

Accessibility Conformance Report

International Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: jove.com

Report Date: October 25th, 2019

Evaluation Methods Used: This report is generated based on tests conducted via a pair testing methodology involving two testers, one of whom was non-sighted and the other sighted. The tools used while testing are: Freedom Scientific’s JAWS 2019, Dragon and Paciello Group’s Color Contrast Analyzer.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe , - V2.1.2 (2018-08)	(No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially Supports</p>	<p>Most of the images are provided with proper alt text and visually impaired user are able to perceive the information of image by reading the alt text. However, there are few instances where alt text for images are not provided or inappropriate.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Chemistry> Coordination chemistry complexes> An incorrect alternative text is given for the video thumbnail graphic 2. Home> About Jove> Blog> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use>Video> PDF> An insufficient/incorrect alternative text is given for the graphic present on the each page. 3. Home> About Jove> Blog> Outdoor Research Problems? Get JoVE Creative!> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use> Protocol> No alternative text is given for the "Individual components of the heating unit" graphic.
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p>	<p>There is no audio only and video only content present in the application.</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially Supports</p>	<p>Captions are provided for most of the videos. However, there is a video available in Biopharma application for which captions are not provided.</p>
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p>	<p>Partially Supports</p>	<p>There are number of videos available in the application and few videos are provided with text Transcript, which is descriptive</p>

Criteria	Conformance Level	Remarks and Explanations
<p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 		<p>enough to understand the context of the available video content. However, the rest of the videos are not provided with any text alternative.</p>
<p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially Supports</p>	<p>Screen reader properly identifies most of the information available in the application. Screen reader users are easily able to perceive the relationships between a particular element and its role. However, there are exceptions where visually impaired users have difficulties in understanding the information and its corresponding relationship:</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home > An incorrect heading hierarchy is given on home page. 2. Home> Screen reader incorrectly reads the abbreviation "ICS" in "Site By ICS" link. 3. Home> About Jove > Careers at Jove> See our Job Opening > Editorial> Screen reader reads Science Editor- Engineering/Physics CAMBRIDGE,MA and LEARN MORE link in one go. 4. About Jove> Blog> PDF> Outdoor Research Problems? Get JoVE Creative!> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use>Video> PDF> Column header association is not given for the table present on page number 10,16. 5. Home> Corporate> Video> Screen reader reads hidden values before the video timer.
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially Supports</p>	<p>Sequence of the content presented in the application is meaningful. The screen reader reads the content in a correct reading order & users are able to understand & relate its context. However there is an instance where incorrect reading order is observed on the "Outdoor Research Problems? Get JoVE Creative!" page.</p>
<p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	<p>Not Applicable</p>	<p>There is no such information available in the application in the form of shape, size, and visual locations.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Throughout the application, there is no such instances where information is appearing in the form of color alone. However, in the 'Request a Trial' form error in the field is displayed via color alone.
<p>1.4.2 Audio Control (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	There are no such audios available in the application, which plays automatically as soon as the page is launched.
<p>2.1.1 Keyboard (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially supports	<p>Most of the interactive elements are operable using a keyboard. Screen reader & keyboard users are able to interact with different elements to perform various workflows using a keyboard. However, there are few exceptions, where some elements are not operable using a keyboard alone.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> Home > Biopharma > Keyboard focus does not move to "Solution" and "Testimonials" button link. Home > Keyboard focus does not move to button links under "We change the way science is done" heading. Global > Home > Keyboard focus does not move to "MOST RECENT" link. Home > Video Journal > Behavior > Keyboard focus does not move to "Search behavior edit field". Global > Home > About Jove > Keyboard focus does not visible at "Journal" link. Home> Corporate> Full screen button doesn't get triggered after selecting space bar as per the given instruction.
<p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to: Revised Section 508</p>	Supports	Keyboard focus is moving sequentially and it is convenient to access the functionality. Keyboard focus is not being trapped anywhere in the application.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p><u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Not Applicable	Application pages have no shortcuts that can be activated using a single character key.
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	There is no such activity present in the application where page time needs to be adjusted.
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	There is no such automatically moving content available in the application which needs to be paused or stop.
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	There are no such elements present in the application, which flashes more than 3 times per second.
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Does not Support	‘Skip to main Content’ link is available in the application which is not functional as by hitting enter key user will not redirect to the main region. Also, landmarks and Regions are not properly defined on different pages to facilitate visually impaired users.

