

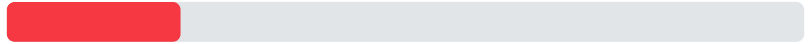


https://nucleai.ai/

Report generated on Mar 12, 2024



16 Failed



5 Warnings



52 Passed



Common SEO issues

10 Failed

2 Warnings

13 Passed

! Meta Title Test

This webpage is using a title tag with a length of 18 characters. While there's no target number of characters, titles should be descriptive and concise. Using a title tag with less than 20 characters is a missed opportunity since it can be difficult to fit all your targeted keywords in such a short text.

We recommend using a title with a length between 20 - 60 characters in order to fit Google Search results that have a 600-pixel limit.

Text: Homepage - Nucleai

Length: 18 characters



✖ Meta Description Test

This webpage is not using a meta description tag! You should include this tag in order to provide a brief description of your page which can be used by search engines. Well-written and inviting meta descriptions may also help click-through rates to your site in search engine results.

How to pass this test?

In order to pass this test you must include a meta-description tag in your page header (<head> section):

```
<head>  
  <meta name="description" content="type_your_description_here">  
</head>
```

Note that in HTML the <meta> tag has no end tag but in XHTML this tag must be properly closed.

Meta description can have any length but a good practice is to keep this under 160 characters (search engines generally truncate snippets longer than this value).

⦿ Google Search Results Preview Test

Desktop version

```
https://nucleai.ai/  
Homepage - Nucleai
```

Mobile version

```
https://nucleai.ai/  
Homepage - Nucleai
```



✔ Social Media Meta Tags Test

This webpage is using social media meta tags.

Open Graph Meta Tags	
og:locale	en_US
og:type	website
og:title	Homepage - Nucleai
og:description	Transforming Precision Medicine Powered by AI-Pathology Nucleai is Leading the Spatial Biology Revolution in Precision Medicine Our Mission We are committed to bringing the power of spatial biology to reality by providing pharmaceutical companies and clinicians with AI-powered image analysis applications. Our platform enhances drug development, supports treatment decisions and improves patient lives. Technology Our [...]
og:url	https://nucleai.ai/
og:site_name	Nucleai
og:image	https://nucleai.ai/wp-content/uploads/2022/03/art.png
Twitter Card Meta Tags	
twitter:card	summary_large_image

⊙ Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

- 42 cookie
- 31 nucleai
- 27 spatial
- 23 description
- 21 duration



✘ Keywords Usage Test

The most common keywords of this webpage are not distributed across the important HTML tags! Primary keywords should appear in title tag, meta description and heading tags to help Search Engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
cookie	✘	✘	✘
nucleai	✓	✘	✓
spatial	✘	✘	✓
description	✘	✘	✘
duration	✘	✘	✘

🕒 Keywords Cloud Test





Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- [nucleai](#)
- [nuclei ai](#)
- [nuclei ai](#)
- [nucleus ai](#)
- [kenneth bloom md](#)
- [nuclea](#)
- [pathology ai companies](#)
- [dr kenneth bloom](#)
- [400 n aberdeen st chicago il 60642](#)
- [ettai](#)

Competitor Domains Test

This domain has an Authority Score of **24/100** while the **Average Authority Score** of top 100 sites is **89.5**. Some of the most relevant competitors for this domain are listed below:



✖ Heading Tags Test

This webpage does not contain H1 headings! H1 headings help indicate the important topics of your page to search engines. While less important than good meta-titles and descriptions, H1 headings may still help define the topic of your page to search engines.

