# jove

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**

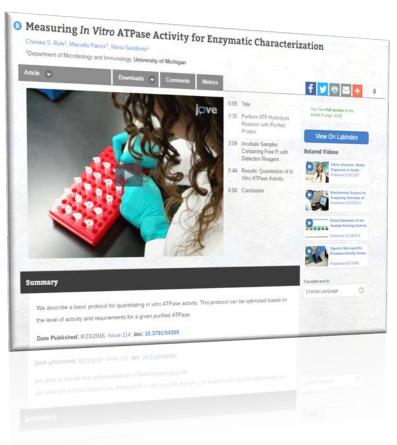
The first scientific video journal dedicated to help scientists advance their research by increasing productivity, efficiency, and reproducibility.

#### **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



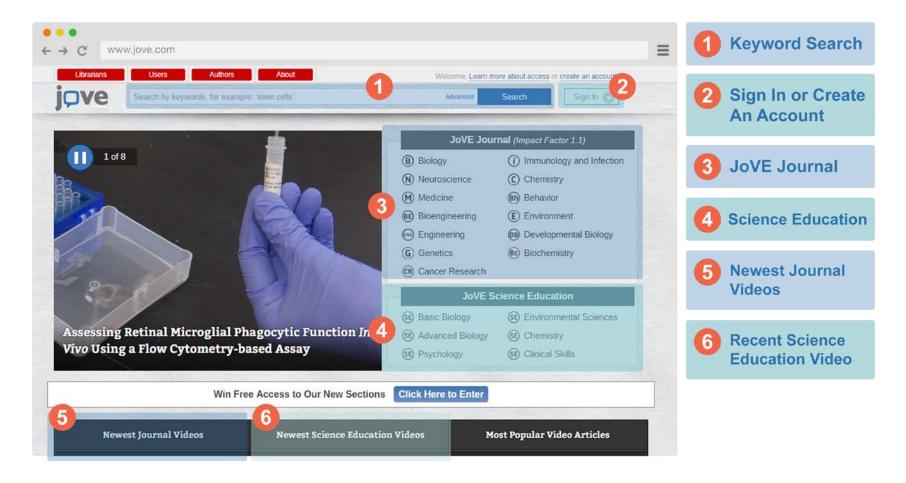
## **Journal Sections**

- B Biology
- Immunology & Infection
- Chemistry
- Developmental Biology
- Bh Behavior
- Bc Biochemistry
- CR Cancer Research

- М
  - Medicine
- Neuroscience
- Bioengineering
- ENG Engineering
- Environment
- Genetics

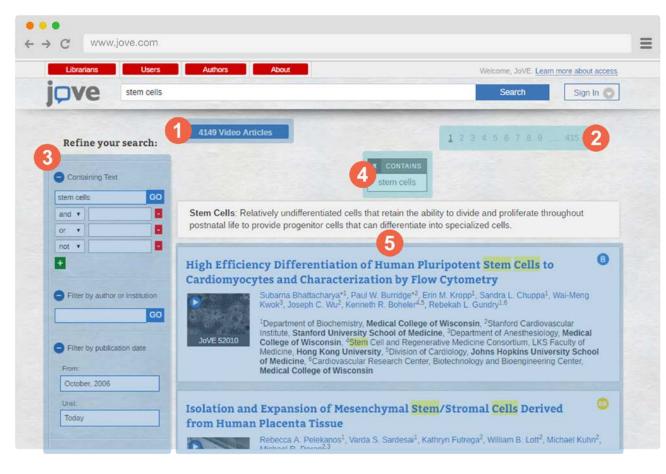


# JoVE Home Page & Navigation





### Journal Search & Results



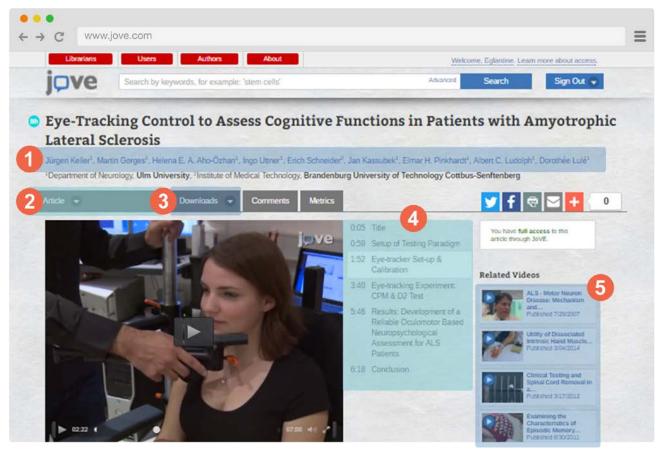
- Number Of Produced Video
- Page Buttons (Current And All)
- 3 Advanced Search Options
- 4 Search Query
- 5 Search Results By Order Of Relevance

