VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Scopus** |
| **Date Last Updated** | **November 1, 2023** |
| Completed by | Ted Gies (Digital Accessibility Team)Madison Russell (Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Scopus according to the W3C WCAG 2.1 A and AA requirements.  |
| **Contact for More Information** | Elsevier Digital Accessibility Teamaccessibility@elsevier.com |
| **Testing Tools and Methods** | **Hands-on keyboard operationFirebug/Code inspectionJAWS 17 on Chrome V 108 on Windows 10NVDA screen reader v2022.1Wave ExtensionaXe Extension for Chrome****Color Contrast AnalyzerW3C WAI Pages**Elsevier Accessibility Checklist: <http://romeo.elsevier.com/accessibility_checklist/> |
| **Document Sections** | The review document below includes all WCAG 2.1 A and AA checkpoints and is organized into 6 logical sections: * Visuals
* Keyboard
* Headings and Structure
* Labeling
* Multimedia
* Usability
 |
| **Pages Covered** | Header, Footer, Document Search, Document Search Results, Document Details, Author Details, Affiliation Details, Patent Results, Author Results, Researcher Discovery, Citation Overview, Scopus AI, Organization Profile (New), Saved Lists, Saved Searches, Alerts, Export and Reference Management Settings, Advanced Search, Compare Sources |
| **Terms** | * **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.**
* **Partially supports: Some functionality of the product does not meet the criteria.**
* **Does not support: Majority of functionality of the product does not meet the criteria.**
* **Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."**
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| **Notes/Terminology** | **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

| **WCAG 2.1 Success Criterion**  | **Level** | **Evaluation** |
| --- | --- | --- |
| 1.1.1 Non-text Content | A | Partially supports |
| 1.2.1 Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2 Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3 Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4 Captions (Live) | AA | Supports (N/A) |
| 1.2.5 Audio Description | AA | Supports (N/A) |
| 1.3.1 Info and Relationships | A | Partially supports |
| 1.3.2 Meaningful Sequence | A | Supports |
| 1.3.3 Sensory Characteristics | A | Supports |
| 1.3.4 Orientation (2.1) | AA | Supports |
| 1.3.5 Identify Input Purpose (2.1) | AA | Supports (N/A) |
| 1.4.1 Use of Color | A | Partially supports |
| 1.4.2 Audio Control | A | Supports (N/A) |
| 1.4.3 Contrast (Minimum) | AA | Partially supports |
| 1.4.4 Resize text | AA | Supports |
| 1.4.5 Images of Text | AA | Supports |
| 1.4.10 Reflow (2.1) | AA | Does not support |
| 1.4.11 Non-Text Contrast (2.1) | AA | Partially supports |
| 1.4.12 Text Spacing (2.1) | AA | Supports |
| 1.4.13 Content on Hover or Focus (2.1) | AA | Supports |
| 2.1.1 Keyboard | A | Partially supports |
| 2.1.2 No Keyboard Trap | A | Supports |
| 2.1.4 Character Key Shortcuts (2.1) | A | Supports (N/A) |
| 2.2.1 Timing Adjustable | A | Supports |
| 2.2.2 Pause, Stop, Hide | A | Supports (N/A) |
| 2.3.1 Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1 Bypass Blocks | A | Supports |
| 2.4.2 Page Titled | A | Supports |
| 2.4.3 Focus Order | A | Partially supports |
| 2.4.4 Link Purpose (In Context) | A | Partially supports |
| 2.4.5 Multiple Ways | AA | Partially supports |
| 2.4.6 Headings and Labels | AA | Supports |
| 2.4.7 Focus Visible | AA | Partially supports |
| 2.5.1 Pointer Gestures (2.1) | A | Supports (N/A) |
| 2.5.2 Pointer Cancellation (2.1) | A | Supports |
| 2.5.3 Label in Name (2.1) | A | Supports |
| 2.5.4 Motion Actuation (2.1) | A | Supports (N/A) |
| 3.1.1 Language of Page | A | Supports |
| 3.1.2 Language of Parts | AA | Does not support |
| 3.2.1 On Focus | A | Supports |
| 3.2.2 On Input | A | Supports |
| 3.2.3 Consistent Navigation | AA | Supports |
| 3.2.4 Consistent Identification | AA | Supports |
| 3.3.1 Error Identification | A | Supports (N/A) |
| 3.3.2 Labels or Instructions | A | Partially supports |
| 3.3.3 Error Suggestion | AA | Supports |
| 3.3.4 Error Prevention (Legal, Financial, Data) | AA | Supports (N/A) |
| 4.1.1 Parsing | A | Partially supports |
| 4.1.2 Name, Role, Value | A | Partially supports |
| 4.1.3 Status Messages (2.1) | AA |  Supports |

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| **Visuals** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.1.1: Non-Text Content](http://www.w3.org/TR/WCAG20/#text-equiv-all) (A)Provide text alternatives for non-text content (e.g. images) | Partially supports | Scopus does not contain a lot of non-text content and most non-text content provides text alternatives.**Exceptions:** Document Details: Within download, Scopus, Chrome, and Firefox icons do not have a text alternativeAuthor Details: ExLibris RefWorks logo alt text only says Refworks, should include all text in imageScopus AI: Image in survey dialog does not have a text alternative |
| [1.3.3: Sensory Characteristics](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) (A)Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports | Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. |
| [1.4.1: Use of Color](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (A)Color is not used as the only visual means of conveying info | Partially supports | Most content on Scopus does not use color only to convey meaning.**Supporting remarks:****Exceptions:** All blue text links use color only to indicate that it is a linkAll search results: The links in each search result item have a color that is the same as the surrounding text with no text decoration denoting them as links |
