Review of articles for FY1M class
J. Erhart

Scopus – **Energy, work, power**

Poonyawatpornkul J., Snguanrat B., Chaiworn P.
A low-cost method for quantifying bouncing ball dynamics with smartphone video
(2024) Physics Education, 59 (6), art. no. 065020

Cross R.
Work done on a tennis ball yo-yo
(2024) Physics Education, 59 (6), art. no. 063004

D'Abramo G.
Sound escapes any gravity well
(2024) Physics Education, 59 (3), art. no. 035011

Cross R.
Work done on a bouncing ball
(2024) Physics Education, 59 (3), art. no. 033006

Kok K., Priemer B.
Using measurement uncertainties to detect incomplete assumptions about theory in an experiment with rolling marbles
(2023) Physics Education, 58 (3), art. no. 035007

Harrison M.
A simple practical to measure energy stored when stretching a spring
(2023) Physics Education, 58 (6), art. no. 063002

Hughes S.
The physics of nerf guns
(2024) Physics Education, 59 (4), art. no. 043009

Cross R.
Work and energy during a head-on collision
(2024) Physics Education, 59 (2), art. no. 025013

Cross R.
Static friction on the feet
(2025) Physics Education, 60 (3), art. no. 033003

Boczianowski F., Priemer B.
The spinning toilet brush-a classroom experiment on the mechanical equivalent of Joule's heat
(2023) Physics Education, 58 (6), art. no. 065012

Lopes Coelho R.
On Joule's paddle wheel experiment in textbooks
(2024) Physics Education, 59 (2), art. no. 025008

Pili U.B.
Work-based measurement of k with a spring-mass system: a demo of the work done by a variable force
(2023) Physics Education, 58 (4), art. no. 043002

Cross R.
Work done by static friction on a bouncing ball
(2024) Physics Education, 59 (3), art. no. 033005

Soin S., Batra S., Maurya V.K., Pulikkotil J., Kumar A.
The interplay of energy and motion of coupled pendulums: a high school student exploration
(2025) Physics Education, 60 (1), art. no. 015027

Riggs P.J.
Energy and mass misconceptions
(2023) Physics Education, 58 (3), art. no. 035015

Untoro N., Ramdhan M.
Simple experiment design for impulsive force measure at hammer and nail collisions
(2024) Physics Education, 59 (6), art. no. 065005

Cross R.
Work done by a force when the displacement of its point of application is zero
(2024) Physics Education, 59 (4), art. no. 043007

Cross R.
Work done by a torque
(2025) Physics Education, 60 (2), art. no. 023004

Cross R.
Comment on ‘Acceleration of a car from rest: friction, power and forces’
(2024) Physics Education, 59 (3), art. no. 038001

Cross R.
Work done by static friction on an incline
(2024) Physics Education, 59 (2), art. no. 023006

Cross R.
Loop the loop experiments
(2022) Physics Education, 57 (6), art. no. 065018

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Work done on a tennis ball yo-yo
(2024) Physics Education, 59 (6), art. no. 063004

D’Abramo G.
Sound escapes any gravity well
(2024) Physics Education, 59 (3), art. no. 035011

Turner W.A., Ellis G.W.
The energetics of a bouncing ball
(1999) Physics Teacher, 37 (8), pp. 496 - 498

Cross R.
Work done on a bouncing ball
(2024) Physics Education, 59 (3), art. no. 033006

Harrison M.
A simple practical to measure energy stored when stretching a spring
(2023) Physics Education, 58 (6), art. no. 063002

Cross R.
Billiard ball vs rubber ball collisions
(2022) Physics Education, 57 (3), art. no. 033001

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(2023) Physics Education, 58 (4), art. no. 043002

Cross R.
Work done by static friction on a bouncing ball
(2024) Physics Education, 59 (3), art. no. 033005

Ribas F., Espinosa J.A., Lusquios F.
Average force obtained from the impulse or from the mechanical work?
(2021) Physics Education, 56 (5), art. no. 053006

Untoro N., Ramdhan M.
Simple experiment design for impulsive force measure at hammer and nail collisions
(2024) Physics Education, 59 (6), art. no. 065005

Cross R.
Work done by a force when the displacement of its point of application is zero
(2024) Physics Education, 59 (4), art. no. 043007

Gauld C., Cross R.
Understanding Newton's cradle. I: Modelling the ideal cradle
(2021) Physics Education, 56 (2), art. no. 025001

Cross R.
Comment on ‘Acceleration of a car from rest: friction, power and forces’
(2024) Physics Education, 59 (3), art. no. 038001

Cross R.
Work done by static friction on an incline
(2024) Physics Education, 59 (2), art. no. 023006

Cross R.
Bouncing up and down an incline
(2022) Physics Education, 57 (5), art. no. 055021

Cross R.
A two-dimensional version of Newton's cradle
(2020) Physics Education, 55 (6), art. no. 063001

Kok K., Priemer B.
Using measurement uncertainties to detect incomplete assumptions about theory in an experiment with rolling marbles
(2023) Physics Education, 58 (3), art. no. 035007

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(2023) Physics Education, 58 (6), art. no. 065012

Marchewka A.
Coefficient of restitution: Derivation of Newton's experimental law from general energy considerations
(2021) Physics Education, 56 (2), art. no. 025009

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Work done by a torque
(2025) Physics Education, 60 (2), art. no. 023004

Cross R.
Sliding around a vertical loop
(2022) Physics Education, 57 (6), art. no. 065016