaching and learning physics. Physics Teacher, 2020, 58, 528-528.	0.3	O
36	Dolores Gende's "Resources for Physics Remote Learning―Google Doc. Physics Teacher, 2020, 58, 528-528.	0.3	1

#	Article	IF	CITATIONS
37	<i>Quick and dirty webcam hack for your students</i> . Physics Teacher, 2020, 58, 608-608.	0.3	0
38	Practical Conronavirus Physics: Face masks & ventilation. Physics Teacher, 2020, 58, 447-447.	0.3	1
39	Practical online physics teaching productivity resources: CamScanner and FlipGrid. Physics Teacher, 2020, 58, 447-447.	0.3	O
40	Appropriate cognitive expectations for appropriate audiences: Wired magazine's "Five Levels―series on gravity, dimensions, and lasers. Physics Teacher, 2020, 58, 528-528.	0.3	0
41	Technical Tradesman Video Blogs: Practical Physics of Electrical Distribution and Air Conditioning. Physics Teacher, 2020, 58, 528-528.	0.3	O
42	<i>Hacking coronavirus classroom filters</i> . Physics Teacher, 2020, 58, 608-608.	0.3	0
43	<i>Physics 101 / AP Physics 1 review with Dianna Cowern</i> . Physics Teacher, 2020, 58, 608-608.	0.3	O
44	COVID-19 / Coronavirus models. Physics Teacher, 2020, 58, 366-366.	0.3	0
45	Franklin: Electric fields and potentials in 3D for Mac. Physics Teacher, 2020, 58, 366-366.	0.3	O
46	Summer Professional Development for Physics teachers. Physics Teacher, 2020, 58, 366-366.	0.3	0
47	Top online pandemic physics teaching recommendations from physPort.org. Physics Teacher, 2020, 58, 366-366.	0.3	O
48	Jeremy Fielding teaches practical motors (and more). Physics Teacher, 2020, 58, 366-366.	0.3	0
49	Flipgrid.com – An easy-to-use free classroom student video site (website and smartphone app). Physics Teacher, 2020, 58, 286-286.	0.3	O
50	New NAS publications on K-12 Engineering Education; Teacher Professional Development. Physics Teacher, 2020, 58, 286-286.	0.3	0
51	Adapting simple mechanics numeric computer modeling to epidemics like coronavirus. Physics Teacher, 2020, 58, 286-286.	0.3	1
52	AMTA Modeling Physics updates: Online courses for teachers and a podcast. Physics Teacher, 2020, 58, 222-222.	0.3	0
53	Rhett Allain's DotPhysics from WIRED magazine. Physics Teacher, 2020, 58, 222-222.	0.3	0
54	Improving conditions for minority students in physics and astronomy. Physics Teacher, 2020, 58, 222-222.	0.3	О

#	Article	IF	CITATIONS
55	YouTube videos by Cambridge mathematician Tadashi Tokieda: "Math Encounters - Toy Models: Extracting Mathematical Surprises from Everyday Life,―"Mathematics with Paper Clips, Ribbon, Rubber Bands (Math-Byte)―and "Toy Models― Physics Teacher, 2020, 58, 142-142.	0.3	O
56	Teachers can unwind and learn watching YouTube Electrical Fun: Big Clive and ElectroBoom. Physics Teacher, 2020, 58, 142-142.	0.3	0
57	Deadlines for teachers and students for summer physics and physics professional development programs. Physics Teacher, 2020, 58, 222-222.	0.3	O
58	Paul Anderson site dedicated to NGSS and grade school physics pedagogy. Physics Teacher, 2019, 57, 565-565.	0.3	0
59	More YouTube Physics Channels: DrPhysicsA. Physics Teacher, 2019, 57, 565-565.	0.3	0
60	"TRAINING: Training in research-based activities that support INclusive and INquiry learninG―website. Physics Teacher, 2019, 57, 565-565.	0.3	0
61	Mechanical Machines Engineering Physics Entertainment: Joseph's Machines. Physics Teacher, 2019, 57, 431-431.	0.3	0
62	LIGO and Gravitational Wave Astronomy Resources for Teachers and Students. Physics Teacher, 2019, 57, 431-431.	0.3	0
63	STEP UP: A new organization recruiting high school women to study physics via their teachers. Physics Teacher, 2019, 57, 431-431.	0.3	0
64	Periscope Physics by Rachel Scherr and colleagues. Physics Teacher, 2019, 57, 431-431.	0.3	1
65	Physics students experience authentic stuntaction at a motion-capture studio in Toronto. Physics Teacher, 2019, 57, 511-511.	0.3	0
66	U.S. government releases Charting a Course for Success: America's Strategy for STEM Education, report guiding federal agencies that offer STEM funding opportunities. Physics Teacher, 2019, 57, 126-126.	0.3	3
67	Ultimate Women in Science Reading List, Contributions of 20th-century women to physics, and must have resources for equitable STEM classrooms. Physics Teacher, 2019, 57, 126-126.	0.3	0
68	MIT ion powered glider grabs attention. Physics Teacher, 2019, 57, 126-126.	0.3	0
69	NYT virtual tour of CERN's Large Hadron Collider. Physics Teacher, 2019, 57, 126-126.	0.3	0
70	Physics and STEM communication via dance. Physics Teacher, 2019, 57, 350-350.	0.3	0
71	Safety equipment and an Internet video warning: The self-actuating fire extinguisher grenade. Physics Teacher, 2019, 57, 350-350.	0.3	0
72	Jade Tan-Holmes' "Up And Atom,―also @upnatom. Physics Teacher, 2019, 57, 350-350.	0.3	0

#	Article	IF	Citations
73	Summer professional development for physics teachers. Physics Teacher, 2019, 57, 350-350.	0.3	0
74	<i>WIRED physics with Rhett Allain</i> . Physics Teacher, 2019, 57, 270-270.	0.3	0
75	<i>Science Education Initiative Handbook by Chasteen and Code</i> . Physics Teacher, 2019, 57, 270-270.	0.3	0
76	<i>A Boy and His Atom</i> . Physics Teacher, 2019, 57, 270-270.	0.3	0
77	<i>Cool physics blog at Arbor Scientific</i> . Physics Teacher, 2019, 57, 270-270.	0.3	0
78	Physics of sound teaching resources from David Abbott. Physics Teacher, 2019, 57, 270-270.	0.3	0
79	Standardized exams don't seem to help the field of physics at the PhD level either: Typical physics PhD admissions criteria limit access to underrepresented groups but fail to predict doctoral completion. Physics Teacher, 2019, 57, 206-206.	0.3	O
80	"Rainbows: Figuring Their Angles―from Ken Ford's Essays on Physics. Physics Teacher, 2019, 57, 206-206	5.0.3	0
81	The National Academies releases five webinar series on English Learners in STEM Subjects: Transforming Classrooms, Schools, and Lives. Physics Teacher, 2019, 57, 206-206.	0.3	1
82	Digital Sound and Music: Concepts Applications and Science. Physics Teacher, 2019, 57, 206-206.	0.3	1
83	Lunar meteor impact recorded during Jan. 2019 lunar eclipse. Physics Teacher, 2019, 57, 206-206.	0.3	0
84	Real-world electricity: Understanding what's happening in your walls and on the electrical grid "Practical Engineering: Power Grid―video series on YouTube; "The Engineering Mindset: Energy Engineering Basics―video series on YouTube. Physics Teacher, 2019, 57, 511-511.	0.3	0
85	Desmos offers online "Test Mode Calculators― Physics Teacher, 2019, 57, 654-654.	0.3	O
86	Developing physics student metacognition: Students don't judge their own learning very well. Physics Teacher, 2019, 57, 654-654.	0.3	0
87	Perimeter Institute for Applied and Theoretical Physics releases new freely downloadable curricular modules: "Contemporary Physics―and "Fields― Physics Teacher, 2019, 57, 511-511.	0.3	O
88	Convergence on diversity and underrepresented students in physics, STEM, and in general National Science Board released Science & Engineering Indicators 2020: State of U.S. STEM education. Physics Teacher, 2019, 57, 565-565.	0.3	0
89	A Christmas-themed online December video physics experiment competition; "Physics in Advent / Physik im Advent (PiA)―or "24 Daily Experiments Until Christmas― Physics Teacher, 2019, 57, 654-654.	0.3	O
90	The U.S. Fourth National Climate Assessment report calls for adaptation and mitigation; now includes observed examples and economic impact analysis of climate change in the United States. Physics Teacher, 2019, 57, 62-62.	0.3	O