| [1.4.3: Color Contrast (Minimum)](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (AA)Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Most text within Scopus has a color contrast of at least 4.5:1.**Supporting Remarks:** **Exceptions:**Document Results: “Show more” and “Show less” have a text contrast ratio of 3.9:1, Export documents to CSV: placeholder text “from” and “to” have a text contrast ratio of 1.9:1Document Details: Cited by \_ Documents author name has a text contrast ratio of 4.34:1Author Details: Within View List in Search Results Format, author ID text has a contrast ratio of 2.5:1Affiliation Details: “Data displayed above…” has a text contrast ratio of 2.5:1Patent Results: “AF-ID” has a text contrast ratio of 2.5:1Author Results: “Author last name” has a text contrast ratio of 2.5:1Citation Overview: “Back to document results”, “export”, and “print” have a text contrast ratio of 3.9:1Advanced Search: Operator buttons have a text contrast ratio of 4.1:1Compare Sources: “e.g. cell, cancer” text has a contrast ratio of 4.2:1, “Remove all selections” text has a contrast ratio of 4.12:1 |
| [1.4.4: Resize Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (AA)Text can be enlarged up to 200% without loss of functionality. | Supports | Text can be enlarged up to 200% on most pages without loss of functionality. |
| [1.4.5: Images of Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (AA)Text is used rather than images of text, except where the presentation of text is essential, such as logos | Supports | Scopus pages do not contain images of text.  |
| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/#reflow) (AA) (2.1)Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:Vertical scrolling content at a width equivalent to 320 CSS pixels;Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Does not support | Scopus content cannot be presented without loss of information and functionality and without requiring scrolling in two dimensions when magnified. **Examples:**All pages require scrolling in two dimensions when magnifiedAuthor Details: Export Document Settings – checkboxes are cut off when magnifiedScopus AI: When Visualize It graph is displayed, when magnified, content is no longer accessible even when scrolling to the right (copy, thumbs up, thumbs down buttons no longer visually shown and only accessible via keyboard) |
| [1.4.11 Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)(2.1)User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially supports | Overall Scopus provides good contrast between graphical objects and backgrounds.**Supporting Remarks:****Exceptions:**Scopus AI: Copy/thumbs up/thumbs down button borders have a contrast ratio of 1.3:1Saved Lists: bullets have a contrast ratio of 2.8:1Compare Sources: select menu border has a contrast ratio of 1.2:1, Some colors used in chart do not pass non-text contrast (#26ACD5, #91AC6E, #99EBD8, #DEC951, #E5A084) |
| [1.4.12 Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)(2.1)In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:Line height (line spacing) to at least 1.5 times the font size;Spacing following paragraphs to at least 2 times the font size;Letter spacing (tracking) to at least 0.12 times the font size;Word spacing to at least 0.16 times the font size. | Supports | All text-based CSS settings within Scopus can be changed to certain minimum values without loss of content or functionality. |
| [1.4.13 Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)(2.1)Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:* Dismissable
* Hoverable
* Persistent
 | Supports | All content that displays on hover or focus is dismissible, hoverable, and persistent. |
| [2.3.1: Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (A)No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | Scopus does not contain flashing content. |
| **Keyboard** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.2: Meaningful Sequence](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (A)The correct reading sequence can be programmatically determined | Supports | The correct reading sequence can be programmatically determined on all Scopus pages.  |
| [2.1.1: Keyboard](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (A)All functionality is available from a keyboard, except for tasks such as drawing | Partially supports | Overall Scopus provides keyboard access to most of the interactive links and buttons.**Supporting Remarks:****Exceptions:**Organization Profile Page (New): “Subject area” and “source” radio buttons are only keyboard accessible when tabbing backwards, but not when tabbing forwards, “Download All” button within Collaborators is only keyboard accessible when tabbing backwards, but not when tabbing forwards |
| [2.1.2: No Keyboard Trap](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (A)The user can use the keyboard to move through page elements and is not trapped on a particular element | Supports | There are no keyboard traps within Scopus. |
| [2.1.4 Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)(2.1)If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:* Turn off
* Remap
* Active only on focus
 | Supports  | Scopus content does not have any keyboard shortcuts using single keys. |