H2 tags

Transforming Precision Medicine Powered by AI-Pathology

Our Mission

Technology

MILLIONS

12

50+

We are transforming precision medicine with AI-powered pathology

Our Platform

Join Us in Biomarker Discovery

Nucleai and Mayo Clinic BioPharma Diagnostics Announce Strategic Collaboration to Transform Digital Pathology for Drug Development and Clinical Practice

Nucleai and Adlai Nortye Partner to Identify and Validate Novel Spatial Biomarkers Across Adlai Clinical Trials

Nucleai Expands Leadership Team and Scientific Advisory Board with Pharmaceutical Industry Experts

Spatial Multiomics Powers Pathology Prediction

Nucleai Expands Scientific Advisory Board with Oncology Industry Luminary Dr. Julian Adams

Nucleai Launches New Multiplex Imaging Spatial Analysis Solution to Increase Reliability and Speed of Immunofluorescence Analysis for Drug Discovery and Development

CONTACT US

info@nucleai.ai

VISIT US

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How to pass this test?

In order to pass this test you must identify the most important topics from your page and insert those topics between `<h1>...</h1>` tags.



Example:

```
<h1>Important topic goes here</h1>  
...  
<h1>Another topic</h1>
```

✓ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

<https://nucleai.ai/robots.txt>

✓ Sitemap Test

This website has a sitemap file.

https://nucleai.ai/sitemap_index.xml

✗ SEO Friendly URL Test

This webpage contains URLs that are not SEO friendly!

How to pass this test?

In order for URLs to be SEO friendly, they should be clearly named for what they are and contain no spaces, underscores or other characters. You should avoid the use of parameters when possible, as they make URLs less inviting for users to click or share.

- If your website is new and is not indexed by search engines you can replace underscores with hyphens or redirect those links to URLs that use hyphens. BUT, if your website is ranked well by search engines you do not need to do this (probably you have other ranking factors working very well).

- The general advice remains: build links that contain hyphens rather than underscores and avoid dynamic URLs.

✗ Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

How to pass this test?

In order to pass this test you must add an **alt** attribute to every **** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```

```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about [optimizing images for SEO](#).



✘ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

✘ Image Aspect Ratio Test

Not all image display dimensions match the natural aspect ratio! Fix aspect ratio issues to avoid distorted images on this website!

How to pass this test?

There are two common causes for an incorrect image aspect ratio:

- An image is set to explicit width and height values that differ from the source image's dimensions.
- An image is set to a width and height as a percentage of a variably-sized container.

To help avoid these issues, consider using an image CDN, to help automate the process of creating different size versions of your image.

Also check any CSS that can affect the image's aspect ratio - if you're having trouble finding the CSS that's causing the incorrect aspect ratio, Chrome DevTools can show you the CSS declarations that affect a given image.

Finally, check the image's width and height attributes in the HTML. When possible, it's good practice to specify each image's width and height attributes in your HTML so that the browser can allocate space for the image. This approach helps to ensure that content below the image doesn't shift once the image is loaded.



✘ Inline CSS Test

This webpage is using inline CSS styles!

How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes
- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

For example:

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```

✔ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.



✘ Google Analytics Test

A Google Analytics script is not detected on this page. While there are several tools available to monitor your site's visitors and traffic sources, Google Analytics is a free, commonly recommended program to help diagnose potential SEO issues.

How to pass this test?

In order to pass this test you must create an account on [Google Analytics site](#) and insert into your page a small javascript tracking code.

Example:

```
<!-- Google Analytics -->
<script>
(function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){
(i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','//www.google-analytics.com/analytics.js','ga');

ga('create', 'UA-XXXX-Y', 'auto');
ga('send', 'pageview');