#	Article	lF	Citations
91	Physics InSight Slide Show. Physics Teacher, 2019, 57, 62-62.	0.3	O
92	Tesla coil projects for students. Physics Teacher, 2019, 57, 62-62.	0.3	0
93	Coffee/Hot chocolate cup acoustics. Physics Teacher, 2019, 57, 62-62.	0.3	0
94	More opportunities, courses, and materials for high school students and teachers from the Perimeter Institute. Physics Teacher, 2018, 56, 190-190.	0.3	0
95	Some German physics outreach sites: Physics in Advent, Physics for Refugees, and Physics for Street Children. Physics Teacher, 2018, 56, 190-190.	0.3	0
96	Summer professional development for physics teachers. Physics Teacher, 2018, 56, 334-334.	0.3	0
97	Kelly O'Shea's Kinematics Card Sort. Physics Teacher, 2018, 56, 334-334.	0.3	0
98	Real-world small arms ballistics: "Hatcher's Notebook― Physics Teacher, 2018, 56, 334-334.	0.3	0
99	Digital oscilloscope basics and beyond. Physics Teacher, 2018, 56, 334-334.	0.3	0
100	Another Feynman talk on YouTube. Physics Teacher, 2018, 56, 127-127.	0.3	0
101	<i>STEMcoding project releases "Physics of Video Games―Hour of Code activity</i> . Physics Teacher, 2018, 56, 127-127.	0.3	1
102	Stephen Hawking's 1966 dissertation available online. Physics Teacher, 2018, 56, 190-190.	0.3	0
103	Classroom Discourse: New NSF CADREk12 website has links to K-12 resources. Physics Teacher, 2018, 56, 127-127.	0.3	0
104	A new modeling website for introductory university physics. Physics Teacher, 2018, 56, 64-64.	0.3	0
105	Mark Rober's YouTube channel and human scale buoyancy adventures. Physics Teacher, 2018, 56, 64-64.	0.3	0
106	U.S. STEM graduate students face proposed alarming tax increase. Physics Teacher, 2018, 56, 64-64.	0.3	0
107	Weekly and monthly newsletters/blogs/columns regarding general physics education and physics. Physics Teacher, 2018, 56, 64-64.	0.3	0
108	Philipp Wichtrup's Physikdigital site of demonstrations and activities. Physics Teacher, 2018, 56, 190-190.	0.3	0

#	Article	IF	CITATIONS
109	Conceptually understanding the operation of the Fourier transform (and eigen-things) via mathematical animations: "What is the Fourier transform? A visual introduction.― Physics Teacher, 2018, 56, 270-270.	0.3	0
110	Three new simulations and games for teaching electrostatics and circuits: Craig's "Metal Leaf Electroscope Simulator,―Blackman's "Crack the Circuit,―and Kortemeyer's "Kirchhoff's Rev Physics Teacher, 2018, 56, 270-270.	′engæâ€•	1
111	Physics demos by John Johnston at the Faraday Center: Collection updated and extended. Physics Teacher, 2018, 56, 494-494.	0.3	0
112	The Under-Representation Curriculum project. Physics Teacher, 2018, 56, 494-494.	0.3	0
113	Oscilloscope Music: "How to Draw Mushrooms on an Oscilloscope With Sound,―by Jerobeam Fenderson. Physics Teacher, 2018, 56, 654-654.	0.3	0
114	"Say it with Chimes: An Engineering Approach to Wind Chime Design,―by Lee Hite. Physics Teacher, 2018, 56, 654-654.	0.3	0
115	New NAS Publications: How People Learn II and English Learners in STEM Subjects. Physics Teacher, 2018, 56, 654-654.	0.3	0
116	The OAPT Newsletter. Physics Teacher, 2018, 56, 654-654.	0.3	0
117	Parallel Pedagogy: Learning the concepts simultaneously, intro mechanics. Physics Teacher, 2018, 56, 494-494.	0.3	0
118	Perimeter Institute new and old curricular offerings: New units on energy, climate change and waves, plus Emmy Noether's revolutionary theorem explained, from kindergarten to PhD. Physics Teacher, 2018, 56, 494-494.	0.3	0
119	<i>Dropping a tennis ball on a basketball: Rhett Allain's coding models of collisions</i> . Physics Teacher, 2018, 56, 573-573.	0.3	0
120	<i>Nobel Prize in Physics awarded to Arthur Ashkin, $G\tilde{A}$©rard Mourou, and Donna Strickland for laser physics techniques (optical tweezers and chirp pulse amplification)</i> i>. Physics Teacher, 2018, 56, 573-573.	0.3	0
121	<i>Are you ready to study physics? An Online Mathematics Bridge Course for HS students</i> Teacher, 2018, 56, 573-573.	0.3	0
122	Nick Berry's "Datagenetics―Blog. Physics Teacher, 2018, 56, 127-127.	0.3	0
123	How Spiders Fly: Ballooning spiders use E field for lift. Physics Teacher, 2018, 56, 414-414.	0.3	0
124	lceCube high-energy neutrino detection establishes a new multi-messenger astronomy event. Physics Teacher, 2018, 56, 414-414.	0.3	0
125	Weber State Physics "Professional Library of Physics Demonstration Videos― Physics Teacher, 2018, 56, 414-414.	0.3	0
126	UV camera physics YouTube videos. Physics Teacher, 2018, 56, 414-414.	0.3	0

#	Article	IF	CITATIONS
127	Collisions between new Nissan automobiles built to U.S. and Mexican safety standards. Physics Teacher, 2017, 55, 62-62.	0.3	O
128	Bouncing droplets, pilot waves, the double-slit experiment, and deBroglie-Bohm theory. Physics Teacher, 2017, 55, 62-62.	0.3	0
129	Jumping out of windows with fire extinguishers on TV's "MacGyver― Physics Teacher, 2017, 55, 62-62.	0.3	O
130	APS-AAPT Joint Task Force on Undergraduate Physics Programs (J-TUPP) report released. Physics Teacher, 2017, 55, 190-190.	0.3	1
131	ATE Project for Physics Faculty publishes 25 lab/activities online. Physics Teacher, 2017, 55, 126-126.	0.3	O
132	<i>à€œThe Mechanical Universe and Beyond―series now freely available on YouTube</i> . Physics Teacher, 2017, 55, 126-126.	0.3	0
133	"Hidden Figures―and the African-American women who were NASA's human calculators. Physics Teacher, 2017, 55, 190-190.	0.3	0
134	The Chemical History of a Candle by Michael Faraday (and Bill Hammack and Don DeCoste). Physics Teacher, 2017, 55, 126-126.	0.3	0
135	Develop Thinking Skills: A short reading assignment for students by John Clement. Physics Teacher, 2017, 55, 126-126.	0.3	O
136	Promoting physics to HS students. Physics Teacher, 2017, 55, 190-190.	0.3	0
137	"Eigenvalues and Eigenvectors, Imaginary and Real―by Eugene Khutoryansky. Physics Teacher, 2017, 55, 190-190.	0.3	O
138	This Reference Chart Covers the Basics of Soldering At a Glance. Physics Teacher, 2017, 55, 190-190.	0.3	0
139	"The Science of Thinking― A video presenting the psychology of thinking, comfort, confusion and effort by Derek Muller of Veritasium. Physics Teacher, 2017, 55, 318-318.	0.3	0
140	<i>àêœRecruiting Teachers in High-Needs STEM Fields― A survey of current majors and recent STEM grads</i> . Physics Teacher, 2017, 55, 318-318.	0.3	2
141	Summer professional development for physics teachers. Physics Teacher, 2017, 55, 318-318.	0.3	0
142	Free Communicating Science ebook by Roy Jenson. Physics Teacher, 2017, 55, 318-318.	0.3	0
143	More exoplanets discovered; space tourism posters. Physics Teacher, 2017, 55, 318-318.	0.3	0
144	"3blue1brown―videos use spring constants to develop Snell's law. Physics Teacher, 2017, 55, 126-126.	0.3	0