#### Filter Search Result:

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



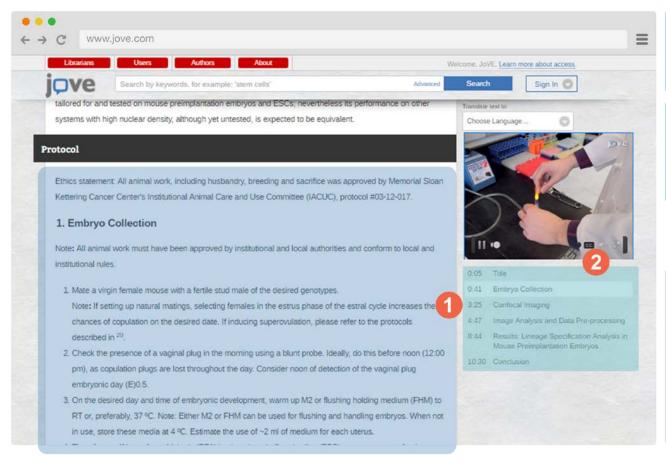
## Journal Article Page (top of article)



- 1 Clicking On The Name Displays The Author's Publication History
- 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)



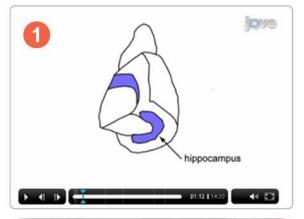
- 1 Scroll Down To Read The Full Length Article Text
- 2 Article Video Sticks To The Right Of The Text For Easy Access

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

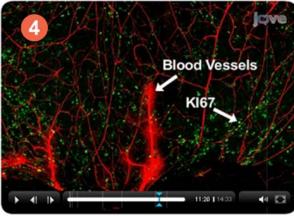






Results & Discussion







## 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."





# 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

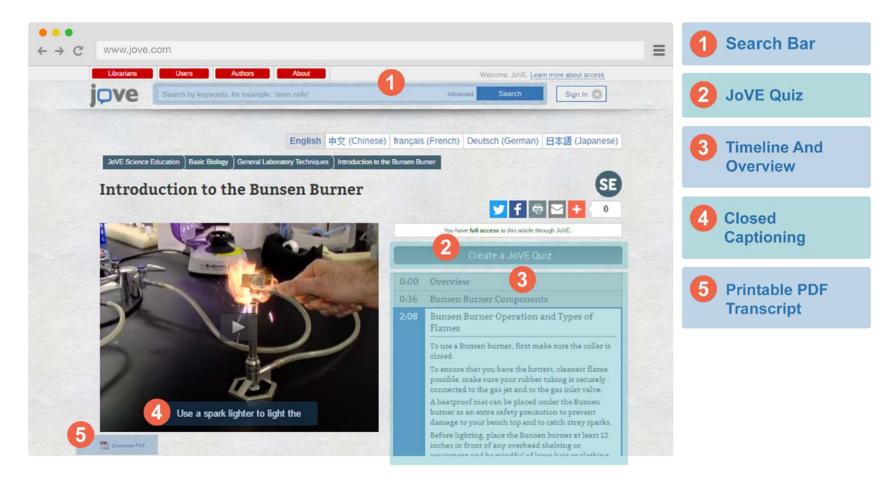
Essentials of Environmental Science Essentials of Environmental Microbiology Essentials of Earth Science

