User Guide

JoVE Journal & Science Education

October 2016

What is JoVE?

JoVE is the world's first and only peer reviewed and PubMed Indexed scientific video journal.

JoVE has published over 5,000 video articles from institutions including Harvard, Stanford, MIT, and the NIH.

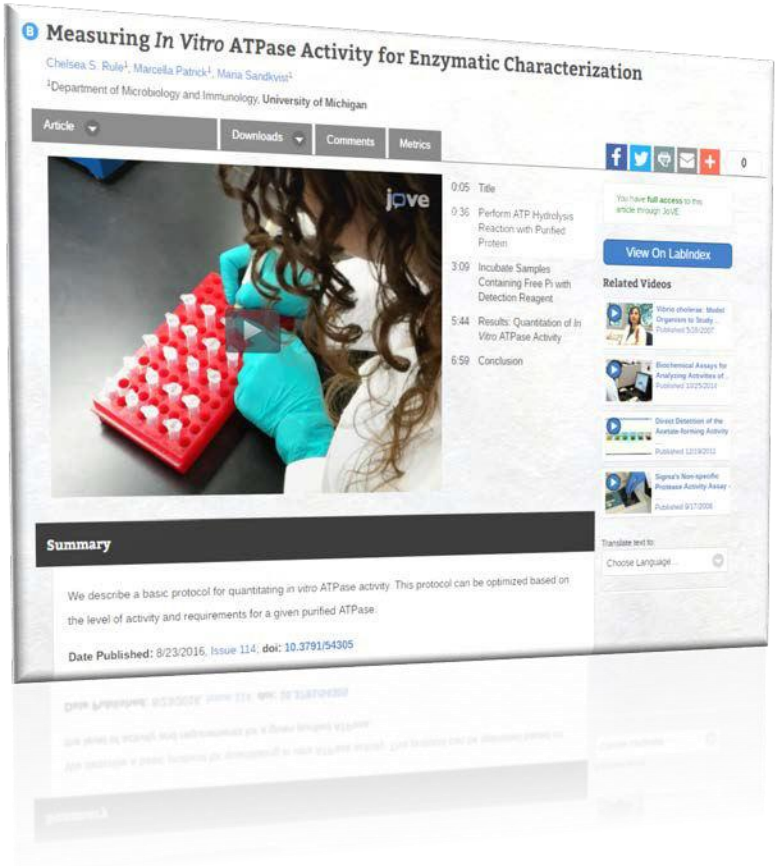
These video articles present cutting-edge research in over a dozen fields of scientific study and are viewed by millions of users in over 900 institutions around the globe.

JoVE's Solutions

JoVE Journal
The first scientific video journal dedicated to help scientists advance their research by increasing productivity, efficiency, and reproducibility.

Science Education
An innovative video database that is dedicated to teaching laboratory fundamentals through simple, easy-to-understand video demonstrations.