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Most of the pages in the application have descriptive page title, which conveys the purpose of page. However there are few exceptions where page title is not appropriate.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home Page> An incorrect page title is given for “jove.com”. 2. Profile> Screen reader does not read the updated page title for "Home, View Watch History, Favorite Articles, Citations Listing".
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Although the focus is moving in a correct sequence for most of the instances. Yet, it has been observed that while interacting with some interactive elements, the focus does not directly shifts to the updated content.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Start Trial> Modal Window> Focus does not automatically move to the updated modal window after selecting Start Trial button. 2. Home> About Jove > News and Press> Jump to the Press Release> Screen reader focus does not move to the desired location after selecting "Jump to the Press Release". 3. Home> About Jove> Contact> Screen reader focus remains on the SUBSCRIPTIONS tab after selecting "SUBSCRIPTIONS". 4. Screen reader focus does not move to the desired location after selecting "Abstract" same page link. 5. Home > Keyboard focus moves in incorrect sequence 1. Move to "Search Edit field 2. Then "Skip to main content" 3. JOVE logo.
<p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Most of the links present in the application are provided with sufficient link text, which clears the purpose of link. However, there are instances where link text is incorrect or not given.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Search> Chemistry> 2278 Video Articles> Pagination link> An insufficient link text is given for pagination links like 1,2,3, etc 2. Home> Search> Chemistry> 2278 Video Articles> Link text is missing for Next link.

Criteria	Conformance Level	Remarks and Explanations
		3. Home> About Jove > Careers at Jove> See our Job Opening > Editorial> Screen reader reads an incorrect link text for "Learn More" link as "view/P_AAAAAAHAAFiD30tpFrKRO3 visited- Link- ".
<p>2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Not Evaluated	Application was not evaluated on mobile devices.
<p>2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Supports	Application controls are activated on an UP event. Even if user accidentally tap on a control, he/she can move away from its target area & lift up his pointer to abort its action.
<p>2.5.3 Label in Name (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Partially Supports	<p>Application provides support with speech recognition software. However, some of Major features of the application are not accessible using dragon tool.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Search edit field> Dragon user is not able to select search edit field by calling its label. 2. Home> Start a Trial> Dragon user is unable to select "Select a Role" combo box. 3. Home> Dragon user is not able to activate the "Browse by" expand/collapse button by using speech based commands. 4. Dragon user is not able to activate the "Email address edit field" by calling out its visual label text. 5. Home> Dragon user is not able to activate any options from the list of "Interest field" using speech based commands. 6. Video controls are not accessible to dragon users.
<p>2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply</p>	Not Evaluated	Application was not evaluated on mobile devices.
<p>3.1.1 Language of Page (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Does not Support	Document language is not specified in each page of application.

Criteria	Conformance Level	Remarks and Explanations
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	No interactive element is being triggered automatically on receiving the focus.
<p>3.2.2 On Input (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Change of context does not happen when user changes the setting of controls.
<p>3.3.1 Error Identification (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	Error messages are properly recognized by assistive technologies and these errors are sufficient to understand and resolve the problems. However, in the 'Request a Trial' form error in the field is displayed via color alone and there is no text alternative provided for the same error.
<p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Application provides support for motor impaired and cognitive users as the labels and instructions are provided for form fields, which are clearly visible and readable to such users. However, there are few instances where label is not provided for web form field.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Label is missing for all the edit fields present under "Contains Chemistry" combo box. 2. Screen reader does not read the label of "First name edit field and Last name edit field" using tab key. 3. Remind Me Later> Pop Up> An incorrect label is given for "Close" button. 4. Home> Screen reader does not read the label of "Browse By" combo box using tab key. 5. Video> EMBED> No label is given for the checkbox like "Titles, Author(s), etc".

Criteria	Conformance Level	Remarks and Explanations
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Evaluated</p>	<p>This evaluation requires code level check in order to validate the start and end tags, elements nesting according to their specification, duplicate attribute etc.</p> <p>However, in this audit, we have validated the things at UI/Platform level only and we did not observe any discrepancy wherein Assistive technologies are interpreting the content, which is totally irrelevant with the expected output.</p>
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially Supports</p>	<p>Most of the web elements have a proper label associated with their role and screen reader is recognizing them correctly with updated values as well. However, there are a few instances where screen reader is not reading the label, role and the current state of a particular element.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> About Us> Leadership> Screen reader reads "Moshe Pritsker, Ph.D." as plain text. 2. Home> About Jove> Blog> Librarian Blog> Librarian's Success in Institutions> Screen reader does not read the selected state of sort by options "Popular, Latest" automatically. 3. Home> About Jove> Contact> Screen reader reads same page link like "GENERAL INQUIRIES, SUBSCRIPTIONS, etc" as plain text. 4. Home> About Jove> Jove Blog> Librarian Blog> Screen reader does not read the selected state of "Scientist Blog, Educator Blog" when one from these is in selected state. 4. Home> About Jove> Blog> Outdoor Research Problems? Get JoVE Creative!> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use> No accessible name and role is given for Full Screen/Exit Full Screen icon.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	There are no live \videos available in the application.
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Does not Support	Transcript is not provided for the available videos as a media alternative.
<p>1.3.4 Orientation (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Not Evaluated	Application was not evaluated on mobile devices.
<p>1.3.5 Identify Input Purpose (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Partially Supports	<p>For most of the instances application provides proper labels which are associated with respective input fields that accepts user’s personal information and user is able to identify purpose of such input fields by reading the labels.</p> <p>However, there are no additional programmatically declare hints (such as auto complete hints) provided in the application to understand the input purpose more efficiently.</p>
<p>1.4.3 Contrast (Minimum) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Color scheme is appropriate and color contrast ratio of most of interactive elements is equal to or greater than standard ratio 4.5:1. However, there are few exceptions where the contrast ratio is less than the standard ratio:</p> <p>Exceptions:</p>