#### **SE** Chemistry

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

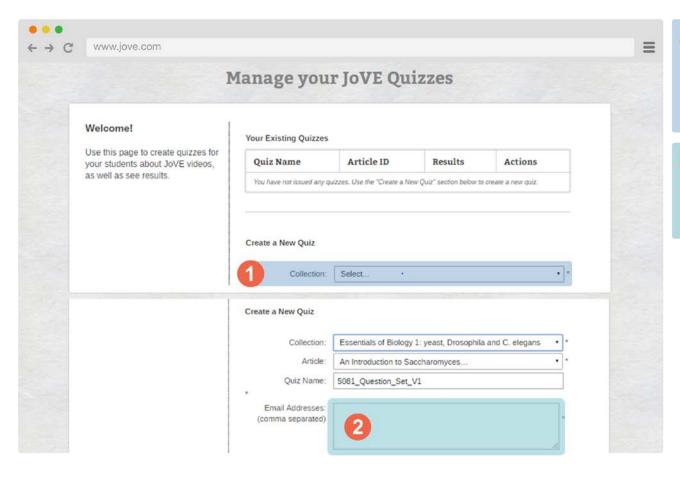


# SE Video Demonstration Page





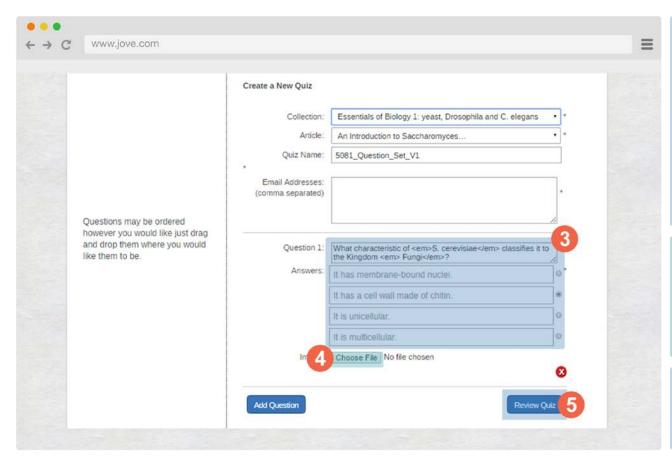
# SE Quiz Creation (step 1)



- 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)



- 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

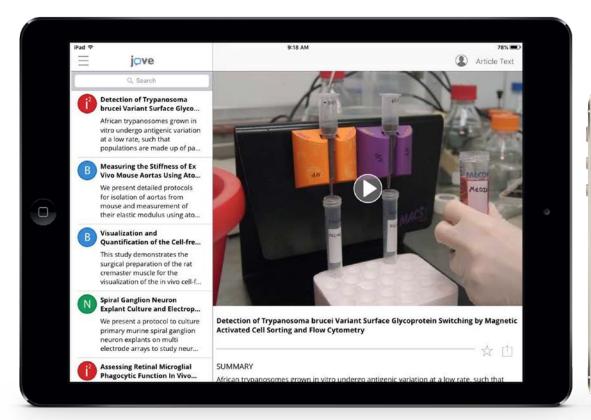
- Increased speed of learning in laboratory and classroom environments
- Saved time and work for teaching faculty
- Consistent growth in student success, learning outcomes, and STEM retention
- Support both undergraduate and graduate instruction

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



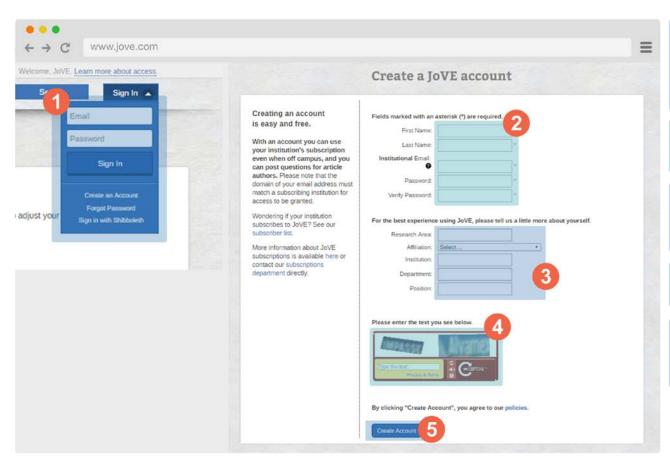
# JoVE Access Anywhere







## JoVE Account Creation (Off-Campus Access)



- Sign in with your institutional email OR create an account.
- 2 Fill out mandatory fields.
- 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 Library Relations** 

Email: <u>subscriptions@jove.com</u>

Tel: +1.617.401.7717

#### **Publication Questions:**

Contact our Editorial team at <a href="mailto:submissions@jove.com">submissions@jove.com</a>