#	Article	IF	CITATIONS
145	High-quality animations in atomic physics. Physics Teacher, 2017, 55, 254-254.	0.3	O
146	100 HTML5 animations and simulations for introductory physics. Physics Teacher, 2017, 55, 254-254.	0.3	0
147	August 21 Great American Total Solar Eclipse fever running high. Physics Teacher, 2017, 55, 254-254.	0.3	0
148	Hewitt-Drew-it! PHYSICS for Teachers 1. Teaching Equations of Physics without Numbers; Hewitt-Drew-it! PHYSICS for Teachers 2. Timeless Teaching Tips for Physics Teachers. Physics Teacher, 2017, 55, 254-254.	0.3	0
149	Green laser safety. Physics Teacher, 2017, 55, 446-446.	0.3	1
150	2017 Nobel Prize in Physics announced to Rainer Weiss, Barry C. Barish, and Kip S. Thorne for gravitational waves. Physics Teacher, 2017, 55, 509-509.	0.3	0
151	Smartphone battery dangers and safety. Physics Teacher, 2017, 55, 384-384.	0.3	3
152	Fidget spinner physics sites. Physics Teacher, 2017, 55, 384-384.	0.3	2
153	Example Geogebra physics simulations and animations for physics teaching. Physics Teacher, 2017, 55, 384-384.	0.3	0
154	Making really big bubbles. Physics Teacher, 2017, 55, 446-446.	0.3	0
155	Some sharp aerodynamics toys. Physics Teacher, 2017, 55, 446-446.	0.3	0
156	Jeff Regester's YouTube channel. Physics Teacher, 2017, 55, 384-384.	0.3	2
157	Polaroid filters, EM waves, and an introduction to Bell's theorem/quantum mechanics. Physics Teacher, 2017, 55, 590-590.	0.3	0
158	Gravitational wave and E&M wave astronomy event data provide strong evidence for Binary Neutron Star kilonovae, nucleosysnthesis, and one source of Gamma Ray Bursts. Physics Teacher, 2017, 55, 590-590.	0.3	0
159	Collection of essays on physics for physics teachers freely available. Physics Teacher, 2017, 55, 590-590.	0.3	1
160	Cassini-Huygens Saturn mission ends spectacularly. Physics Teacher, 2017, 55, 509-509.	0.3	0
161	ElectroBOOM. Physics Teacher, 2017, 55, 509-509.	0.3	1
162	On recent costs for non-intro physics textbooks. Physics Teacher, 2016, 54, 126-126.	0.3	0

#	Article	IF	Citations
163	Skydiver Luke Aikins jumps from 25,000 feet (7600â€m) into a net without a parachute. Physics Teacher, 2016, 54, 379-379.	0.3	О
164	A New Gravity Simulator. Physics Teacher, 2016, 54, 509-509.	0.3	0
165	AMTA offers distance learning Modeling E&M workshop. Physics Teacher, 2016, 54, 62-62.	0.3	O
166	Climate change visualizations. Physics Teacher, 2016, 54, 509-509.	0.3	0
167	<i>Desmos: A free cross-platform calculating and graphing tool</i> . Physics Teacher, 2016, 54, 509-509.	0.3	1
168	Colin Sullender's science GIFs on Google+. Physics Teacher, 2016, 54, 574-574.	0.3	0
169	Soap Bubbles Science: Time Warp – Discovery Channel with Keith Johnson. Physics Teacher, 2016, 54, 190-190.	0.3	O
170	Astronomical Nucleosynthesis Periodic Table Diagram. Physics Teacher, 2016, 54, 190-190.	0.3	0
171	John B. Johnston's collection of 50+ physics demonstrations. Physics Teacher, 2016, 54, 190-190.	0.3	O
172	Cool new and old acoustics videos: Acoustic propulsion and some works of Alvin Lucier. Physics Teacher, 2016, 54, 190-190.	0.3	0
173	NAP Reports: Integrating Discovery-Based Research into the Undergraduate Curriculum Reaching Students: What Research Says About Effective Instruction in Undergraduate Science and Engineering Science Teachers' Learning: Enhancing Opportunities, Creating Supportive Contexts (2016). Physics Teacher, 2016, 54, 190-190.	0.3	0
174	Another cool new homopolar motor YouTube video. Physics Teacher, 2016, 54, 190-190.	0.3	0
175	Gravitational waves in the news. Physics Teacher, 2016, 54, 254-254.	0.3	O
176	Direct measurement videos. Physics Teacher, 2016, 54, 254-254.	0.3	1
177	Physical Review Special Topics – Physics Education Research becomes Physical Review Physics Education Research (PRPER). Physics Teacher, 2016, 54, 254-254.	0.3	O
178	Possible carbon sequestration solutions. Physics Teacher, 2016, 54, 254-254.	0.3	0
179	Whimsical mechanics entertainment videos. Physics Teacher, 2016, 54, 318-318.	0.3	0
180	Summer professional development for physics teachers. Physics Teacher, 2016, 54, 318-318.	0.3	0

#	Article	IF	CITATIONS
181	PhDcomics TV releases new physics videos on black holes, gravitational waves, Hawking interview, entanglement. Physics Teacher, 2016, 54, 318-318.	0.3	O
182	OAPT Newsletter. Physics Teacher, 2016, 54, 318-318.	0.3	0
183	Developing a National STEM Workforce Strategy: A workshop summary. Physics Teacher, 2016, 54, 318-318.	0.3	O
184	AAPT Committee on Diversity issues Statement on Fisher v. University of Texas at Austin. Physics Teacher, 2016, 54, 379-379.	0.3	1
185	Downloadable book of physics class practicums. Physics Teacher, 2016, 54, 379-379.	0.3	O
186	A novel 3D printer-manufactured "digital―Sundial. Physics Teacher, 2016, 54, 379-379.	0.3	0
187	Graphing stories. Physics Teacher, 2016, 54, 446-446.	0.3	O
188	Violin string in slow motion by Physics Footnotes. Physics Teacher, 2016, 54, 446-446.	0.3	0
189	National Academies Press releases of possible interest (freely available online). Physics Teacher, 2016, 54, 446-446.	0.3	1
190	Fraknoi's Tools for Astronomy Educators and Martian movie critique. Physics Teacher, 2016, 54, 62-62.	0.3	0
191	New NAP releases: Einstein & 100 years of special relativity, women in science, and out-of-school science. Physics Teacher, 2016, 54, 62-62.	0.3	O
192	STEAM It Up with the 8 C's. Physics Teacher, 2016, 54, 62-62.	0.3	0
193	Baby Plasma Cutter. Physics Teacher, 2016, 54, 254-254.	0.3	O
194	Bruce Yeany's Homemade Science YouTube Channel – low-cost homemade demos for science teachers. Physics Teacher, 2016, 54, 379-379.	0.3	0
195	The new Ampere is coming!. Physics Teacher, 2016, 54, 446-446.	0.3	O
196	Acoustic levitation and ultrasonic tweezers: liquid droplets (Clemson), polystyrene (Argonne, Sao) Tj ETQq0 0 0 r	gBT /Over	lock 10 Tf 50
197	The arrow of time, entropy and complexity by MinutePhysics. Physics Teacher, 2016, 54, 574-574.	0.3	O
198	Vernier and PASCO offering awards to educators. Physics Teacher, 2016, 54, 446-446.	0.3	0

#	Article	IF	CITATIONS
199	More student accessible demonstrations and mathematics on gravitational radiation. Physics Teacher, 2016, 54, 509-509.	0.3	1
200	Fourier synthesis and the lockin amplifier by John Cerne. Physics Teacher, 2016, 54, 574-574.	0.3	0
201	The Mathologer: "e to the pi i for dummies― Physics Teacher, 2016, 54, 574-574.	0.3	0
202	U.S. Supreme Court justices weigh in (ham-handedly) on race and equity in physics learning. Physics Teacher, 2016, 54, 126-126.	0.3	0
203	Understanding the chain fountain. Physics Teacher, 2016, 54, 318-318.	0.3	1
204	More gravitational wave events observed by LIGO; Astronomy Magazine supplement; resources. Physics Teacher, 2016, 54, 379-379.	0.3	1
205	Frank McCulley's Simulated Environments at The Physics Aviary. Physics Teacher, 2015, 53, 509-509.	0.3	2
206	Physics, equity, and social justice: Why are there so few black physicists? by Moses Rifken. Physics Teacher, 2015, 53, 447-447.	0.3	1
207	More activities at Matt Blackman's TheUniverseAndMore website. Physics Teacher, 2015, 53, 447-447.	0.3	0
208	APlusPhysics site update by Dan Fullerton. Physics Teacher, 2015, 53, 447-447.	0.3	0
209	Two sites on practical room acoustics: "Ringing Out your Room―and "10 Minutes Toward Better Sound― Physics Teacher, 2015, 53, 573-573.	0.3	0
210	"The Martian― A science movie review How accurate and enjoyable is a new movie about a NASA astronaut stranded on Mars?. Physics Teacher, 2015, 53, 573-573.	0.3	0
211	2015 Nobel Prize in Physics awarded to T. Kajita and A. McDonald for Neutrino Oscillations. Physics Teacher, 2015, 53, 573-573.	0.3	0
212	Harvard Project Physics Materials all freely available online. Physics Teacher, 2015, 53, 573-573.	0.3	0
213	Deliberate and thoughtful climate engineering: Coming soon to a planet near you. Physics Teacher, 2015, 53, 253-253.	0.3	0
214	 <i>Google Cardboard: A virtual reality headset for \$10?</i> . Physics Teacher, 2015, 53, 125-125.	0.3	14
215	Funky experiment inspiring videos: A new linear electric motor; physics of sound performance art. Physics Teacher, 2015, 53, 60-60.	0.3	0
216	Galileo Redux: Dropping objects of unequal mass (the guinea and the feather) just to be cool. Physics Teacher, 2015, 53, 60-60.	0.3	0