JoVE Journal

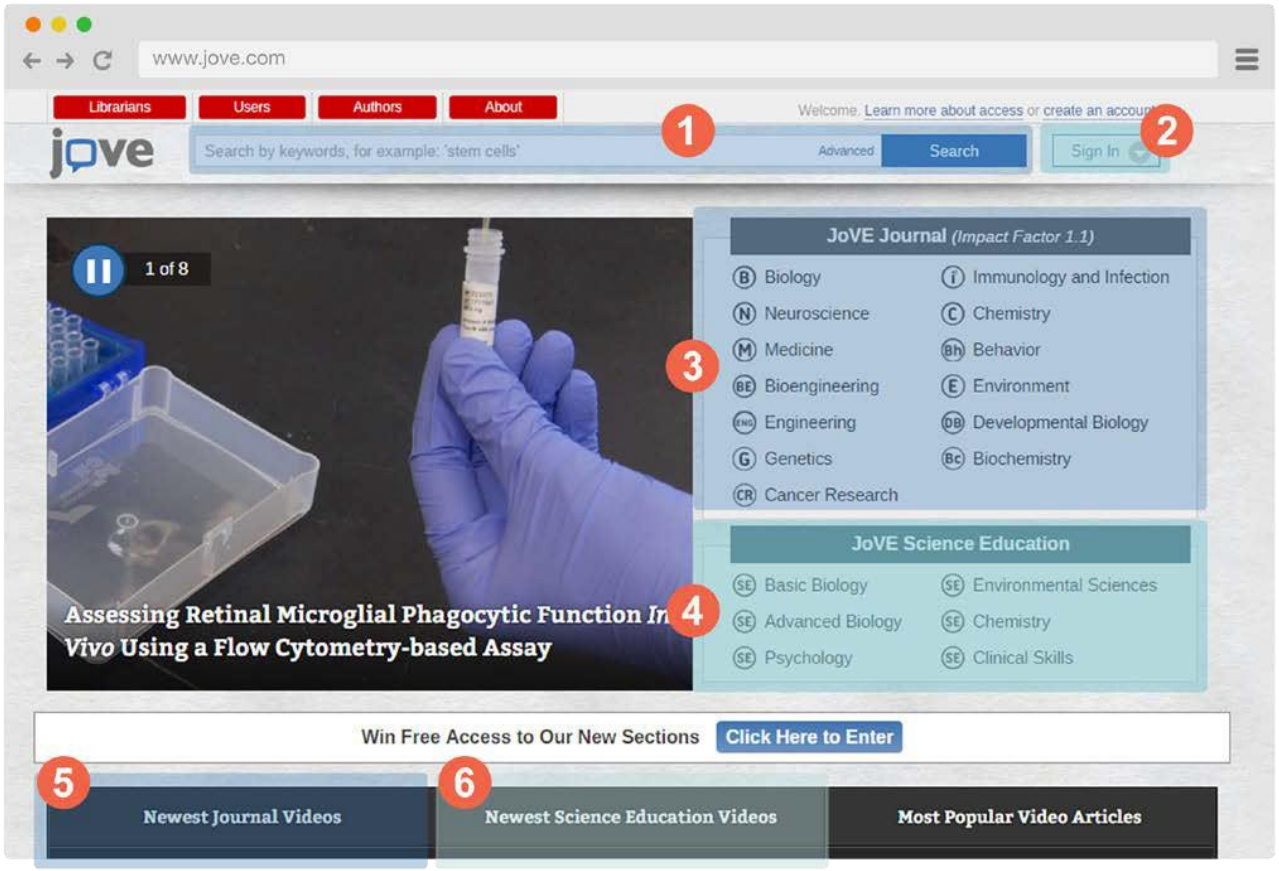


- Peer-reviewed by our prestigious editorial board
- Indexed in PubMed, Medline, SciFinder, etc.
- Over 5000 articles – 90 new video articles published each month
- Customized subscription model by section (13 sections)
- Over 16,000 published authors from top institutions worldwide

Journal Sections

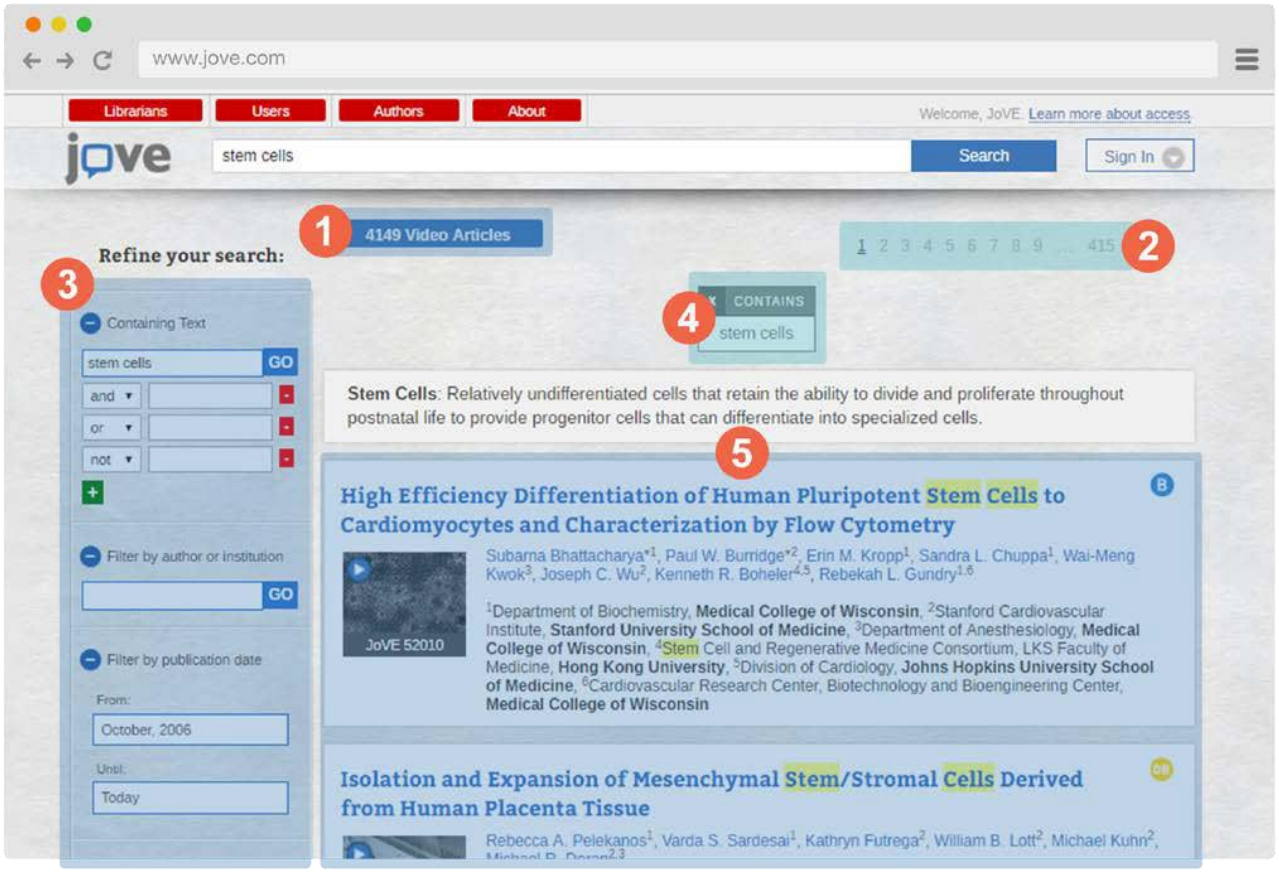
- Biology
- Immunology & Infection
- Chemistry
- Developmental Biology
- Behavior
- Biochemistry
- Cancer Research
- Medicine
- Neuroscience
- Bioengineering
- Engineering
- Environment
- Genetics

JoVE Home Page & Navigation



1. Keyword Search
2. Sign In or Create An Account
3. JoVE Journal
4. Science Education
5. Newest Journal Videos
6. Recent Science Education Video