Criteria	Conformance Level	Remarks and Explanations
		<ol style="list-style-type: none"> 1. Home> Color contrast ratio fails for the text "BROWSE 10,971 VIDEO ARTICLES". 2. Home> Color contrast ratio fails for the Start Trial button text 'Start Trial' having green foreground and grey background. 3. Home> Color contrast ratio fails for the Login In button text 'Log In' having white foreground and green background. 4. Global > Color contrast ratio for "Policies" link text having foreground color "blue" and having background color "light blue" is less than 4.5:1 5. Biopharma > Solutions > Resource Manager >Color contrast ratio for text "Annual Subscription" having foreground color "white" and background color "sky blue" is less than 4.5:1
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Application is operable and readable when application pages, resize up to 200%. However, there is an instance where text is truncating in 200% magnification level.</p> <p>Exception:</p> <ol style="list-style-type: none"> 1. Home > Place holder text of "Search edit box" overlapping with "Advanced" drop down link at 200%.
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	<p>There is no such information available in the application, where image of text is not read by assistive technologies.</p>
<p>1.4.10 Reflow (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Partially Supports	<p>Application is easy to navigate at 400% magnification level. User does not need to scroll in both horizontal as well as vertical directions at this magnification level. However, there is an instance where Tabs links are not appearing "CAREER AT JoVE" , "CULTURE" , "NEWS & PRESS" , "JoVE BLOG" , "CONTACT" at 400%.</p>
<p>1.4.11 Non-text Contrast (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Supports	<p>Application provides sufficient contrast for different user interface components. Non-Text UI elements such as buttons, form fields etc. have a contrast ratio of 3:1 to its adjacent colors.</p>
<p>1.4.12 Text Spacing (Level AA 2.1 only)</p> <p>Also applies to:</p>	Partially Supports	<p>Application provides support for people with low vision and cognitive disabilities as it allows users to view the application content in their</p>

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		desired text (Letter, word, line and paragraph) spacing. However there is an instance where "Cardiovascular" gets truncated after applying Text Spacing. We have validated this criteria using 'Steve faulkner text spacing bookmarklet' plugin and observed a few instances where this criterion got violated:
1.4.13 Content on Hover or Focus (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Does not Support	Header elements (Publish, Video Journal, and Science Education) consist of sub links which appear on mousehover. The same information is not accessible to visually impaired and keyboard users as keyboard event is not implemented on header elements.
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	The entire application consists of several pages, which can be accessed through main navigation header as well as from footer section.
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Heading and Labels provided for web elements are clear enough to understand the purpose, by which user can identify specific components within the content.
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	Throughout the application tab focus is not visible on different interactive elements. However, we have noticed that tab focus is visible on some buttons and links available in between the content.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Not Applicable	The application has content in English language only. There is no passage or phrase available in the content where the language of part needs to be defined.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Repeated components are occurring in the same order on every page of the application, which helps user to predict the location of different web elements on each page.
<p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Any global functions in the application leverage the same user experience and features, and are identified the same way regardless of context.
<p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Errors are descriptive enough to understand the problems and user is able to avoid and correct the respective problem by reading errors.
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	This success criterion is related to legal commitment, financial data, etc. Which involves serious risk, if no option is provided for user to review or revert the data before submission. However, website does not have any such form, it contains contact us form, where no such risk is associated.
<p>4.1.3 Status Messages (Level AA 2.1 only)</p> <p>Also applies to: Revised Section 508 – Does not apply</p>	Not Applicable	The important changes in the application are notified to screen reader users. However, there are a few instances where status of changes is not announced by screen reader. Exceptions:

Criteria	Conformance Level	Remarks and Explanations
		<ol style="list-style-type: none"> 1. Home> Search> Chemistry> REFINE YOUR SEARCH> Screen reader does not automatically notify about the changes after selecting "+", "-" icon. 2. Home> About Jove> Blog> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use> Embed> Screen reader does not read the alert message as "Embed Code Copied" after selecting 'Copy Embed Code'

Revised Section 508 Report

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>The application provides partially support for screen reader users and using JAWS screen reader, user can easily operate the application by all means. However, there are instances where a screen reader user will have difficulties in understanding the information.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Chemistry> Coordination chemistry complexes> An incorrect alternative text is given for the video thumbnail graphic 2. Home> About Jove> Blog> Construction of a Low-cost Mobile Incubator for Field and Laboratory Use>Video> PDF> An insufficient/incorrect alternative text is given for the graphic present on the each page. 3. Home > An incorrect heading hierarchy is given on home page. 4. Home> Screen reader incorrectly reads the abbreviation "ICS" in "Site By ICS" link.

Criteria	Conformance Level	Remarks and Explanations
		<p>5. Home> About Jove > Careers at Jove> See our Job Opening > Editorial> Screen reader reads Science Editor- Engineering/Physics CAMBRIDGE,MA and LEARN MORE link in one go.</p> <p>6. Home> Start Trial> Modal Window> Focus does not automatically move to the updated modal window after selecting Start Trial button.</p> <p>7. Home> About Jove > News and Press> Jump to the Press Release> Screen reader focus does not move to the desired location after selecting "Jump to the Press Release".</p>
302.2 With Limited Vision	Partially Supports	<p>Most of the content of application is easily readable when application pages resize up to 200%. Also, color scheme is appropriate and color contrast ratio of most of the interactive elements is equal to or greater than standard ratio 4.5:1.</p> <p>However, there are a few exceptions where users with limited vision would find difficult to interact with the application.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home> Color contrast ratio fails for the text "BROWSE 10,971 VIDEO ARTICLES". 2. Home> Color contrast ratio fails for the Start Trial button text 'Start Trial' having green foreground and grey background. 3. Home> Color contrast ratio fails for the Login In button text 'Log In' having white foreground and green background. 4. Home > Place holder text of "Search edit box" overlapping with "Advanced" drop down link at 200%. 5. Tabs links are not appearing "CAREER AT JoVE" ,"CULTURE" ,"NEWS & PRESS", "JoVE BLOG", "CONTACT" at 400%.
302.3 Without Perception of Color	Partially Supports	<p>Throughout the application, there is no such instances where information is appearing in the form of color alone. However, in the 'Request a Trial' form error in the field is displayed via color alone.</p>
302.4 Without Hearing	Partially Supports	<p>Captions and transcripts are provided for most of the videos. However, there are instances of videos which are not provided with captions and transcripts.</p>

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing	Partially Supports	Captions and transcripts are provided for most of the videos. However, there are instances of videos which are not provided with captions and transcripts.
302.6 Without Speech	Not Applicable	Speech is not required to complete any task.
302.7 With Limited Manipulation	Not Applicable	There are no such complicated keyboard actions required in the application to perform any task, which requires simultaneous actions or fine motor control.
302.8 With Limited Reach and Strength	Partially Supports	<p>Most of the interactive elements and functionalities are accessible using the keyboard. However, there are few instances where motor impaired users and screen reader users are not able to perform actions through the keyboard.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Home > Biopharma > Keyboard focus does not move to "Solution" and "Testimonials" button link. 2. Home > Keyboard focus does not move to button links under "We change the way science is done" heading. 3. Global > Home > Keyboard focus does not move to "MOST RECENT" link. 4. Home > Video Journal > Behavior > Keyboard focus does not move to "Search behavior edit field". 5. Global > Home > About Jove > Keyboard focus does not visible at "Journal" link. 6. Home> Corporate> Full screen button doesn't get triggered after selecting space bar as per the given instruction.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	<p>Features in the website has a good support for user with cognitive disabilities for following reasons:</p> <ol style="list-style-type: none"> 1. Website does not have any multimedia, which plays automatically and confuses the user. 2. Website does not have any flashing object, which causes seizure.

Chapter 6: [Support Documentation and Services](#)

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does Not Supports	There is no 'Accessibility' section available in the website, which describes compatibility and accessibility features of the website and its supports with different assistive technologies.
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Since, the application provides information through the digital medium and it allows user to access the 'Support Services' feature for further help regarding the digital content and documentation. There is no such requirement of alternate formats for non-electronic support documentation as support services are available electronically.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Partially Supports	There is contact Jove section available in the application to reach out the customer support regarding any assistance. However, no information is available in the application to know about the Accessibility Features of application.
603.3 Accommodation of Communication Needs	Supports	There is contact Jove section available in the application to reach out the customer support regarding any assistance.