#	Article	IF	CITATIONS
217	Physicist snowflake decorations; Einstein catalogued. Physics Teacher, 2015, 53, 125-125.	0.3	О
218	Vortices: Pool vortices, Physics Girl, water vortices, divers and dolphins. Physics Teacher, 2015, 53, 125-125.	0.3	0
219	More resources for recruiting women to science. Physics Teacher, 2015, 53, 125-125.	0.3	1
220	 <i>International Year of Light (IYL2015)</i> . Physics Teacher, 2015, 53, 190-190.	0.3	1
221	Bathroom physics (reducing unwanted splashing). Physics Teacher, 2015, 53, 190-190.	0.3	0
222	 <i>Report: AAPT Recommendations for the Undergraduate Physics Laboratory Curriculum </i> . Physics Teacher, 2015, 53, 253-253.	0.3	10
223	McGyver physics tricks. Physics Teacher, 2015, 53, 253-253.	0.3	0
224	An Adventure in Motorcycle Physics on iTunes University. Physics Teacher, 2015, 53, 509-509.	0.3	0
225	Chinese classroom physics teaching videos online. Physics Teacher, 2015, 53, 509-509.	0.3	0
226	LEIFIphysik by Ernst Leitner and Ulrich Finckh (The Google Chrome browser will translate for you). Physics Teacher, 2015, 53, 509-509.	0.3	0
227	How U.S. Students Get a University Degree for Free in Germany Earning a university degree in Germany. Physics Teacher, 2015, 53, 509-509.	0.3	1
228	Teaching high school physics. Physics Teacher, 2015, 53, 317-317.	0.3	0
229	Recruitment of Physics Majors and STEM Teachers. Physics Teacher, 2015, 53, 60-60.	0.3	1
230	Standing vibrations on strings via smartphones inside an acoustic guitar. Physics Teacher, 2015, 53, 125-125.	0.3	1
231	 <i>Smartphones in a guitar redux</i> . Physics Teacher, 2015, 53, 190-190.	0.3	3
232	 <i>What research says about effective instruction in undergraduate science and engineering (2015) </i> . Physics Teacher, 2015, 53, 190-190.	0.3	3
233	New free online Journal of Astronomy and Earth Sciences Education. Physics Teacher, 2015, 53, 317-317.	0.3	0
234	Polyphonic overtone singing â€" Explained visually. Physics Teacher, 2015, 53, 317-317.	0.3	0

#	Article	IF	CITATIONS
235	Climate Physics. Physics Teacher, 2015, 53, 60-60.	0.3	1
236	Crystal (Xal) radios for learning physics. Physics Teacher, 2015, 53, 317-317.	0.3	0
237	Summer professional development for physics teachers. Physics Teacher, 2015, 53, 317-317.	0.3	0
238	How do mirrors work revisited. Physics Teacher, 2015, 53, 253-253.	0.3	0
239	207 mph rocket-powered bicyclist. Physics Teacher, 2015, 53, 382-382.	0.3	0
240	AAPT celebrates the New Horizons Pluto probe with resource collection (membership required, so) Tj ETQq0 0 0	rgBT /Ovei	rlogk 10 Tf 50
241	IoP publication Physics Education (think UK's AAPT and The Physics Teacher) unveils new education hub. Physics Teacher, 2015, 53, 382-382.	0.3	0
242	OP-TEC offers no-charge online self-paced optics and photonics course for teachers. Physics Teacher, 2015, 53, 382-382.	0.3	0
243	More popularized physics shorts: Physics Girl, Quarks and Candy plus Veritasium does a Coriolis experiment. Physics Teacher, 2015, 53, 382-382.	0.3	0
244	Perimeter Institute posters: Great physics teachers and STEM figures who made their mark. Physics Teacher, 2015, 53, 253-253.	0.3	0
245	Other brief WebSights roundup items — BICEP2 claims abandoned. Physics Teacher, 2015, 53, 253-253.	0.3	1
246	Whiteboarding: The art and science of teaching physics via discourse. Physics Teacher, 2015, 53, 447-447.	0.3	0
247	 <i>The Dzhanibekov effect or tennis racket theorem </i> . Physics Teacher, 2015, 53, 447-447.	0.3	3
248	Docking at the International Space Station. Physics Teacher, 2014, 52, 126-126.	0.3	1
249	Comet ISON in the news. Physics Teacher, 2014, 52, 61-61.	0.3	0
250	Stop Teaching! And Let Your Students Learn, by Chris Meyer. Physics Teacher, 2014, 52, 126-126.	0.3	0
251	 <i>National Academy of Science "Science and Engineering Indicators 2014―reports issues in elementary and secondary science and mathematics teaching</i> . Physics Teacher, 2014, 52, 254-254.	0.3	0
252	New APS "WaveFront―newsletter, other APS outreach for physics teachers. Physics Teacher, 2014, 52, 254-254.	0.3	0

#	Article	lF	Citations
253	New NBC Learn/NSF "Science of Sports―videos for 2014 Winter Olympic events. Physics Teacher, 2014, 52, 254-254.	0.3	O
254	Astronomical Society of the Pacific releases updated resource guide to science fiction with good astronomy. Physics Teacher, 2014, 52, 317-317.	0.3	0
255	Physics of SCUBA YouTube Video by J. Gerton, University of Utah Physics. Physics Teacher, 2014, 52, 446-446.	0.3	1
256	Fysikshow Aarhus. Physics Teacher, 2014, 52, 446-446.	0.3	0
257	A center-of-mass lesson from sports, and solar system scaling for students. Physics Teacher, 2014, 52, 317-317.	0.3	0
258	Your Guide to One of the Coolest Physics Demonstrations of All Time, by Robert T. Gonzalez of Io9. Physics Teacher, 2014, 52, 126-126.	0.3	0
259	It's summer professional development time again for all physics teachers. Physics Teacher, 2014, 52, 317-317.	0.3	0
260	NAS Publications: Undergrad chemistry education and engineering talent. Physics Teacher, 2014, 52, 317-317.	0.3	0
261	Several National Survey of Science and Mathematics Education 2012 reports released. Physics Teacher, 2014, 52, 61-61.	0.3	0
262	Open Source Physics Textbooks. Physics Teacher, 2014, 52, 446-446.	0.3	0
263	Minute Earth: How to survive a lightning strike. Physics Teacher, 2014, 52, 254-254.	0.3	0
264	Ted-Ed Talk: Why is glass transparent?. Physics Teacher, 2014, 52, 254-254.	0.3	0
265	STEM Teachers NYC. Physics Teacher, 2014, 52, 446-446.	0.3	0
266	"Developing Assessments for the Next Generation Science Standards―by the NRC. Physics Teacher, 2014, 52, 126-126.	0.3	0
267	SpectraSnapp applet and device for iPhone/iPad cameras. Physics Teacher, 2014, 52, 61-61.	0.3	0
268	AACT inauguration. Physics Teacher, 2014, 52, 573-573.	0.3	0
269	Women in physics: HERStories, and a girls' leadership development survey and report. Physics Teacher, 2014, 52, 573-573.	0.3	1
270	Vocal overtone singing videos and sites. Physics Teacher, 2014, 52, 573-573.	0.3	0

