

Wiley Accessibility Conformance Report

VPAT® Version 2.4

Name of product/version:	Wiley Online Library
Product description:	Website
Report date:	13 April 2022
Contact information	Please contact your Wiley Sales representative
Notes	
Evaluation methods used:	<p>This conformance report is based on the results of an accessibility audit conducted by TPG Interactive on a representative sample of pages/components across selected user journeys, for the purpose of assessing conformance to the Web Content Accessibility Guidelines (WCAG) 2.1.</p> <p>The W3C Website Accessibility Conformance Evaluation Methodology (WCAG-EM) was followed for conducting the accessibility audit. The testing included manual accessibility testing, automated accessibility tools, and testing with assistive technology across multiple platforms and browsers.</p> <p>The following applications were used as part of the audit to identify potential accessibility issues:</p> <p>Desktop browsers: Chrome, Safari and Firefox</p> <p>Assistive technologies: JAWS, NVDA and VoiceOver</p> <p>Accessibility testing tools: ARC Toolkit, Colour Contrast Analyser, and code inspection tools, such as Chrome and Firefox Developer Tools</p>
Applicable standards/guidelines	<p>This report covers the degree of conformance for the following accessibility standards/guidelines:</p> <ul style="list-style-type: none">• Web Content Accessibility Guidelines 2.1

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 Level AAA criteria.

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WCAG 2.1 Report

Table 1: Web Content Accessibility Guidelines (WCAG) 2.1, Level A

Criteria	Conformance level	Remarks and explanations
1.1.1 Non-text Content (Level A)	Partially supports	<p>Non-text content that is presented to the user has a text alternative that serves the equivalent purpose, with some exceptions. These include:</p> <ul style="list-style-type: none"> • Diagrams and complex images do not contain text alternatives. • Decorative images are exposed to assistive technologies.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	All audio-only and video-only content provide an alternative.
1.2.2 Captions (Prerecorded) (Level A)	Not applicable	The website does not contain synchronized media with prerecorded audio content.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not applicable	The website does not contain any synchronized media which would require an alternative for time-based media or audio description.
1.3.1 Info and Relationships (Level A)	Partially supports	<p>Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text, with some exceptions. These include:</p> <ul style="list-style-type: none"> • Text that is visually styled as a heading is not implemented using heading elements.

Criteria	Conformance level	Remarks and explanations
		<ul style="list-style-type: none"> Form elements that are not associated with accessible names.
1.3.2 Meaningful Sequence (Level A)	Partially supports	<p>The correct reading sequence for the majority of content on the website can be programmatically determined, with some exceptions. These include:</p> <ul style="list-style-type: none"> Tooltip content does not appear directly after the element that triggers it to open in the DOM. PDF content converted to HTML elements does not maintain proper reading order.
1.3.3 Sensory Characteristics (Level A)	Supports	<p>Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components.</p>
1.4.1 Use of Color (Level A)	Supports	<p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p>
1.4.2 Audio Control (Level A)	Not applicable	<p>The website does not contain any audio which plays automatically for more than 3 seconds.</p>
2.1.1 Keyboard (Level A)	Partially supports	<p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, with one exception:</p> <ul style="list-style-type: none"> In the side panel of the PDF Viewer, the Check for updates button is not

Criteria	Conformance level	Remarks and explanations
		operable with keyboard only navigation.
2.1.2 No Keyboard Trap (Level A)	Supports	For every component that receives keyboard focus, focus can be moved away from that component using only a keyboard interface.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Partially Supports	The website does not provide keyboard shortcuts for the majority of content, with one exception: <ul style="list-style-type: none"> The main navigation of the PDF Viewer has controls that are associated with keyboard shortcuts and settings are not available to modify them or turn them off.
2.2.1 Timing Adjustable (Level A)	Not applicable	The website does not feature any time limits.
2.2.2 Pause, Stop, Hide (Level A)	Not applicable	The website does not contain any moving, blinking, scrolling or auto-updating content (presented in parallel with other content).
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The website does not contain anything that flashes more than three times in any one second period.
2.4.1 Bypass Blocks (Level A)	Supports	A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.
2.4.2 Page Titled (Level A)	Supports	Pages in the website have titles that describe their topic or purpose.

