

Follow us on:



CourseSource - Recently Published

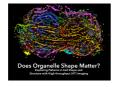
Bringing the latest articles on CourseSource to you

We're so happy to share our recently published articles with you.

Below are all the articles published since we <u>moved CourseSource to the QUBES platform</u> in September 2021.

We'll send these Recently Published notices more frequently (but still sparingly!) in the coming months!

Thank you for your support and interest in CourseSource!



Does organelle shape matter?: Exploring patterns in cell shape and structure with high-throughput (HT) imaging

Goller CC, Johnson GT, Casimo K



Meiosis remodeled: Inclusion of new parts to Poppit Bead models enhances understanding of meiosis

LaFountain JR, Rickards GK



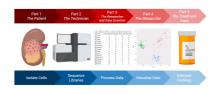
<u>Design your own flow cytometry experiment: A four-week inquiry laboratory.</u>

Dolence JJ



A CURE for Salmonella: A laboratory course in pathogen microbiology and genomics

Jurgensen SK, Harsh J, Herrick JB



Kleinschmit A, Solem A, Goller CC

Single cell insights into cancer transcriptomes: A five-part single-cell RNAseq case study lesson

Samsa LA, Eslinger M,



A remote-learning framework for student research projects: using datasets to teach experimental design, data analysis and science communication

Popolozio TR, Killpack TLA



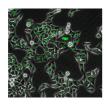
Problem-based learning for physiology: Synthesizing the cardiovascular system, respiration, macronutrient metabolism, and renal function

Vita AA, Royse EA, Pullen NA



Exploring miracle fruit: an undergraduate laboratory exercise on experimental design

Ganser SJ, Hines JK, Butler MW



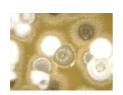
A student-led hearing on the use of HeLa cells in research

Stearns J, O'Donavan KJ, Eslinger M



Targeting misconceptions in the central dogma by examining viral infection

DeVito SR



From dirt to Streptomyces DNA

Brodkin MA



It's a substrate... it's a protein...no - it's an enzyme! Teaching using 3D serine protease physical modeling activities to confront misconceptions

Terrell CR, Kersten CA



Designing an asynchronous, self-led aquatic ecology field trip

Washko SE



Moths and frogs and E. coli, oh my!: agent-based modeling of evolutionary systems

Garretson A, Crerar LD



An active learning workshop to teach active learning strategies

Ma EY, Freisem K, Al-Noori S, Klein ER, Price RM



Developing decolonial consciousness in biology students through critical reflection assignments

Walsh LL



<u>Teaching cancer biology through a lens of</u> <u>social justice</u>

Mera YA, Wiggins BL



"I really enjoy these annotations:" Examining primary biological literature using collaborative annotation

Cafferty PW



A 360° view of COVID-19

Tsotakos N, Del Gaizo Moore V, Scheifele LZ, Wolyniak MJ, Chihade JW, Provost JJ, Roecklein-Canfield JA



How do kidneys make urine from blood? Qualitative and quantitative approaches to filtration, secretion, reabsorption, and excretion

Crowther GJ



<u>Using bioinformatics and molecular</u> <u>visualization to develop student hypotheses</u> <u>in a malate dehydrogenase oriented CURE</u>

Callahan K, Mans T, Zhang J, Bell E, Bell J



<u>Teaching the central dogma using a case study</u> <u>of genetic variation in cystic fibrosis</u>

Hare-Harris AE

Share this newsletter





<u>CourseSource</u> is an open-access journal of peer-reviewed teaching resources for undergraduate biology and physics

CourseSource is hosted on **QUBES**, a BioQUEST project

Copyright © 2024 CourseSource, All rights reserved <u>Unsubscribe</u> from mailing list Issue: 0