</script>
<!-- End Google Analytics -->
```

Note that you have to change the 'UA-XXXX-Y' with the proper id which you'll find in your analytics account.

✔ Favicon Test

 This website appears to have a favicon.



🕒 Backlinks Test

This domain has an Authority Score of **24/100** while the **Average Authority Score** of top 100 sites is **89.5**. Also, this domain has **408 backlinks** from **132 referring domains** and some recently found backlinks are listed below:

MAR 11, 2024 <https://techjobsisrael.com/jobs/director-of-application-science-0f1fc038>

MAR 11, 2024 <https://miziro.ru/wfhmp1/6571/p3>

MAR 11, 2024 <http://nucleaimd.com/>

MAR 10, 2024 <https://www.pharmasalmanac.com/articles/what-strategies-are-being-employed-to-accelerate-pr...>

MAR 10, 2024 <https://miziro.ru/wfhmp1/776/p5>

MAR 9, 2024 <https://synapse.zhihuiya.com/organization/78c2f941d26744a3103f880e0ed9fae9>

MAR 9, 2024 <https://www.example3.com/domain/upenn.edu>

MAR 8, 2024 <https://support.git.word.wordxiao.com/VehpuS>

MAR 8, 2024 <https://miziro.ru/wfhmp1/792/p8>

MAR 8, 2024 <https://chistka-kovrov.kz/tel-search-switzerland-k.html>

❌ JS Error Test

We've found JavaScript errors on this webpage!

How to pass this test?

If your site has JavaScript errors it might not work properly, which can lead to improper or incomplete loading of content. It's hard to advise how to fix JavaScript errors since there are many different types, but here are some tips:

- First of all, you have to locate the source of errors;
- If you are using JS plugins or other third party code, you must carefully read the documentation;
- Syntax errors (a typo or missing character) are easy to fix;

✅ Console Errors Test

This webpage doesn't have any warnings or errors caught by the Chrome DevTools Console.

✅ Charset Declaration Test

This webpage has a character encoding declaration.

```
Content-Type: text/html; charset=UTF-8
```



✔ Social Media Test

This webpage is connected successfully with social media using:

[Facebook](#) [Twitter](#)

Speed optimizations

4 Failed

1 Warnings

20 Passed

✘ HTML Page Size Test

The size of this webpage's HTML is **93.8 Kb**, and is greater than the average size of **33 Kb**! This can lead to slower loading times, [lost visitors](#), and decreased revenue. Good steps to reduce HTML size include: using [HTML compression](#), [CSS layouts](#), [external style sheets](#), and [moving javascript](#) to external files.

How to pass this test?

In order to resolve this problem you are advised to:

- use gzip compression
- move all CSS style rules into a single, external and minified CSS file
- minify all JS files and, if possible, try combining them into a single external JS file
- use CSS layouts

✘ DOM Size Test

The Document Object Model (DOM) of this webpage has **6,446 nodes** which is greater than the recommended value of **1,500 nodes**! A large DOM size negatively affects site performance and increases the page load time.

How to pass this test?

In order to pass this test, you need to reduce the DOM size.

First, you need to identify the causes of an excessive number of DOM nodes. They can be: poorly coded plugins or themes, DOM nodes created dynamically via JavaScript, page builders that generate bloated HTML, copy-paste text into a WYSIWYG editor, hidden elements via CSS, etc.

Second, you need to remove the unnecessary tags and even refactor or rewrite some parts of the code/template. Another workarounds can be: code splitting (create more pages instead of one long page), consider to lazy load some parts of your website in order to speed up the initial rendering, implement infinite scroll, improve page rendering with content visibility (with the CSS content-visibility property, the browser will skip the styling, layout, and paint until the user scrolls down the page).



✓ HTML Compression/GZIP Test

This webpage is successfully compressed using **br compression** on your code. The HTML code is compressed from 347.57 Kb to 93.8 Kb (73% size savings). This helps ensure a faster loading webpage and improved user experience.

✓ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **3.57 seconds** and this is under the average loading speed which is 5 seconds.

! JS Execution Time Test

The JavaScript code used by this webpage is executed in more than **2 seconds!**



✖ Page Objects Test

This webpage is using more than 20 http requests, which can slow down page loading and negatively impact user experience!

Content size by content type

Content type	Percent	Size
Image	33.3 %	651.82 Kb
Javascript	27.4 %	537.13 Kb
Font	21.5 %	421.61 Kb
Other	7.0 %	137.27 Kb
Css	6.5 %	127.45 Kb
Html	4.2 %	82.57 Kb
TOTAL	100%	1.91 Mb

Requests by content type

Content type	Percent	Requests
Image	40.6 %	67
Javascript	24.2 %	40
Css	19.4 %	32
Other	9.7 %	16
Font	5.5 %	9
Html	0.6 %	1
TOTAL	100%	165

Content size by domain

Domain	Percent	Size
nucleai.ai	84.6 %	1.62 Mb
unpkg.com	4.9 %	96.34 Kb
cdn-cookieyes.com	3.9 %	77.15 Kb



fonts.gstatic.com	2.4 %	47.64 Kb
js.hscollectedforms.net	1.3 %	25.17 Kb
js.hs-banner.com	1.2 %	23.04 Kb
js.hs-analytics.net	1.1 %	21.22 Kb
js.hsadspixel.net	0.2 %	3.60 Kb
fonts.googleapis.com	0.1 %	2.80 Kb
js.hs-scripts.com	0.1 %	1.91 Kb
Other	0.2 %	2.94 Kb
TOTAL	100%	1.91 Mb

Requests by domain

Domain	Percent	Requests
nucleai.ai	86.1 %	142
cdn-cookieyes.com	5.5 %	9
js.hs-scripts.com	1.2 %	2
log.cookieyes.com	1.2 %	2
fonts.googleapis.com	0.6 %	1
unpkg.com	0.6 %	1
fonts.gstatic.com	0.6 %	1
js.hsadspixel.net	0.6 %	1
js.hscollectedforms.net	0.6 %	1
js.hs-analytics.net	0.6 %	1
Other	2.4 %	4
TOTAL	100%	165

✓ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. [Caching](#) helps speed page loading times as well as reduces server load.



✓ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

✓ CDN Usage Test

This webpage is serving all images, javascript and css resources from CDNs.

✓ Modern Image Format Test

This webpage is using images in a modern format.

✓ Image Metadata Test

This webpage is not using images with large metadata.

✓ Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

✓ JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

✓ CSS Caching Test

This webpage is using cache headers for all CSS resources.

✓ JavaScript Minification Test

All JavaScript files used by this webpage are minified.

✓ CSS Minification Test

All CSS resources used by this webpage are minified.



✘ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the [Chrome DevTools \(Coverage tab\)](#) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document
- inline critical CSS required for the first paint inside a style block in the head of the HTML document
- move the script and link tags at the end of the HTML document
- add async or defer attributes to non-critical script or link tags
- split CSS styles into different files, organized by media query
- compress and minify your text-based resources

✔ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

✔ Frameset Test

This webpage does not use frames.

✔ Doctype Test

This webpage has a doctype declaration.