Criteria	Conformance level	Remarks and explanations
2.4.3 Focus Order (Level A)	Partially supports	Focusable components receive focus in an order that preserves meaning and operability, with some exceptions. These include: <ul style="list-style-type: none"> • The focus is not managed and set to the check for updates modal dialog from the PDF Viewer side panel. • In the article with the native video player, the modal dialog does not constrain keyboard focus.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not applicable	The website does not use multi-pointer/multi-touch interactions or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	For all content that can be operated using a single point, the down-event of the pointer is not used to execute any part of the function.
2.5.3 Label in Name (Level A 2.1 only)	Partially supports	For most user interface components with labels that include text or images of text, the accessible name of the component contains the text that is presented visually, with some exceptions. These include: <ul style="list-style-type: none"> • The Search Results page has a “Select” dropdown with a visible label that

Criteria	Conformance level	Remarks and explanations
		does not match the accessible name.
2.5.4 Motion Actuation (Level A 2.1 only)	Not applicable	The website does not feature functionality that can be operated by device or user motion.
3.1.1 Language of Page (Level A)	Supports	On the website, the human language of the page is correctly identified.
3.2.1 On Focus (Level A)	Partially supports	Focusable components do not initiate a change of context when they receive focus, with some exceptions. These include: <ul style="list-style-type: none"> In the Main Navigation for the PDF Viewer, focus shifts to the first page upon closing the Select Page menu and then pressing the Tab key.
3.2.2 On Input (Level A)	Partially supports	The majority of the focusable components in the website do not initiate a change of context when they receive focus, with one exception: <ul style="list-style-type: none"> When a filter is activated on the Publication Type – Journal page, the keyboard focus becomes lost
3.3.1 Error Identification (Level A)	Supports	For input errors that are automatically detected, the items that are in error are identified and the errors are described to the user in text.
3.3.2 Labels or Instructions (Level A)	Partially supports	Labels or instructions are provided for the majority of content that requires user input,

Criteria	Conformance level	Remarks and explanations
		<p>with some exceptions. These include:</p> <ul style="list-style-type: none"> • On the Advanced search page and the search results page, visible labels are missing from form controls, including visible indication of required fields. • Placeholder text is used as a visible label on the institutional login page.
<p>4.1.1 Parsing (Level A)</p>	<p>Supports</p>	<p>The markup-based content does not have any parsing issues known to have an accessibility impact.</p>
<p>4.1.2 Name, Role, Value (Level A)</p>	<p>Partially supports</p>	<p>For most user interface components, the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. However, there are some exceptions. These include:</p> <ul style="list-style-type: none"> • There are modal dialogs, tooltips, and disclosures that lack appropriate ARIA roles and attributes. • Selected states of links are not available programmatically to assistive technology users. • Error states of form elements are not programmatically

Criteria	Conformance level	Remarks and explanations
		<p>associated with each field.</p> <ul style="list-style-type: none">• iFrame elements lack a title attribute.

Table 2: Web Content Accessibility Guidelines (WCAG) 2.1, Level AA

Notes:

Criteria	Conformance level	Remarks and explanations
1.2.4 Captions (Live) (Level AA)	Not applicable	The website does not contain synchronized media with live audio content.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not applicable	The website does not contain any synchronized media which would require an audio description.
1.3.4 Orientation (Level AA 2.1 only)	Partially supports	The majority of content and functionality is presented and usable at different orientations, with one exception: <ul style="list-style-type: none"> On the Publication type – Journal page, there is loss of content when viewed in portrait mode.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	The purpose of each input field collecting information about the user can be programmatically determined.
1.4.3 Contrast (Minimum) (Level AA)	Partially supports	The majority of text and images of text have sufficient contrast, with some exceptions. These include: <ul style="list-style-type: none"> In the Main Nav of the PDF Viewer, the text color of the menu items upon hover lack sufficient contrast: Foreground: #00CBE9,