Journal Search & Results

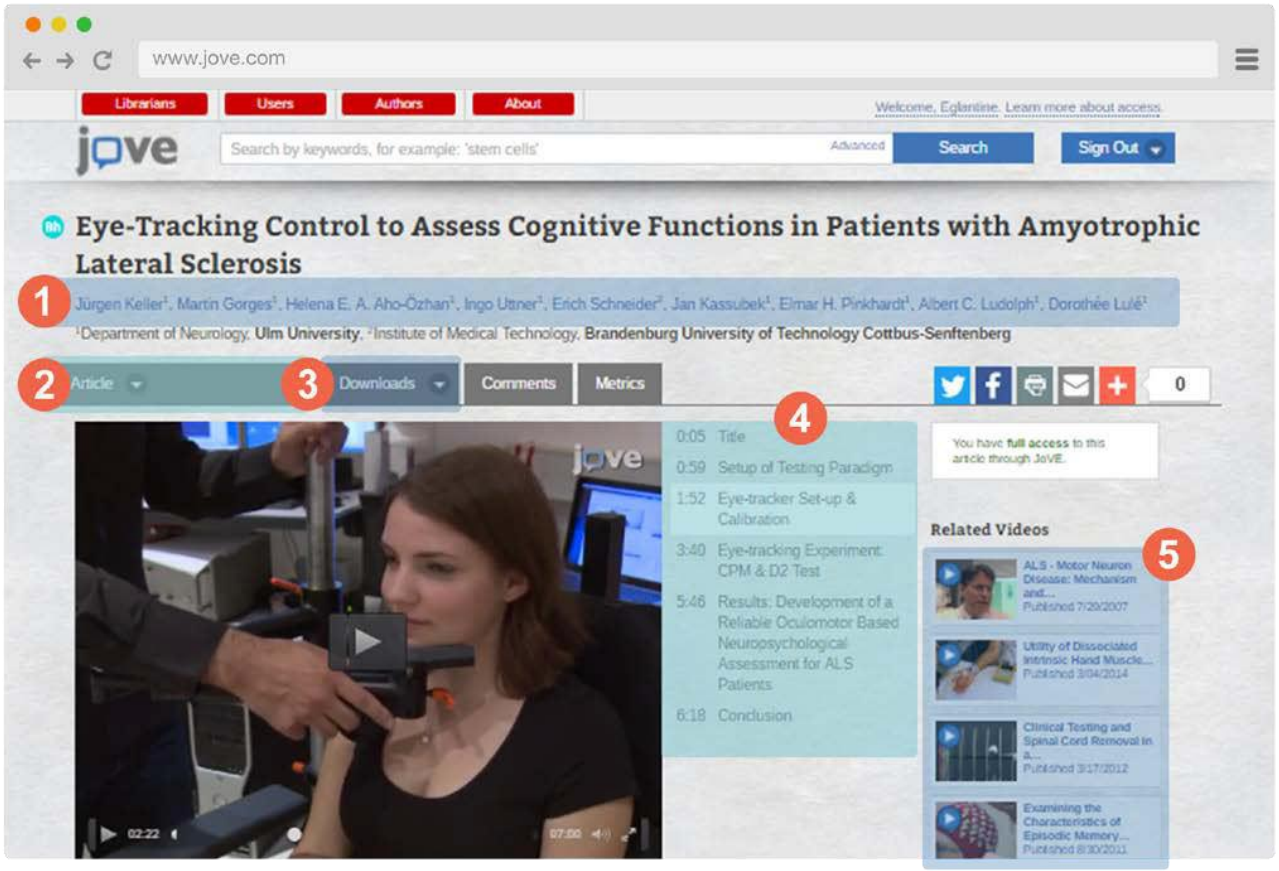


1. Number Of Produced Video
2. Page Buttons (Current And All)
3. Advanced Search Options
4. Search Query
5. Search Results By Order Of Relevance

Filter Search Result:

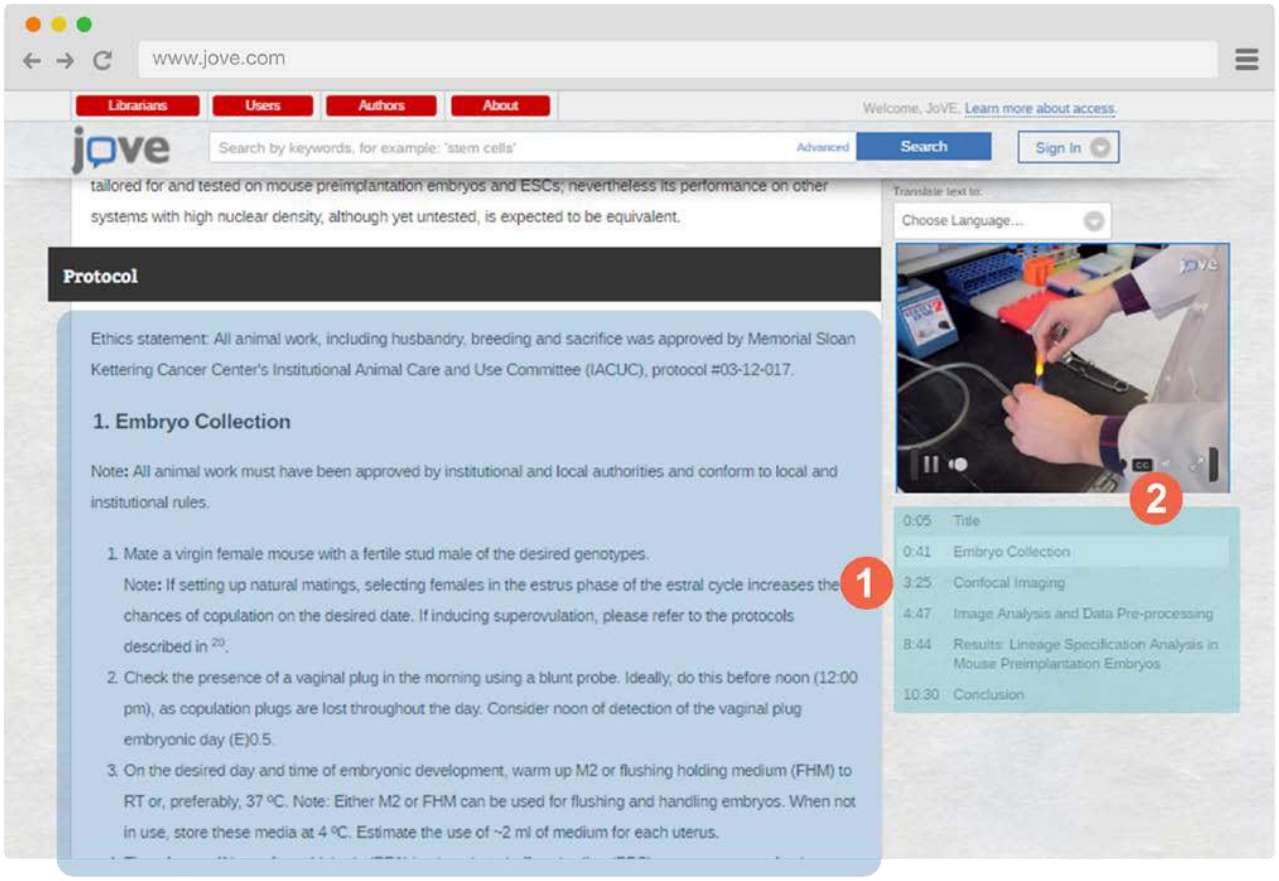
- Filter By Section
- Filter By Publish Date
- Filter By Authors or Institutions
- Search For Videos By Keywords