```
<!DOCTYPE html>
```

✔ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).



✓ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is 1.26 seconds. To provide a good user experience, [Google recommends](#) that sites should strive to have Largest Contentful Paint of 2.5 seconds or less.

Largest Contentful Paint element within the viewport:

Text: *Transforming Precision Medicine Powered by AI-Pathology*

Html: `<h2 class="elementor-heading-title elementor-size-default">`

✓ Cumulative Layout Shift Test

The CLS score of this webpage is 0.0008. To provide a good user experience, [Google recommends](#) that sites should strive to have a CLS score of 0.1 or less.

DOM element which contributes the most to CLS score:

Text: OUR MISSION TECHNOLOGY PRODUCTS ABOUT US EVENTS JOIN US CONTACT

Html: `<ul id="menu-1-266442e6" class="elementor-nav-menu" data-smartmenus-id="17102265117592354">`

Score: 0.0004

Server and security

2 Failed

0 Warnings

8 Passed

✓ URL Canonicalization Test

<https://nucleai.ai/> and <https://www.nucleai.ai/> resolve to the same URL.



✔ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✔ The certificate is not used before the activation date.
- ✔ The certificate has not expired.
- ✔ The hostname "nucleai.ai" is correctly listed in the certificate.
- ✔ The certificate should be trusted by all major web browsers.
- ✔ The certificate was not revoked.
- ✔ The certificate was signed with a secure hash.

Certificate Chain:

Server certificate	
Common Name	nucleai.ai
Subject Alternative Names (SANs)	nucleai.ai, www.nucleai.ai
Not Valid Before	Wed, January 24th 2024, 9:59:25 pm (UTC)
Not Valid After	Fri, January 24th 2025, 9:59:25 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Starfield Secure Certificate Authority - G2

Intermediate certificate	
Common Name	Starfield Secure Certificate Authority - G2
Organization	Starfield Technologies, Inc.
Location	Scottsdale, Arizona, US
Not Valid Before	Tue, May 3rd 2011, 7:00:00 am (UTC)
Not Valid After	Sat, May 3rd 2031, 7:00:00 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Starfield Root Certificate Authority - G2

Root certificate	
Common Name	Starfield Root Certificate Authority - G2
Organization	Starfield Technologies, Inc.



Location	Scottsdale, Arizona, US
Not Valid Before	Tue, September 1st 2009, 12:00:00 am (UTC)
Not Valid After	Thu, December 31st 2037, 11:59:59 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Starfield Root Certificate Authority - G2

✓ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

✓ HTTP2 Test

This webpage is using the HTTP/2 protocol.

✓ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

✓ Server Signature Test

The server signature is off for this webpage.

✓ Directory Browsing Test

Directory browsing is disabled for this website.



✘ Plaintext Emails Test

We've found 1 email addresses in your page code! We advise you [to protect email links](#) in a way that hides them from the spam harvesters.

How to pass this test?

In order to pass this test you must make your email addresses invisible to email spiders. Note that the best option is to replace your entire contact mechanism with a contact form and using the POST method while submitting the form.

Other solutions are listed below:

- replace the at (@) and dot (.) characters
- replace text with images
- use email obfuscators
- hide email addresses using JavaScript or CSS trick

✘ Unsafe Cross-Origin Links Test

This webpage is using `target="_blank"` links without `rel="noopener"` or `rel="noreferrer"` attribute, which can expose it to performance and security issues!

How to pass this test?

In order to pass this test, you have to update each link identified in this report, by adding a `rel="noopener"` or a `rel="noreferrer"` attribute or both:

```
<a href="https://example.com" target="_blank" rel="noopener noreferrer">  
  Click here  
</a>
```

- `rel="noopener"` prevents the new page from being able to access the `window.opener` property and ensures it runs in a separate process.
- `rel="noreferrer"` has the same effect but also prevents the **Referer header** from being sent to the new page.

Mobile usability

0 Failed

0 Warnings

3 Passed

✔ Meta Viewport Test

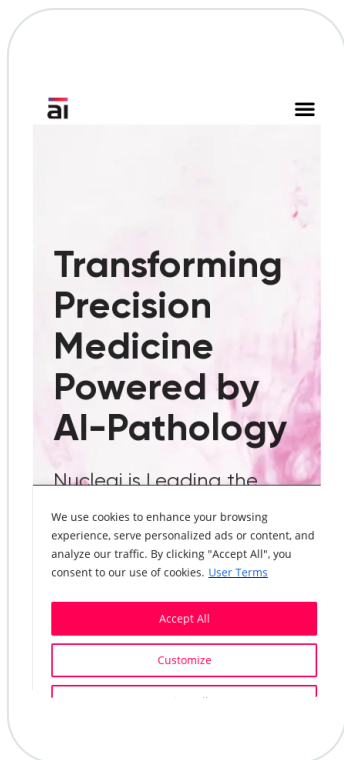
This webpage is using a viewport meta tag.

```
<meta name="viewport" content="width=device-width, initial-scale=1" />
```

Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.

Mobile Snapshot Test



Advanced SEO

0 Failed

2 Warnings

8 Passed

Structured Data Test

This webpage is using structured data.

Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially [track the source of broken links](#).



✔ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.

✔ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: <https://nucleai.ai/> is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

```
<link href="https://nucleai.ai/" rel="canonical"/>
```

⊙ Nofollow Tag Test

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

⊙ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

✔ Meta Refresh Test

This webpage is not using a meta refresh tag.

✔ SPF Records Test

This DNS server is using an SPF record.

```
v=spf1 include:spf.protection.outlook.com -all
```

⚠ Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.