Criteria	Conformance level	Remarks and explanations
		<p>Background: #FFFFF, Contrast Ratio: 2:1</p> <ul style="list-style-type: none"> In the contents of the PDF tested, the 'photocatalyst' text lacks sufficient contrast: <p>Foreground: #FFFFF, Background:#00A990 Contrast ratio: 2.6:1</p>
1.4.4 Resize text (Level AA)	Partially supports	<p>The majority of pages on the website allow text to be resized / zoomed up to 200% without loss of content or functionality, with some exceptions. These include:</p> <ul style="list-style-type: none"> Across multiple pages, including Publication type: journal, article abstract, and article content, when viewing the page at 200% zoom content is cut off and not available to users.
1.4.5 Images of Text (Level AA)	Supports	Text is used to convey information rather than images of text.
1.4.10 Reflow (Level AA 2.1 only)	Partially supports	<p>The majority of website can be resized to a width of 320 CSS pixels / a height of 256 CSS pixels without loss of content or functionality, and without requiring scrolling in two dimensions, with some exceptions. These include:</p> <ul style="list-style-type: none"> In the Publication type – journal, content is lost and

Criteria	Conformance level	Remarks and explanations
		does not reflow when viewing the pages at a smaller viewport.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	The interface components and graphical objects have a contrast ratio of at least 3:1.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	The website allows for relevant text style properties to be changed without loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Additional content that appears on hover or focus is dismissable, hoverable and persistent.
2.4.5 Multiple Ways (Level AA)	Supports	More than one way is available to locate web pages (with the exception of pages that are the result of, or a step in, a process.)
2.4.6 Headings and Labels (Level AA)	Supports	All headings and labels appropriately describe the topic or purpose of their related content.
2.4.7 Focus Visible (Level AA)	Supports	All keyboard operable user interface components provide a visible keyboard focus indicator.
3.1.2 Language of Parts (Level AA)	Supports	The human language of each passage or phrase in the content can be programmatically determined.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms that are repeated on multiple pages within a set of Web pages occur in the same

Criteria	Conformance level	Remarks and explanations
		relative order each time they are repeated.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within a set of pages are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	For automatically detected input errors where suggestions for correction are known, the suggestions are provided to the user.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Financial transaction pages provide a mechanism for reviewing, confirming or correcting information before finalizing the submission.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Status messages can be presented to the user by assistive technologies without receiving focus.

Table 3: Web Content Accessibility Guidelines (WCAG) 2.1, Level AAA

Notes:

Criteria	Conformance level	Remarks and explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not evaluated	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not evaluated	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not evaluated	
1.2.9 Audio-only (Live) (Level AAA)	Not evaluated	
1.3.6 Identify Purpose (Level AAA 2.1 only)	Not evaluated	
1.4.6 Contrast Enhanced (Level AAA)	Not evaluated	
1.4.7 Low or No Background Audio (Level AAA)	Not evaluated	
1.4.8 Visual Presentation (Level AAA)	Not evaluated	
1.4.9 Images of Text (No Exception Control) (Level AAA)	Not evaluated	
2.1.3 Keyboard (No Exception) (Level AAA)	Not evaluated	
2.2.3 No Timing (Level AAA)	Not evaluated	
2.2.4 Interruptions (Level AAA)	Not evaluated	
2.2.5 Re-authenticating (Level AAA)	Not evaluated	
2.2.6 Timeouts (Level AAA 2.1 only)	Not evaluated	
2.3.2 Three Flashes (Level AAA)	Not evaluated	
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Not evaluated	
2.4.8 Location (Level AAA)	Not evaluated	
2.4.9 Link Purpose (Link Only) (Level AAA)	Not evaluated	
2.4.10 Section Headings (Level AAA)	Not evaluated	

Criteria	Conformance level	Remarks and explanations
2.5.5 Target Size (Level AAA 2.1 only)	Not evaluated	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Not evaluated	
3.1.3 Unusual Words (Level AAA)	Not evaluated	
3.1.4 Abbreviations (Level AAA)	Not evaluated	
3.1.5 Reading Level (Level AAA)	Not evaluated	
3.1.6 Pronunciation (Level AAA)	Not evaluated	
3.2.5 Change on Request (Level AAA)	Not evaluated	
3.3.5 Help (Level AAA)	Not evaluated	
3.3.6 Error Prevention (All) (Level AAA)	Not evaluated	

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