| [2.4.3: Focus Order](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (A)Users can tab through the elements of a page in a logical order | Supports | Scopus users can tab through the interface in a logical order, where elements receive focus from top to bottom, left to right.**Supporting remarks:**Tab panels and navigation can be activated via keyboard and navigated through in a logical order**Exceptions:**Author Details: Within Document tab, focus goes to author position before “View list in search results format”, focus does not stay within Author Information fly-out and moves to content behind the fly-outCompare Sources: focus goes to “chart” and “table” even when greyed out and unavailable |
| [2.4.7: Focus Visible](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (AA)The page element with the current keyboard focus has a visible focus indicator | Partially supports | Most page elements have a visible focus indicator.**Exceptions:** Patent Results: No visible focus on LexisNexis linkAdvanced Search: no visible focus on “compact query” and “clear form”Compare Sources: “chart” and “table”, when active, do not have a visible focus indicator, Additional charts do not have a visible focus indicator |
| [3.2.1: On Focus](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (A)When a UI component receives focus, this does not trigger unexpected actions. | Supports | UI components on Scopus do not trigger unexpected actions when receiving focus.**Exceptions:** |
| **Headers and Structure** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.1: Information and Relationships](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (A)Info, structure, and relationships can be programmatically determined | Partially supports | On most pages, information, structure, and relationships can be programmatically determined. **Supporting remarks:****Exceptions:**Footer: H3 headings should be H2Document Search Results: No H1 heading, headings jump from H2 to H4Document Details: Empty H1 headingAuthor Details: Multiple H1 headings, “Collaboration”, “Documents in top citation percentiles” should be H2 headingsResearcher Discovery: No H1 heading, H4 article titles should be H3Organization Profile Page (New): headings skip levels, H4 headings should be H2Saved Lists: headings skip a level, H3 headings should be H2Saved Searches: headings skip a level, H3 headings should be H2Alerts: multiple H1 headingsExport and Reference Management Settings: multiple H1 headingsCompare Sources: multiple H1 headings |
| [2.4.1: Bypass Blocks](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (A)Users can bypass repeated blocks of content. | Supports | “Skip to main content” button appears on all pages and skips the left-side main navigation |
| [2.4.6: Headings and Labels](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (AA) Headings and labels are clear and consistent. | Supports | Scopus pages have clear and consistent headings and labels |
| [3.1.1: Language of Page](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (A)The language of the page is specified | Supports | All pages on Scopus have the language of the page specified, using lang=”EN”. |
| [3.1.2: Language of Parts](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (AA)Specify the language of text passages that are in a different language than the default language of the page. | Does not support | For content in a language other than English, the language of the part is not specified.  |
| [4.1.1: Parsing](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (A)Use valid, error-free HTML | Supports | Most page elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and most IDs are unique.**Exceptions:**Document Details: Duplicate ID – refNavLinksIdAuthor Details: Duplicate ID – exportLimit |
| **Labeling** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| 1.3.5 Identify Input Purpose (AA) (2.1)The purpose of each input field collecting information about the user can be programmatically determined when:The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Supports (N/A) | Scopus does not provide input fields pertaining to the end user |
| [2.4.2: Page Titled](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (A)The page has a title describing its topic or purpose | Supports | Scopus pages have a title that describes the topic or purpose of the page.**Supporting Remarks:**For example, <title>Scopus – Document Search </title> |
| [2.4.4: Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (A)The purpose of each link can be determined from the link text or surrounding context. | Partially supports | Most links have descriptive and unique names.**Exceptions:**Organization Profile Page (New): document number and authors number links are not descriptive |
| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)(2.1)For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Supports | UI components with labels that include text have an accessible name that includes that text. |
| [3.2.4: Consistent Identification](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (AA)UI components used across the web site are identified consistently on every page. | Supports | UI components are identified consistently and on every page.  |
| [3.3.1: Error Identification](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (A)Input errors are clearly marked and described to the user. | Supports | Scopus identifies input errors in a variety of ways including text which appears below form inputs, popups, and alerts. |
