

ImageTwin / Profig / ImaChek demos

JOURNAL OF EXPERIMENTAL NANOSCIENCE
2020, VOL. 15, NO. 1, 280–296
<https://doi.org/10.1080/17458080.2020.1778167>



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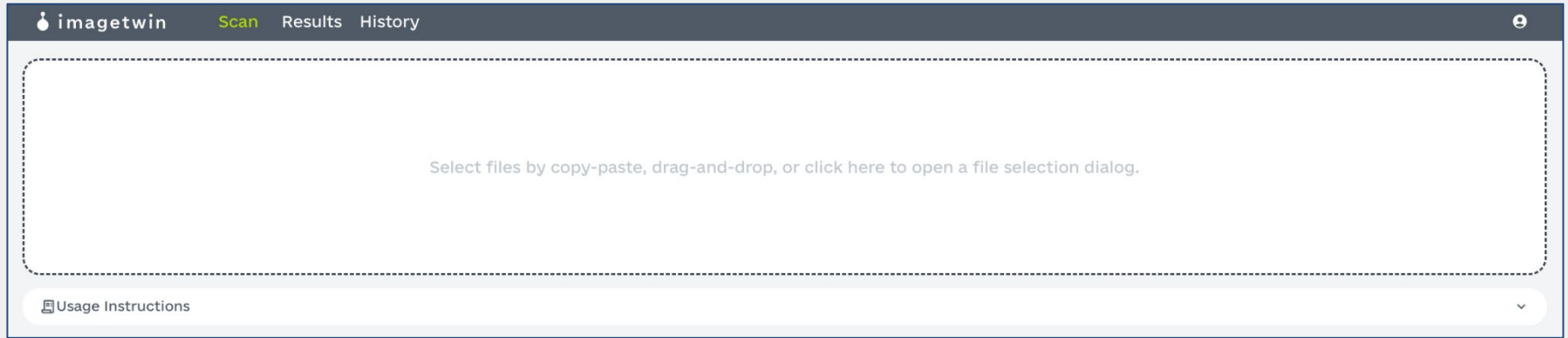
Chemical characterization and neuroprotective properties of copper nanoparticles green-synthesized by *nigella sativa* L. seed aqueous extract against methadone-induced cell death in adrenal pheochromocytoma (PC12) cell line

Wen Yan^a, Yutang Liu^b, Shirin Mansooridara^c, Atoosa Shahriyari Kalantari^d,
Nastaran Sadeghian^e, Parham Taslimi^f, Akram Zangeneh^{g,h} and
Mohammad Mahdi Zangeneh^{g,h}