Journal Article Page (top of article)



1. Clicking On The Name Displays The Author's Publication History
2. Click Here To Jump To Different Sections Of The Article
3. Download The Article Or Materials List As PDF
4. Article Chapter Selection
5. List Of Related Videos

Journal Article Page (scroll down page)



1 **Scroll Down To Read The Full Length Article Text**

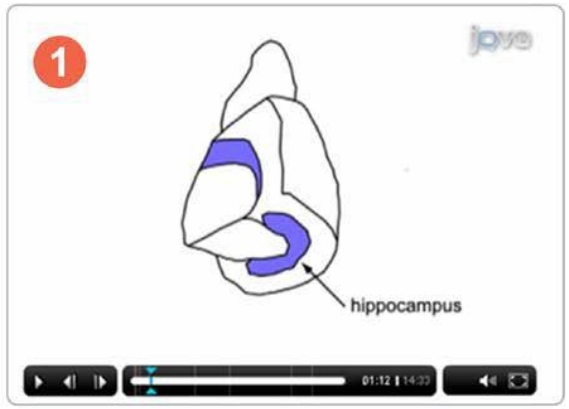
2 **Article Video Sticks To The Right Of The Text For Easy Access**

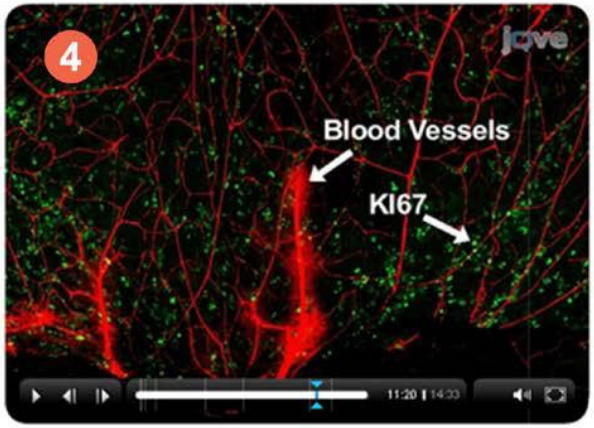
The text article is made up of various sections including:

- Cite this Article
- Abstract
- Introduction
- Protocol
- Results
- Discussion
- Materials List
- References

* You can download a PDF of the text article

Journal Article Structure





1. Abstract
2. Introduction
3. Protocol
4. Results & Discussion

Journal Publication Process

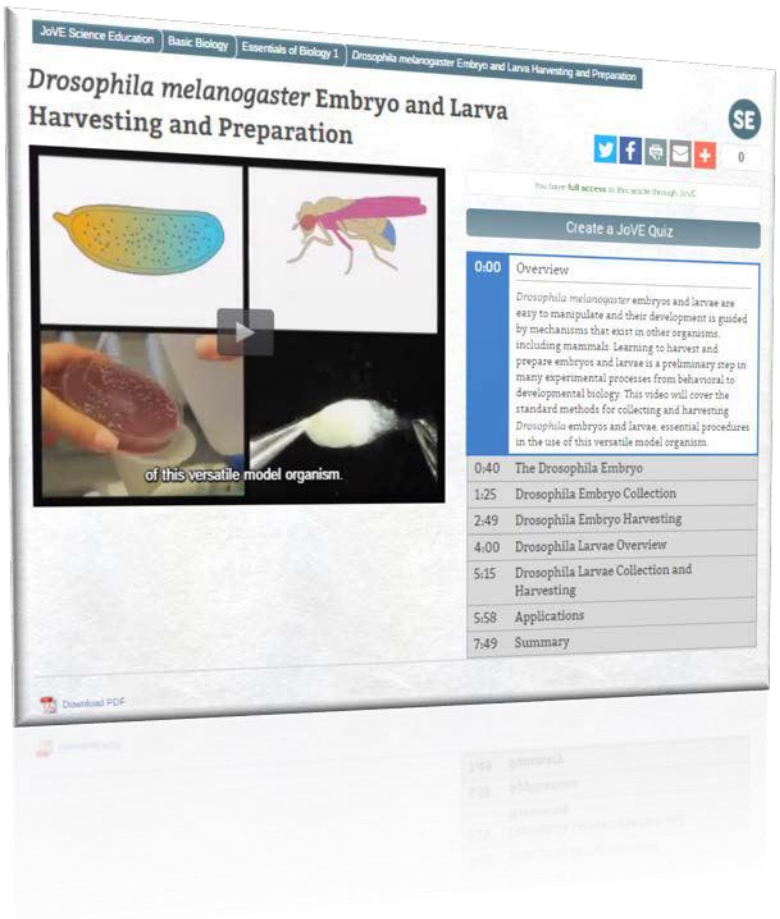
Journal Benefits

- Increase **research productivity** and **reproducibility**
- **Quickly onboard** new lab trainees
- **Save money and resources** for labs
- Learn **gold-standard and newest methods**

"Methods are complex and can only partially be described in words. Seeing the method performed immediately provides a wealth of information to the viewer. This information conveys a realistic idea of how the method is done, what is needed to do it, and helps the viewer analyze how they should proceed."