| [3.3.2: Labels and Instructions](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (A)Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Most form inputs provide an accessible name using the <label> tag or aria-label. **Exceptions:**Document Search: Red asterisk is used to indicate that the field is required but does not provide instructions that explain thisAuthor Details: Within View List in Search Results Format, “sort on” combobox is missing an accessible name, Display combobox is missing an accessible name, Set Citation Alert uses a red asterisk to indicate the field is required but does not provide instructions to explainResearcher Discovery: “Type organization name” and “Type country name” have no accessible nameOrganization Profile Page (New): uses a red asterisk to indicate the field is required but does not provide instructions to explainCompare Sources: Search Results combobox missing an accessible name |
| [3.3.3: Error Suggestion](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (AA)When the user makes an input error, give suggestions for valid input. | Supports | Suggestions for valid input are clear and easy to understand. |
| [4.1.2: Name, Role, Value](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (A)For all UI components, the name, value, and role can be programmatically determined. | Partially supports | The name, role, and value can be programmatically determined for most UI components. **Exceptions:**Author Search Results: “View/Hide Last Title” link should be a buttonAdvanced Search: “Outline Query”, “Add Author Name/Affiliation”, and “Clear Form” links should be buttons |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)(2.1)In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Supports | Scopus uses status messages to alert the user that a change was successful or that an error was made. |
| **Multimedia** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (A)Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | There is no pre-recorded audio-only or video-only content on the site. |
| [1.2.2: Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (A)Provide captions for pre-recorded audio | Supports (N/A) | There is no pre-recorded audio on the site. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (A)Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | There is no pre-recorded synchronized audio/video on the site. |
| [1.2.4: Captions (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (AA)Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no live audio in synchronized audio/video. |
| [1.2.5: Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (AA)Provide an audio description of pre-recorded video. | Supports (N/A) | There is no pre-recorded video on the site.  |
| [1.4.2: Audio Control](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (A)Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | There is no audio content on the site.  |
| [2.2.2: Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/#time-limits-pause) (A)Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Supports (N/A) | There is no moving, blinking, or scrolling content. |
| **Usability** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [2.2.1: Timing Adjustable](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (A)Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports |  |
| [2.4.5: Multiple Ways](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (AA)More than one way is available to navigate to other web pages. | Partially supports | There is more than one way to navigate to most Scopus Pages**Exceptions:** Header: “Export Preferences” and “Requests (Dashboard)” can only be reached via the drop-down in the header |
| [3.2.2: On Input](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (A) Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Supports | Scopus pages do not trigger unexpected changes in context when changing the setting of a checkbox, radio button, or other UI component. |
| [3.2.3: Consistent Navigation](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (AA)Navigation menus are in the same location and order on every web page. | Supports | Scopus’s navigation menus are in the same location and order on every page. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (AA)For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports (N/A) | No data submissions on the site require legal or financial commitments.No data submissions allow for a users’ profile to be deleted.  |
| **Mobile User Experience** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/#orientation)(AA) (2.1)Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | Content on Scopus does not restrict to a single display orientation. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A) (2.1)All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports (N/A) | Scopus does not contain multipoint or path-based gestures. |
| 2.5.2 Pointer Cancellation (A) (2.1)For functionality that can be operated using a single pointer, at least one of the following is true:* No Down-Event
* Abort or Undo
* Up Reversal
* Essential
 | Supports | Scopus allows for pointer cancellation. |
| [2.5.4 Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation) (A)(2.1) Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:* Supported Interface
* Essential
 | Supports (N/A) | Scopus does not contain motion actuation. |