#	Article	IF	CITATIONS
271	Astronomy education resources and news: Astronomy Education Review (AER) electronic journal closes down, see obituary, permanent AER archives and resources from http://scitation.aip.org/content/aas/journal/aer/12/1/10.3847/AER2013017. Physics Teacher, 2014, 52, 61-61.	0.3	0
272	Inertial balance videos for learning the difference between mass and weight. Physics Teacher, 2014, 52, 509-509.	0.3	0
273	AIMS Education Foundation moves K-9 science and math lessons online. Physics Teacher, 2014, 52, 509-509.	0.3	O
274	PhD webcomic TV channel on YouTube. Physics Teacher, 2014, 52, 509-509.	0.3	0
275	Physics teacher expectations and backlash. Physics Teacher, 2014, 52, 509-509.	0.3	0
276	ACS Reactions, dilution and sewage treatment (Or: Yes, Virginia, it's OK to pee in the ocean at the) Tj ETQq0 0 0	rgBT _. /Ove	rlock 10 Tf 50
277	Nobel Prize in Physics for blue LEDs. Physics Teacher, 2014, 52, 573-573.	0.3	0
278	BBC Head Squeeze video shorts. Physics Teacher, 2014, 52, 126-126.	0.3	0
279	Feynman Lectures on Physics three-volume text now completely freely available online. Physics Teacher, 2014, 52, 126-126.	0.3	O
280	Andrew Davidhazy's science photographs. Physics Teacher, 2014, 52, 446-446.	0.3	0
281	Microwave polarization of cosmic microwave background radiation detection announced. Physics Teacher, 2014, 52, 317-317.	0.3	O
282	Reflection and refraction of light waves (explanation by Huygens' principle): A Java applet presenting Snell's law by Walter Fendt. Physics Teacher, 2014, 52, 61-61.	0.3	0
283	Hertzian Cones â€" The physics of knapping flint and dinging your windshield. Physics Teacher, 2014, 52, 190-190.	0.3	O
284	More Bottle Physics: Open wine bottles without corkscrews, cutting glass bottles with thermal stress. Physics Teacher, 2014, 52, 190-190.	0.3	0
285	Standard mechanics rotational motion problems enacted with motor vehicles. Physics Teacher, 2014, 52, 190-190.	0.3	O
286	NASA Physics: An online one-semester modular conceptual HS Physics course. Physics Teacher, 2014, 52, 190-190.	0.3	0
287	 <i>New Direct-Measurement Video Library established </i> . Physics Teacher, 2014, 52, 254-254.	0.3	0
288	Benjamin Franklin and Electrostatics, by Robert A. Morse, www.compadre.org/psrc/Franklin/. Physics Teacher, 2013, 51, 318-318.	0.3	O

#	Article	IF	CITATIONS
289	Two new publications from the National Academies Press:. Physics Teacher, 2013, 51, 318-318.	0.3	O
290	Applying New Research to Improve Science Education by Carl Wieman, www.issues.org/29.1/carl.html. Physics Teacher, 2013, 51, 254-254.	0.3	2
291	Perimeter Institute for Theoretical Physics director and theoretical physicist Neil Turok's 2012 CBC Massey Lecture videos, "The Universe Within: From Quantum to Cosmosâ€; itunes.apple.com/ca/album/cbc-massey-lectures-2012-by/id577245484. Physics Teacher, 2013, 51, 190-190.	0.3	O
292	 <i>Veritasium video plus analysis of falling slinky passes 1.3M views</i> â€^ www.youtube.com/watch?v=uiyMuHuCFo4 . Physics Teacher, 2013, 51, 382-382.	0.3	0
293	• U.S. National Science Board releases "STEM Education Data and Trends Tool". Physics Teacher, 2013, 51, 573-573.	0.3	O
294	OSA Complementary Optics Tutorials for researchers, professionals, students, and faculty, www.opticsinfobase.org/aop/journal/aop/tutorials.cfm. Physics Teacher, 2013, 51, 318-318.	0.3	0
295	Finland, educational reform, and physics: YouTube videos from Vanderbilt and comments from Finnish physics teacher preparation scholar. Physics Teacher, 2013, 51, 61-61.	0.3	0
296	"The Finland Phenomenon―(A documentary in four parts on YouTube) by Tony Wagner, Harvard University, www.2mminutes.com/films/finland-phenomenon.asp, www.tonywagner.com/resources/the-global-achievement-gap, www.tonywagner.com/. Physics Teacher, 2013, 51, 125-125.	0.3	0
297	Physics of two theatrical optical cloaking demonstrations from RIT father and son team www.rochester.edu/news/show.php?id=6522. Physics Teacher, 2013, 51, 382-382.	0.3	O
298	Explore Sound by the Acoustical Society of America; exploresound.org. Physics Teacher, 2013, 51, 254-254.	0.3	0
299	• Musical Theoretical Physics: "Bohemian Gravity,―and "Rolling in the Higgs,―by Tim Blois of McGill Physics http://www.youtube.com/watch?v=2rjbtsX7twc http://www.youtube.com/watch?v=VtltBX1l1VY. Physics Teacher, 2013, 51, 510-510.	0.3	O
300	Twilight of the Lecture (featuring wideos from Eric Mazur's physics students) by Craig Lambert, harvardmagazine.com/2012/03/twilight-of-the-lecture. Physics Teacher, 2013, 51, 254-254.	0.3	0
301	• MAGNETS: How Do They Work? Ferromagnetism: Particles, orbits, elements and domains from Minute Physics and "Veritasium―http://www.youtube.com/watch?v=hFAOXdXZ5TM http://www.youtube.com/user/ninutephysics http://www.youtube.com/user/1veritasium. Physics Teacher. 2013. 51. 510-510.	0.3	O
302	More Finland, educational reform and physics; YouTube wideos from Wanderbilt and Harvard and comments from Finnish physics teacher preparation scholar. Physics Teacher, 2013, 51, 125-125.	0.3	0
303	American Chemical Society ByteSize science wideos, bytesizescience.com/index.cfm. Physics Teacher, 2013, 51, 125-125.	0.3	1
304	• Reports Roundup: College Board, National Science Board's 2013 SAT Report on College and Career Readiness. Physics Teacher, 2013, 51, 573-573.	0.3	0
305	• U.S. National Science Board releases Science and Engineering Indicators 2012. Physics Teacher, 2013, 51, 573-573.	0.3	1
306	• U.S. National Science Board releases "Preparing the Next Generation of STEM Innovators: Identifying and Developing Our Nation's Human Capital― Physics Teacher, 2013, 51, 573-573.	0.3	10

#	Article	IF	CITATIONS
307	Touch Wood commercial: A demo video for discussing the conservation of mechanical energy www.onbeing.org/blog/touch-wood-japanese-forest-bach/3753. Physics Teacher, 2013, 51, 382-382.	0.3	O
308	<i>Horizon Research Releases 2012 National Survey of Science and Math Education</i> , tinyurl.com/WS-NSSME. Physics Teacher, 2013, 51, 254-254.	0.3	1
309	Summer Professional Development Activities for Physics Teachers compiled by PTEC, www.ptec.org/pd/. Physics Teacher, 2013, 51, 318-318.	0.3	0
310	New resource guide for teaching or learning about planets elsewhere. Physics Teacher, 2013, 51, 382-382.	0.3	0
311	Ontario section (OAPT) newsletter www.oapt.ca/newsletter/. Physics Teacher, 2013, 51, 382-382.	0.3	1
312	The physics of sailing science. kqed.org/quest/video/the-physics-of-sailing/. Physics Teacher, 2013, 51, 382-382.	0.3	0
313	Update ofslideshow encouraging careers in physics â€" June 2013 Physics InSight now available! www.aps.org/careers/insight/download.cfm. Physics Teacher, 2013, 51, 382-382.	0.3	1
314	• Phillip Morrison's PBS series "Ring of Truth―(1987) excerpts start arriving on YouTube. Physics Teacher, 2013, 51, 573-573.	0.3	1
315	<i>Royal Institution RI Channel science videos</i> , richannel.org/richannel.org/christmas-lectures/. Physics Teacher, 2013, 51, 254-254.	0.3	0
316	Red Bull Stratos Jump analysis by Rhett Allain of dot physics, www.wired.com/wiredscience/2012/10/what-is-the-speed-of-sound/. Physics Teacher, 2012, 50, 574-574.	0.3	0
317	Discipline-based education research: Understanding and Improving Learning in Undergraduate Science and Engineering, an NAP/NSF published book on DBER, tinyurl.com/WS-DBER. Physics Teacher, 2012, 50, 510-510.	0.3	0
318	Building a Grad Nation: Progress and Challenge in Ending the High School Dropout Epidemic, www.americaspromise.org/. Physics Teacher, 2012, 50, 317-317.	0.3	0
319	Collective Intelligence and Problem Solving < DOI: l0.1126/science.1193147 >. Physics Teacher, 2012, 50, 317-317.	0.3	0
320	Report on HS Physics Teacher Preparation, www.aip.org/statistics/trends/reports/hsteachprep.pdf, by Casey Langer Tesfaye and Susan White of the American Institute of Physics (AIP). Physics Teacher, 2012, 50, 317-317.	0.3	0
321	Annual reminder: Get your summer physics professional development plans under way. Physics Teacher, 2012, 50, 317-317.	0.3	0
322	Science Edventures blog by Peter Newbury of the University of British Columbia Physics and Astronomy, blogs.ubc.ca/polarisdotca/. Physics Teacher, 2012, 50, 317-317.	0.3	0
323	American Modeling Teachers Association website Modelinginstruction.org. Physics Teacher, 2012, 50, 446-446.	0.3	0
324	An audio physics/science ed podcast by teachers: Lab Out Loud, laboutloud.com. Physics Teacher, 2012, 50, 61-61.	0.3	0