Dr. Michele Calos,
Stanford University

Science Education (SE)



- Laboratory Fundamentals
- Simple, Easy to Understand Video Demonstrations
- Engaging Animations
- 300 professionally produced core videos with over 40 hours of tutorial content
- Video content maps directly to classes
- Flipped Classroom Tool
- JoVE Quiz Testing Tool

SE Volumes & Collections

SE Basic Biology

General Laboratory Techniques
Basic Methods in Cellular and Molecular Biology
Essentials of Biology 1: yeast, *Drosophila* and *C. elegans*
Essentials of Biology 2: Mouse, Zebrafish, and Chick

SE Advanced Biology

Essentials of Neuroscience
Essentials of Developmental Biology
Essentials of Genetics
Essentials of Cell Biology

SE Clinical Skills

Essentials of Physical Examinations I
Essentials of Physical Examinations II

SE Psychology

Essentials of Behavioral Science
Essentials of Experimental Psychology
Essentials of Cognitive Psychology
Essentials of Developmental Psychology

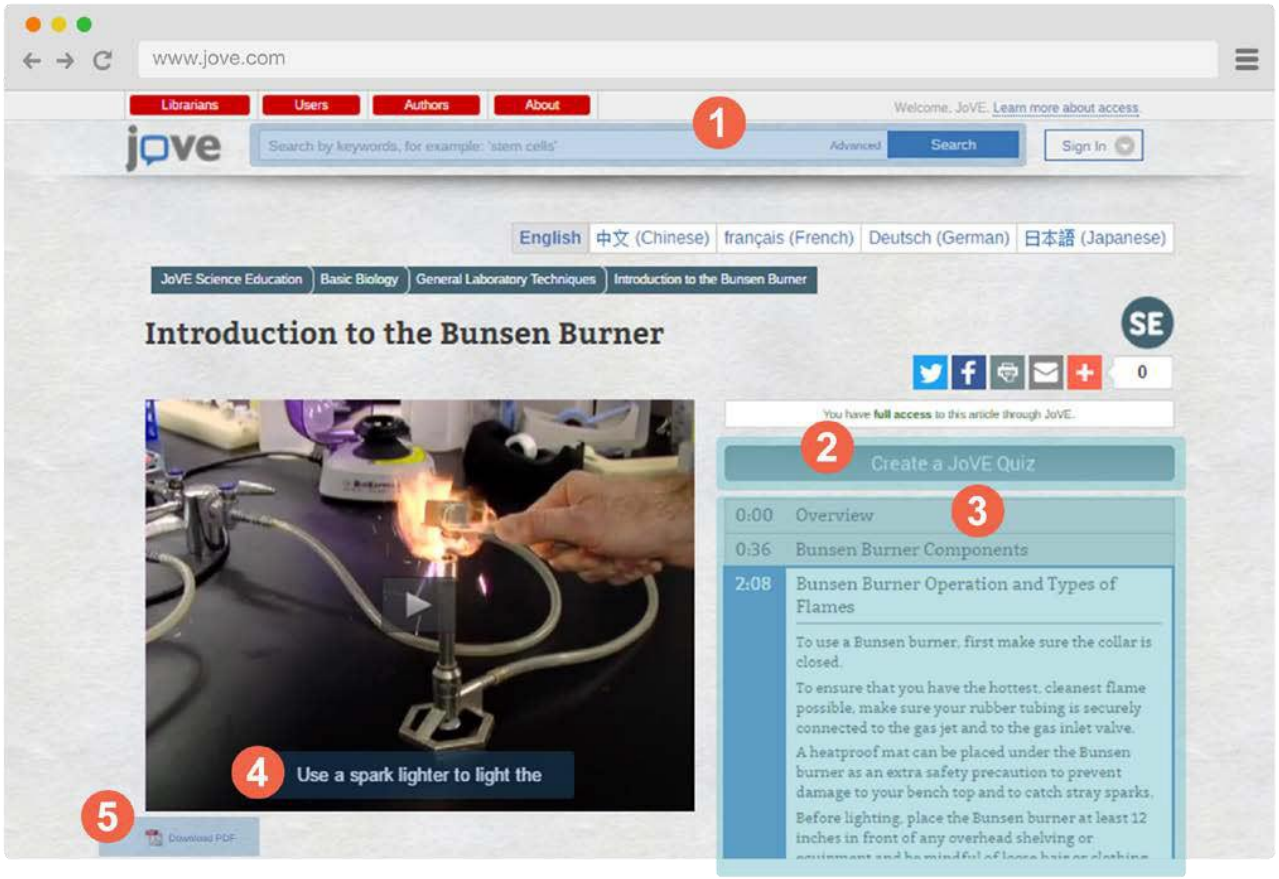
SE Environmental Sciences

Essentials of Environmental Science
Essentials of Environmental Microbiology
Essentials of Earth Science