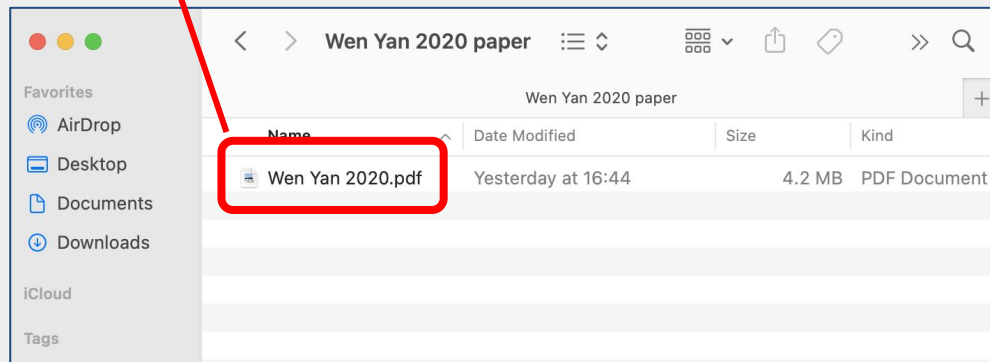
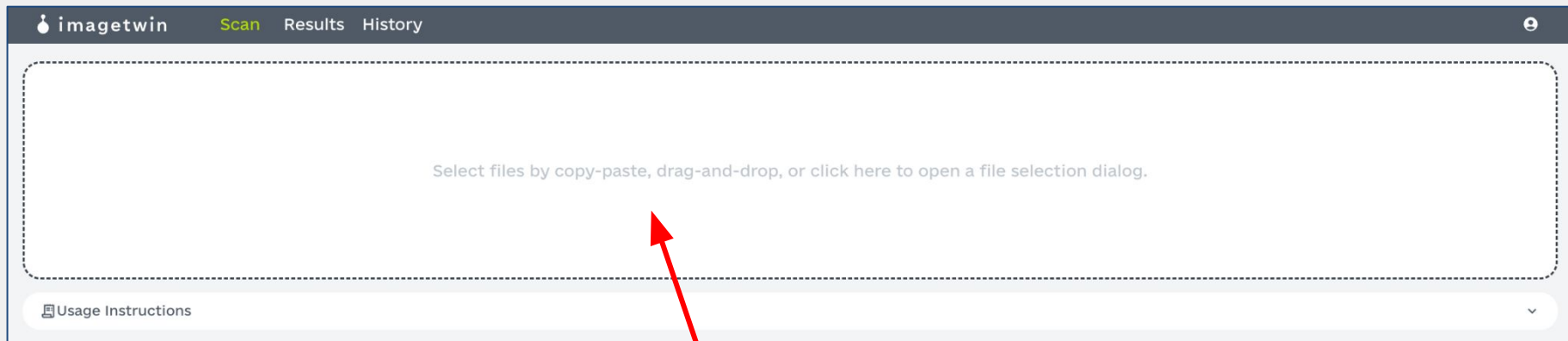
imageTwin

ImageTwin Demo - start screen



<https://app.imagetwin.ai/signin>

ImageTwin Demo - upload file



<https://app.imagetwin.ai/signin>

ImageTwin Demo - scan

The screenshot displays the ImageTwin web application interface. At the top, there is a navigation bar with the logo 'imagetwin' and menu items 'Scan', 'Results', and 'History'. Below the navigation bar is a large dashed box containing the instruction: 'Select files by copy-paste, drag-and-drop, or click here to open a file selection dialog.' Underneath this is a 'Usage Instructions' dropdown menu. The main section is titled 'Preview of the selected PDF' and shows a grid of 18 thumbnail images representing pages from a scanned document. These thumbnails include various elements such as text, tables, and charts. At the bottom of the interface, there is a checkbox labeled 'Save scan for 30 days' which is checked. Below the checkbox are two buttons: a green 'SCAN' button and a red 'RESET' button. A red arrow points to the 'SCAN' button, and a red square highlights it.

imagetwin Scan Results History

Select files by copy-paste, drag-and-drop, or click here to open a file selection dialog.

Usage Instructions

Preview of the selected PDF

Save scan for 30 days

SCAN RESET

ImageTwin Demo - scanning

The screenshot shows the ImageTwin web application interface. At the top, there is a navigation bar with the logo 'imagetwin', a 'Scan' button, and a 'History' link. Below the navigation bar is a large dashed box containing the instruction: 'Select files by copy-paste, drag-and-drop, or click here to open a file selection dialog.' Below this is a 'Usage Instructions' link. The main area is titled 'Preview of the selected PDF' and displays a grid of 18 thumbnail images representing the pages of a scanned document. The thumbnails include various content such as text, diagrams, and charts. In the center of the grid, there is a large white circular loading spinner and the text 'Scanning ...'. At the bottom left, there is a checkbox labeled 'Save scan for 30 days' which is checked. At the bottom, there are two buttons: 'SCAN' and 'RESET'.