#	Article	IF	CITATIONS
325	Dr. Don Petit's "Science off the Sphere―videos physicscentral.com/explore/sots/. Physics Teacher, 2012, 50, 253-253.	0.3	О
326	The Cassiopeia Project: A series of free science education videos available from Cassiopeiaproject.com. Physics Teacher, 2012, 50, 253-253.	0.3	0
327	The Standard Model appearing in Minute Physics video vignettes on YouTube youtube.com/watch?v=HVO0HgMi6Lc. Physics Teacher, 2012, 50, 253-253.	0.3	0
328	Physics story of the year 2012; Higgs boson mass sorted by CERN. Physics Teacher, 2012, 50, 381-381.	0.3	0
329	 <i>CoolStuff video replicates the original Faraday motor in your Class</i> , tinyurl.com/CSFaradayMotor. Physics Teacher, 2012, 50, 189-189.	0.3	1
330	Physics of Breaking Bottles by Hand, preview, tinyurl.com/WSbottle; arxiv.org/abs/1210J764. Physics Teacher, 2012, 50, 574-574.	0.3	0
331	NB Clearn's Science of the Summer Olympics. Physics Teacher, 2012, 50, 381-381.	0.3	0
332	iOS physics learning apps (for Apple products iPhone, iPod Touch, iPad). Physics Teacher, 2012, 50, 61-61.	0.3	0
333	Scale of the Universe 2: An Interactive Scale of the Universe Tool by Cary and Michael Huang htwins.net/scale2/. Physics Teacher, 2012, 50, 253-253.	0.3	0
334	<i>Super Ultimate Graphing Challenge kinematics graphing game by Matthew Blackman</i> , theuniverseandmore.com. Physics Teacher, 2012, 50, 574-574.	0.3	0
335	<i>Physics of Music and Acoustics at University of New South Wales</i> , www.phys.unsw.edu.au/music/www.acs.psu.edu/drussell/demos.html. Physics Teacher, 2012, 50, 574-574.	0.3	0
336	YouTube Minute Physics channel by Henry Reich youtube.com/user/minutephysics. Physics Teacher, 2012, 50, 125-125.	0.3	0
337	Physics! Blog! by modeler Kelly O'Shea of St. Andrew's School Physics kellyoshea.wordpress.com/. Physics Teacher, 2012, 50, 446-446.	0.3	0
338	Physics blogs, TEDx talks, and presidential teaching awards. Physics Teacher, 2012, 50, 381-381.	0.3	0
339	John Bell video on YouTube youtube.com/watch?v=V8CCfOD1iu8. Physics Teacher, 2012, 50, 125-125.	0.3	7
340	Professional web artifacts to ponder. Physics Teacher, 2012, 50, 381-381.	0.3	0
341	Veritasium lives, Veritasium.org. Physics Teacher, 2012, 50, 510-510.	0.3	0
342	Also interesting are a series of iOS applets. Physics Teacher, 2012, 50, 61-61.	0.3	0

#	Article	IF	CITATIONS
343	"Teacher Education in Physics,―edited by David E. Meltzer and Peter Shaffer www.ptec.org/items/detail.cfm?ID=11618. Physics Teacher, 2012, 50, 253-253.	0.3	О
344	Video Sites update: "Science Off the Sphere,―www.physicscentral.com/explore/sots/index.cfm. Physics Teacher, 2012, 50, 510-510.	0.3	0
345	Phys-L listserv relocates, recent posting wave on online/free software for teaching astronomy, www. phys-l.org/ tinyurl.com/WS-PL-SepAstro. Physics Teacher, 2012, 50, 510-510.	0.3	0
346	Education Week; "Teacher Quality, Status Entwined Among Top-Performing Nations― Physics Teacher, 2012, 50, 381-381.	0.3	0
347	Humorous uses of physics on the web XKCD starts What If? Tuesday feature at what-if.xkcd.com. Physics Teacher, 2012, 50, 446-446.	0.3	0
348	The Global Physics Department: A weekly virtual physics teacher coaching and professional development site Globalphysicsdept.org. Physics Teacher, 2012, 50, 446-446.	0.3	0
349	Angry Birds: The physics phenomenon. Physics Teacher, 2011, 49, 399-399.	0.3	3
350	IR Cameras and the Baseball World Series; tinyurl.com/nathanIR. Physics Teacher, 2011, 49, 589-589.	0.3	0
351	American Institute of Physics 2008–9 Nationwide Survey of HS Physics Teachers released. Physics Teacher, 2011, 49, 63-63.	0.3	O
352	Rising Above the Gathering Storm Revisited released by National Academy of Science. Physics Teacher, 2011, 49, 63-63.	0.3	0
353	Notable figures in Physics Education Research interviewed for Tomorrow's Classroom series on Public Radio, americanradioworks.publicradio.org/features/tomorrows-college/lectures/. Physics Teacher, 2011, 49, 526-526.	0.3	0
354	Bob Beichner a winner of 2011 McGraw Prize in Education for NCSU SCALE-UP Physics Program; five-minute video at tinyurl.com/beichner. Physics Teacher, 2011, 49, 589-589.	0.3	0
355	Blue laser pointers are now affordable, www.amazon.com. Physics Teacher, 2011, 49, 191-191.	0.3	0
356	Relativity and the Leadâ€Acid Car Battery from PRL Focus, focus.aps.org/story/v27/st2#author. Physics Teacher, 2011, 49, 191-191.	0.3	0
357	Association of American Universities (AAU) initiative to improve the quality of STEM teaching and learning, www.insidehighered.com/news/2011/09/15/qt#270450. Physics Teacher, 2011, 49, 526-526.	0.3	1
358	Notable physics curricula for newly assigned physics teachers. Physics Teacher, 2011, 49, 399-399.	0.3	0
359	Al's relativistic adventures, by Kiran Sachdev, Jackie English and Bogdan Luca of the Perimeter Institute; http://www.onestick.com/relativity/. Physics Teacher, 2011, 49, 462-462.	0.3	0
360	Physics resources on Nuclear Reactor function and the Fukushima reactor incidents. Physics Teacher, 2011, 49, 319-319.	0.3	0

#	Article	IF	CITATIONS
361	Get your summer physics professional development plans under way. Physics Teacher, 2011, 49, 319-319.	0.3	0
362	Veritasium science videos by Derek Muller. Physics Teacher, 2011, 49, 319-319.	0.3	0
363	All (4000+ titles) National Academies Press (NAP) PDF books now freely downloadable from www.nap.edu/. Physics Teacher, 2011, 49, 399-399.	0.3	1
364	Summer professional development for physics teachers. Physics Teacher, 2010, 48, 350-350.	0.3	0
365	Physics To Go online newsletter passes 100th edition. Physics Teacher, 2010, 48, 559-559.	0.3	O
366	Galileo's "falling bodiesâ€experiment "reâ€createdâ€at Pisa, www.tinyurl/galileoâ€pisa. Physics Teacher, 2010, 48, 350-350.	0.3	0
367	Paul Hewitt's Next Time Questions (with solutions) available from Arbor Scientific website. Physics Teacher, 2010, 48, 428-428.	0.3	O
368	Demonstrating magnetohydrodynamic (MHD) propulsion in a minute. Physics Teacher, 2010, 48, 428-428.	0.3	0
369	Physics of surfing resources. Physics Teacher, 2010, 48, 428-428.	0.3	O
370	Physics and science teaching blogs. Physics Teacher, 2010, 48, 494-494.	0.3	0
371	What's happening in introductory college physics curriculum funding: The NSF TUES program. Physics Teacher, 2010, 48, 559-559.	0.3	O
372	The Science 360 News Service, news.science360.gov. Physics Teacher, 2010, 48, 350-350.	0.3	0
373	Doing What Works: http://dww.ed.gov. Physics Teacher, 2009, 47, 254-254.	0.3	O
374	Paper Roller Coasters website. Physics Teacher, 2009, 47, 60-60.	0.3	0
375	Convenient unit conversions using Google. Physics Teacher, 2009, 47, 254-254.	0.3	O
376	2009 is the International Year of Astronomy. Physics Teacher, 2009, 47, 254-254.	0.3	1
377	Friction demonstrations with interleaved book pages. Physics Teacher, 2009, 47, 254-254.	0.3	1
378	Using videos from http://YouTube.com and other online sources with blocked Internet access. Physics Teacher, 2009, 47, 60-60.	0.3	0