SE Chemistry

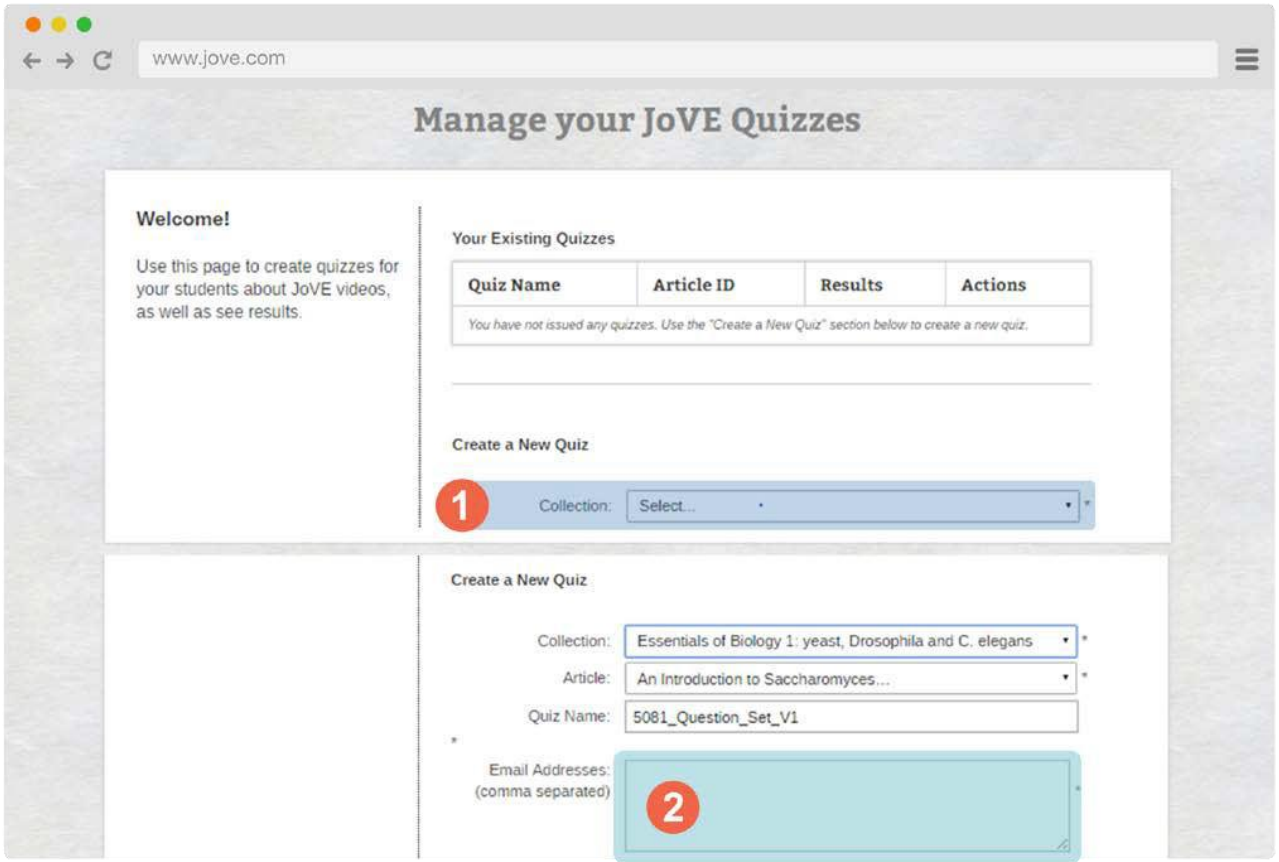
Essentials of General Chemistry
Essentials of Organic Chemistry
Essentials of Analytical Chemistry

SE Video Demonstration Page



1. Search Bar
2. JoVE Quiz
3. Timeline And Overview
4. Closed Captioning
5. Printable PDF Transcript

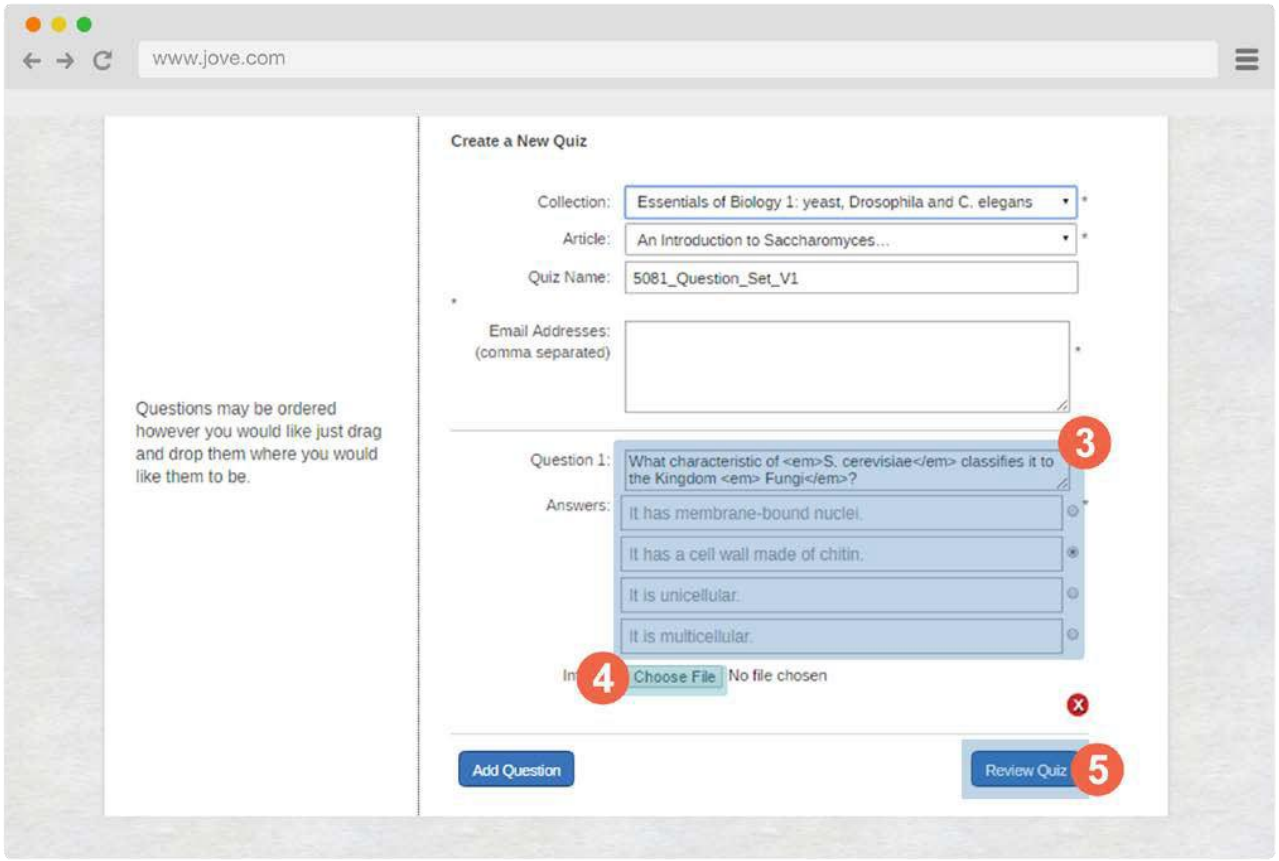
SE Quiz Creation (step 1)



1. Select the collection you wish to create a quiz for and then select the article title.

2. Enter the email addresses or listserv address of the quiz taker(s).

SE Quiz Creation (Step 2)



3 These are preset questions written by our in-house scientists who have put together the collections. You can add, edit, or remove these questions here. Select the correct answer if you are customizing the quiz.

4 You may also include an image for reference by clicking "Choose File" and selecting your image.

5 Confirm and preview your quiz before sending it out to the recipients in (2).

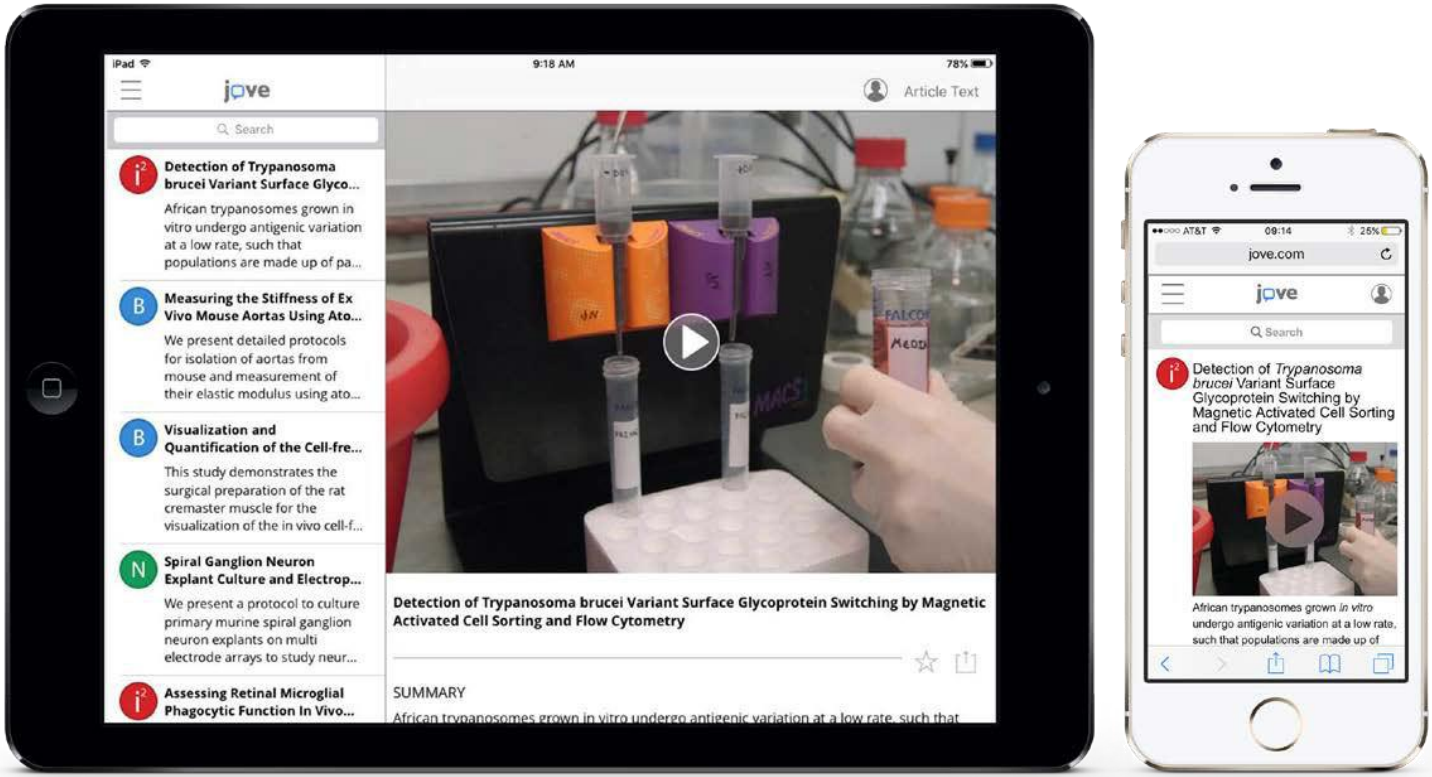
SE Benefits

- **Increased speed of learning** in laboratory and classroom environments
- **Saved time and work for teaching faculty**
- Consistent **growth in student success**, learning outcomes, and **STEM retention**
- Support both undergraduate and graduate instruction