#	Article	IF	CITATIONS
379	Some sample instructor assembled sites featuring videos to try. Physics Teacher, 2009, 47, 60-60.	0.3	O
380	More Summer 2009 Physics Teacher Professional Workshop announcements. Physics Teacher, 2009, 47, 254-254.	0.3	0
381	Two Free Circuit Simulators and Circuit Diagram Editors for PC. Physics Teacher, 2008, 46, 319-319.	0.3	O
382	Web Cartoons for Physics and Mathematics: http://xkcd.com/ and http://www.foxtrot.com. Physics Teacher, 2008, 46, 319-319.	0.3	0
383	MacIsaac and Saeli's Response. Physics Teacher, 2008, 46, 133-134.	0.3	0
384	Newton's Universal Law of Gravitation experiments, lessons and activities:. Physics Teacher, 2007, 45, 255-255.	0.3	0
385	Websites for Teaching High School and Introductory College Modern Physics Topics: Teaching about the Bohr Atom:. Physics Teacher, 2007, 45, 124-124.	0.3	0
386	Websites for Teaching High School and Introductory College Modern Physics Topics: Teaching about the Photoelectric Effect:. Physics Teacher, 2007, 45, 124-124.	0.3	1
387	Wine Glass Resonance Video. Physics Teacher, 2007, 45, 255-255.	0.3	1
388	Websites for Teaching High School and Introductory College Modern Physics Topics: Teaching about the Millikan Oil Drop Experiment:. Physics Teacher, 2007, 45, 124-124.	0.3	4
389	Using Gravitational Analogies to Introduce Elementary Electrical Field Theory Concepts. Physics Teacher, 2007, 45, 104-108.	0.3	9
390	Doppler Effect Interactive Collection and Superparamagnetic Effect Video Sites:. Physics Teacher, 2007, 45, 255-255.	0.3	1
391	Online Distance Education Graduate Courses in Physics Especially for High School Physics Teachers. Physics Teacher, 2007, 45, 398-398.	0.3	0
392	More Instructional Physics Simulations. Physics Teacher, 2006, 44, 57-57.	0.3	0
393	Some recent developments in online journals of interest to TPT readers: The journals of the Royal Society. Physics Teacher, 2006, 44, 622-622.	0.3	0
394	Some recent developments in online journals of interest to TPT readers: Affordable Optics Demonstrations and activities. Physics Teacher, 2006, 44, 622-622.	0.3	0
395	Several HS Physics Teaching Website Collections: American Nuclear Society ReActions Newsletter for Teachers: http://www.ans.org/pi/teachers/reactions. Physics Teacher, 2006, 44, 319-319.	0.3	0
396	Diagnoser. Physics Teacher, 2006, 44, 126-126.	0.3	0

#	Article	IF	CITATIONS
397	More Ideological Science. Physics Teacher, 2006, 44, 57-57.	0.3	O
398	A friction applet and other activities appropriate for elementary students. Physics Teacher, 2006, 44, 126-126.	0.3	0
399	Physics-Related Electronic Community Email Lists. Physics Teacher, 2006, 44, 57-57.	0.3	0
400	Constructing an inexpensive working aluminum-air battery. Physics Teacher, 2006, 44, 126-126.	0.3	0
401	More Physics of Sports. Physics Teacher, 2006, 44, 556-556.	0.3	1
402	Podcasts for physics, astronomy and science teachers. Physics Teacher, 2006, 44, 622-622.	0.3	1
403	ComPADRE Digital Collections. Physics Teacher, 2006, 44, 398-398.	0.3	2
404	Compendium of submitted URLs on various topics. Physics Teacher, 2006, 44, 556-556.	0.3	0
405	Some recent developments in online journals of interest to TPT readers: Physics Teacher Preparation Policy in Process. Physics Teacher, 2006, 44, 622-622.	0.3	0
406	Web Resources for Teaching Waves and Electrostatics: Construction of simple electrostatic devices and inâ€class analysis of electrostatic phenomena. Physics Teacher, 2005, 43, 57-57.	0.3	0
407	Web Resources for Teaching Introductory Circuits: RLC Circuits simulation applets. Physics Teacher, 2005, 43, 190-190.	0.3	0
408	Web Resources for Teaching Introductory Electric and Magnetic Fields: 400 years of W. Gilbert's De Magnete. Physics Teacher, 2005, 43, 126-126.	0.3	0
409	Web Resources for Teaching Introductory Optics: Young's double-slit experiment. Physics Teacher, 2005, 43, 254-254.	0.3	0
410	Web Resources for Teaching Introductory Optics: K-12 and middle-school-appropriate optics sites. Physics Teacher, 2005, 43, 254-254.	0.3	0
411	Web Resources for Teaching Introductory Electric and Magnetic Fields: Building electric motors. Physics Teacher, 2005, 43, 126-126.	0.3	0
412	Web resources for teaching introductory modern physics: An online special and general relativity. Physics Teacher, 2005, 43, 316-316.	0.3	0
413	Web resources for teaching introductory modern physics: Particle physics sites. Physics Teacher, 2005, 43, 316-316.	0.3	0
414	Web Resources for Teaching Introductory Electric and Magnetic Fields: The MIT TEAL Physics 8.02 Electricity & Magnetism Project. Physics Teacher, 2005, 43, 126-126.	0.3	0

#	Article	IF	Citations
415	An Investigation of Factors Affecting the Degree of Na�ve Impetus Theory Application. Journal of Science Education and Technology, 2005, 14, 101-116.	3.9	11
416	Web resources for teaching introductory modern physics: The Mechanical Universe. Physics Teacher, 2005, 43, 316-316.	0.3	0
417	Web Resources for Teaching Introductory Circuits: Biographies. Physics Teacher, 2005, 43, 190-190.	0.3	0
418	Pendulum Waves: Compelling Videos. Physics Teacher, 2005, 43, 622-622.	0.3	0
419	Web Resources for Teaching Introductory Circuits: The Mechanical Universe. Physics Teacher, 2005, 43, 190-190.	0.3	0
420	Web Resources for Teaching Introductory Circuits: Tutorials, Simulations, Visualizations and Applets. Physics Teacher, 2005, 43, 190-190.	0.3	0
421	Web Resources for Teaching Introductory Electric and Magnetic Fields: The Mechanical Universe. Physics Teacher, 2005, 43, 126-126.	0.3	0
422	Nuclear Pathways: A Nuclear Information Clearinghouse. Physics Teacher, 2005, 43, 556-556.	0.3	0
423	Web Resources for Teaching Introductory Electric and Magnetic Fields: Movies of electrostatics experiments. Physics Teacher, 2005, 43, 126-126.	0.3	O
424	Electrostatics Activities, and a website for implementing Peer Instruction and Just-in-Time Teaching: Ben Franklin as My Lab Partner. Physics Teacher, 2005, 43, 398-398.	0.3	0
425	Web Resources for Teaching Introductory Electric and Magnetic Fields: More electric fields. Physics Teacher, 2005, 43, 126-126.	0.3	0
426	Two General Science Cultural Website Announcements Recently Sent to WebSights: The Speaking Series Home Page, http://www.angel-fire.com/tx/StatBook. Physics Teacher, 2005, 43, 190-190.	0.3	0
427	Bob Park's What's New. Physics Teacher, 2005, 43, 622-622.	0.3	1
428	Web Resources for Teaching Waves and Electrostatics: Wave and pulse visualization websites. Physics Teacher, 2005, 43, 57-57.	0.3	0
429	Intelligent Design and Creationism vs. Astronomy and Physics: Science teaching under fire from idealogues. Physics Teacher, 2005, 43, 622-622.	0.3	1
430	Two non-E&M-specific website announcements recently sent to WebSights include: The CoolStuff Physics Demo Archives at Arbor Scientific. Physics Teacher, 2005, 43, 126-126.	0.3	0
431	Two non-E&M-specific website announcements recently sent to WebSights include: The Skyserver Archive of the Sloan Digital Sky Survey. Physics Teacher, 2005, 43, 126-126.	0.3	0
432	Web Resources for Teaching Introductory Optics: A more sophisticated geometric optics applet. Physics Teacher, 2005, 43, 254-254.	0.3	0