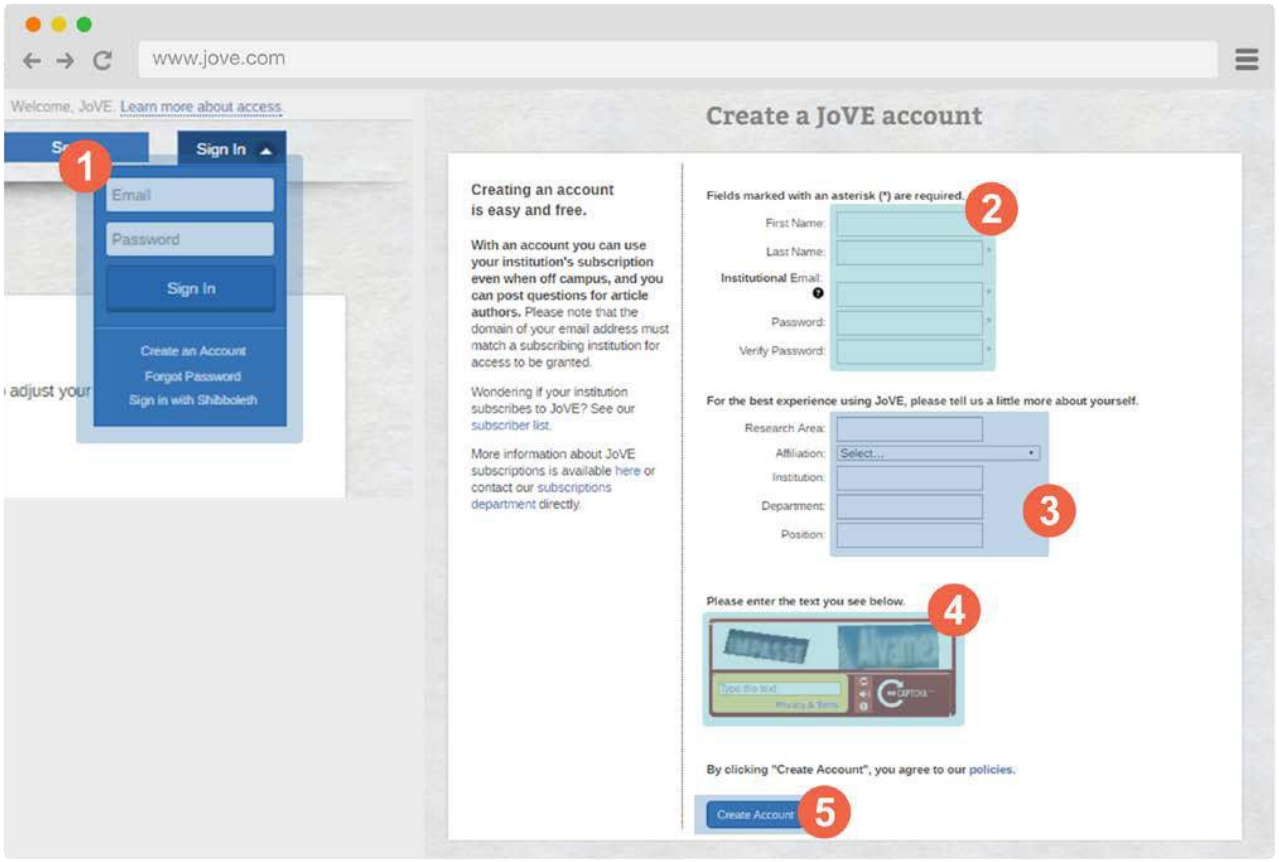
"Initially it took multiple tries, whereas now when we teach this technique with the JoVE video we have a success rate between 90 to 100 percent."

Dr. Carrie Northcott
Michigan State University

JoVE Access Anywhere

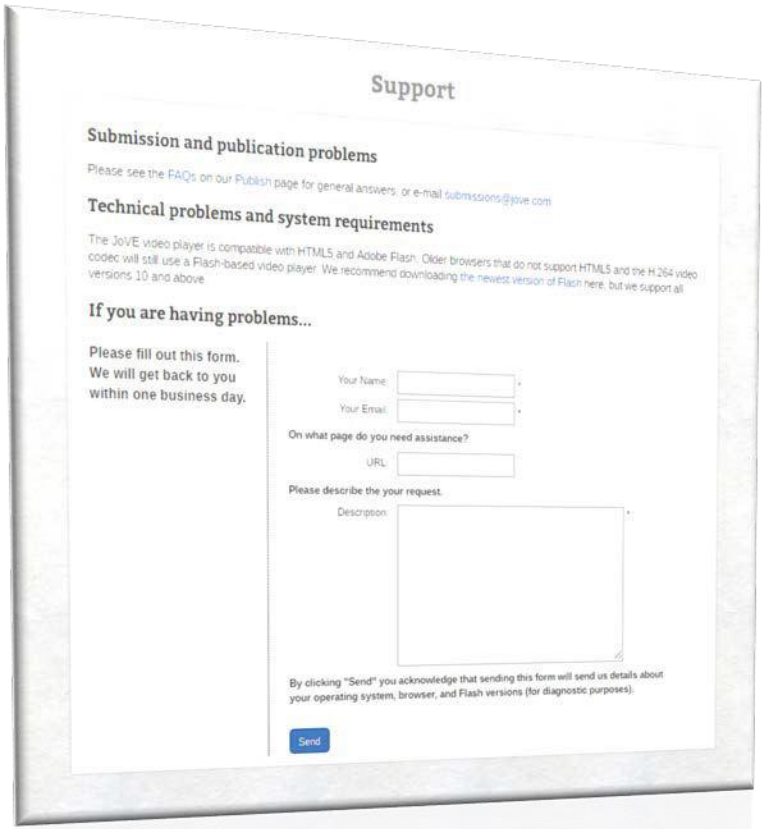


JoVE Account Creation (Off-Campus Access)



1. Sign in with your institutional email OR create an account.
2. Fill out mandatory fields.
3. Optional fields that maximize your JoVE experience.
4. Enter the CAPTCHA
5. Click "Create Account" and you're done!

Contact JoVE



Technical Questions:

Contact Support via our website at www.jove.com/about/contact

Subscription Questions:

Contact Marco Stella

marco.stella@jove.com

Publication Questions:

Contact our Editorial team at

submissions@jove.com