#	Article	IF	CITATIONS
433	Web resources for teaching introductory modern physics: Radioactivity sites. Physics Teacher, 2005, 43, 316-316.	0.3	0
434	Web resources for teaching introductory modern physics: Historical sites for modern physics. Physics Teacher, 2005, 43, 316-316.	0.3	0
435	Web resources for teaching introductory modern physics: Two resources for teaching introductory atomic, wave and quantum physics. Physics Teacher, 2005, 43, 316-316.	0.3	0
436	Online Professional Journals for Physics Teachers. Physics Teacher, 2005, 43, 556-556.	0.3	0
437	Web Resources for Teaching Introductory Optics: Atmospheric optical phenomena. Physics Teacher, 2005, 43, 254-254.	0.3	0
438	Graphs and Tracks: A 1-D motion teaching applet and discussion recently spotted on Modeling-L:. Physics Teacher, 2005, 43, 254-254.	0.3	0
439	Web Resources for Teaching Introductory Optics: Optics simulations. Physics Teacher, 2005, 43, 254-254.	0.3	1
440	Astronomy Teaching Resources. Physics Teacher, 2005, 43, 316-316.	0.3	0
441	Electrostatics Activities, and a website for implementing Peer Instruction and Just-in-Time Teaching: The Interactive Learning Toolkit. Physics Teacher, 2005, 43, 398-398.	0.3	2
442	How To Evaluate Websites; Obtaining the Modeling Physics Curriculum: Evaluating websites for school use. Physics Teacher, 2005, 43, 479-479.	0.3	1
443	How To Evaluate Websites; Obtaining the Modeling Physics Curriculum: Obtaining the freely-distributed Modeling Physics curriculum files. Physics Teacher, 2005, 43, 479-479.	0.3	0
444	Web Resources for Teaching Introductory Optics: Some wave optics simulations. Physics Teacher, 2005, 43, 254-254.	0.3	0
445	Web Resources for Teaching Introductory Optics: An artist's site exploring optics. Physics Teacher, 2005, 43, 254-254.	0.3	0
446	Web Resources for Teaching Waves and Electrostatics: The history of electrostatics. Physics Teacher, 2005, 43, 57-57.	0.3	0
447	Web Resources for Teaching Waves and Electrostatics: The Mechanical Universe. Physics Teacher, 2005, 43, 57-57.	0.3	0
448	Web Resources for Teaching Waves and Electrostatics: Michael Wittman's Wave Diagnostic Test. Physics Teacher, 2005, 43, 57-57.	0.3	0
449	Web Resources for Teaching Waves and Electrostatics: A nice JAVA applet. Physics Teacher, 2005, 43, 57-57.	0.3	0
450	Sites for Course Background: Chemistry Math Review, http://www.old.umassd.edu/1Academic/CArtsandSciences/Chemistry/Catalyst/catalyst.html Physics Teacher, 2004, 42, 383-383.	0.3	0

#	Article	IF	CITATIONS
451	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Personal Hovercraft, http://physicsed.buffalostate.edu/WNYPTA/meetings/2003-04/12Jun04/hover.doc. Physics Teacher, 2004, 42, 447-447.	0.3	O
452	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: Water Rocket Physics. Physics Teacher, 2004, 42, 510-510.	0.3	0
453	Web Resources for Teaching Rotational Motion and Thermal Physics: Physics of Sport and Dance, http://www.phy.ntnu.edu.tw/ntnujava/viewtopic.php?t=5. Physics Teacher, 2004, 42, 560-560.	0.3	O
454	Web Resources for Teaching Rotational Motion and Thermal Physics: Music (Physics Songs and Raps), http://www.scientificjam.com/scijamsongs/songs.html. Physics Teacher, 2004, 42, 560-560.	0.3	0
455	Web Resources for Teaching Rotational Motion and Thermal Physics: References for Students, http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html. Physics Teacher, 2004, 42, 560-560.	0.3	0
456	Sites for Course Background: The Mechanical Universe, http://www.learner.org/progdesc/series42.html. Physics Teacher, 2004, 42, 383-383.	0.3	0
457	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Spacecraft Piloting Games, http://www.ncsu.edu/sciencejunction/station/gameroom/spacetrak/index.html. Physics Teacher, 2004, 42, 447-447.	0.3	0
458	Some Sites for Introductory Kinematics, http://jersey.uoregon.edu/vlab/Cannon/index.html. Physics Teacher, 2004, 42, 383-383.	0.3	0
459	Sites for Course Background: The Magnitudes of Physics, http://smccd.net/accounts/goth/MainPages/magphys.htm. Physics Teacher, 2004, 42, 383-383.	0.3	0
460	Web Resources for Teaching Rotational Motion and Thermal Physics: Engines and Cycles, http://www.stirlingengine.com/. Physics Teacher, 2004, 42, 560-560.	0.3	0
461	Sites for Course Background: Powers of Ten, http://micro.magnet.fsu.edu/primer/java/scienceopticsu/powersof10 Physics Teacher, 2004, 42, 383-383.	0.3	0
462	Sites for Course Background: Vectors Tutorials and Applet, http://www.pa.uky.edu/â^¼phy211/VecArith/. Physics Teacher, 2004, 42, 383-383.	0.3	0
463	Web Resources for Teaching Rotational Motion and Thermal Physics: Rotational Motion Tutorials and Applets, http://www.physics.brocku.ca/faculty/sternin/120/applets/CircularMotion/. Physics Teacher, 2004, 42, 560-560.	0.3	0
464	Some Sites for Introductory Kinematics, http://www.crs4.it/Ars/arshtml/arstoc.html. Physics Teacher, 2004, 42, 383-383.	0.3	0
465	Some Sites for Introductory Kinematics, http://www.learner.org/progdesc/series42.html. Physics Teacher, 2004, 42, 383-383.	0.3	0
466	Web Resources for Teaching Rotational Motion and Thermal Physics: Video projector-ready applets, http://www.phy.ntnu.edu.tw/java/idealGas/idealGas.html. Physics Teacher, 2004, 42, 560-560.	0.3	0
467	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: Car Crashes and Auto Accident Reconstruction. Physics Teacher, 2004, 42, 510-510.	0.3	0
468	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Visualizing Inclined Planes, Banked Roads, and Newton's Third Law, http://physicsed.buffalostate.edu/pubs/TPT/TPTApr01WallFlex/. Physics Teacher, 2004, 42, 447-447.	0.3	0

#	Article	IF	CITATIONS
469	Some Sites for Introductory Kinematics, http://physics.bu.edu/â^1/4duffy/java/ReIV2.html. Physics Teacher, 2004, 42, 383-383.	0.3	O
470	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: The Mechanical Universe. Physics Teacher, 2004, 42, 510-510.	0.3	0
471	Web Resources for Teaching Rotational Motion and Thermal Physics: Follow-up on Water Rockets, http://www.matchstickrockets.com/. Physics Teacher, 2004, 42, 560-560.	0.3	0
472	Physics Teacher by Choice or Chance?. Physics Teacher, 2004, 42, 558-559.	0.3	0
473	Some Sites for Introductory Kinematics, http://www.physicsclassroom.com/mmedia/kinema/kinemaTOC.html. Physics Teacher, 2004, 42, 383-383.	0.3	0
474	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: The Mechanical Universe, http://www.learner.org/resources/series42.html. Physics Teacher, 2004, 42, 447-447.	0.3	1
475	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Gravity, Orbits, and Kepler's Laws, http://observe.arc.nasa.gov/nasa//education/reference/orbits/orbits.html. Physics Teacher, 2004, 42, 447-447.	0.3	0
476	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: Follow-up on Spacecraft Piloting Games. Physics Teacher, 2004, 42, 510-510.	0.3	0
477	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Students Like to See Newton's Laws Analyzing Their Own Bodies and Interesting Situations, http://hyperphysics.phy-astr.gsu.edu/hbase/carcr.html. Physics Teacher, 2004, 42, 447-447.	0.3	0
478	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: Roller Coaster/Amusement Park Physics. Physics Teacher, 2004, 42, 510-510.	0.3	0
479	Web Resources for Teaching Impulse and Momentum Conservation, Work, and Energy: Collisions Simulations/Animation Applets. Physics Teacher, 2004, 42, 510-510.	0.3	0
480	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Unit-Level Curricula for Forces, http://modeling.asu.edu/Curriculum.html. Physics Teacher, 2004, 42, 447-447.	0.3	0
481	Web Resources for Teaching Rotational Motion and Thermal Physics: The Mechanical Universe, http://www.learner.org/progdesc/series42.html. Physics Teacher, 2004, 42, 560-560.	0.3	O
482	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Tutorials and Simulations for Vectors, http://www.walter-fendt.de/ph11e/resultant.htm. Physics Teacher, 2004, 42, 447-447.	0.3	0
483	Sites for Teaching Newton's Laws, Introductory Forces, and Uniform Circular Motion: Tutorials and Simulations for Free-Body Diagrams, http://www.glenbrook.k12.il.us/gbssci/phys/shwave/fbd.html. Physics Teacher, 2004, 42, 447-447.	0.3	1
484	Microwave Mischief and Madness. Physics Teacher, 2002, 40, 264-266.	0.3	4
485	Reforming Physics Instruction Via RTOP. Physics Teacher, 2002, 40, 479-485.	0.3	68
486	Communities of on-line physics educators. Physics Teacher, 2000, 38, 210-213.	0.3	1