ImageTwin Demo - Finding 1

5 / 18 Wen Yan 2020.pdf

GENERATE REPORT

Summary

- Dupl. within pages 6
- Dupl. publications 3

Filters

- Empty pages
- Dupl. within pages
- Dupl. publications

Publications

Zhang

Authors: Zhang Peng, Cui Jian, Mansooriana Shirin, Kalantari Atoosa Shahryari, Zangeneh Akram, Zangeneh Mohammad Mahdi, Sadeghian Nastaran, Taslimi Parham, Bayat Ramazan, Şen Fatih

Title: RETRACTED ARTICLE: Suppressor capacity of copper nanoparticles biosynthesized using *Crocus sativus* L. leaf aqueous extract on methadone-induced cell death in adrenal pheochromocytoma (PCT2) cell line

Published: Jul 2020

Links: doi

Sahak

Authors: Sahak Mohamad Khairul Azali, Kabir Nurul, Abbas Ghulam, Draman Suhalmi, Hashim Noor Hashida, Hasan Adli Durriyyah Sharifah

Title: The Role of *Nigella sativa* and Its Active Constituents in Learning and Memory

Published: 2016

Links: doi

JOURNAL OF EXPERIMENTAL NANOSCIENCE 283




Figure 1. The image of *Nigella sativa* L. seed.

mixture, Ehrlich solution, hydrolysate, and dimethyl sulfoxide (DMSO), all were achieved from Sigma-Aldrich company of USA.

2.2. Synthesis of CuNPs

At the beginning of the aqueous extracting, the fresh and healthy parts of *N. sativa* (seed) were collected from Kermanshah city (Iran; Figure 1). After shade drying in a mixer, 50 g of powdered plant sample was extracted with distilled water with increase of polarity at a ratio of 1:15 (v/v). At the end, for concentrating, rotary evaporator was used [14, 15].

The green synthesis of the CuNPs was initiated with a reaction mixture of 20 mL of $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$ in the concentration of 0.05 M and 200 mL of aqueous extract solution of *N. sativa* seed (20 $\mu\text{g}/\text{mL}$) in the proportion 1:10 in a conical flask (Figure 1). The reaction mixture was kept under magnetic stirring for 12 h at room temperature. At the end of the reaction time, the dark green colored colloidal solution of Cu was formed. The mixture was centrifuged at 10,000 rpm for 15 min. The precipitate was triplet washed with water and centrifuged subsequently [14, 15].

2.3. Chemical characterization of CuNPs

In this research, to record the UV-Vis spectra, a Shimadzu UV spectrophotometer was used. To investigate the size and morphology of CuNPs, Philips EM208S was employed to record transmission electron microscopy (TEM) images. Also, JASCO (FT/IR-6200) spectrophotometer was utilized to record the FT-IR spectra in this research. To evaluate the different morphological characteristic of CuNPs such as size distribution, surface

Dupl. publications

ImageTwin Demo - Findings Fig.1

Detail View FULL AREA

10.1155/2016/6075679 27022403 PMC4789020

JOURNAL OF EXPERIMENTAL NANOSCIENCE 283

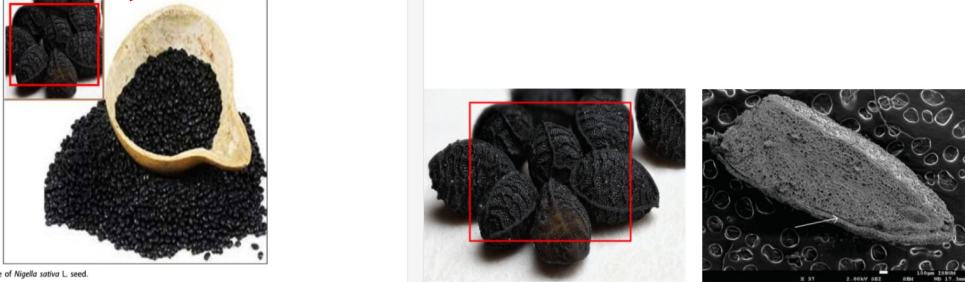


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Nigella sativa seeds

NS seed cut surface as seen by scanning electron microscopy

(a) Cc1ccc(C)cc1 *p*-cymene

(a) Cc1cc(O)c(C)cc1 Carvacrol

(c) Cc1cc(O)c(C)cc1 Thymol

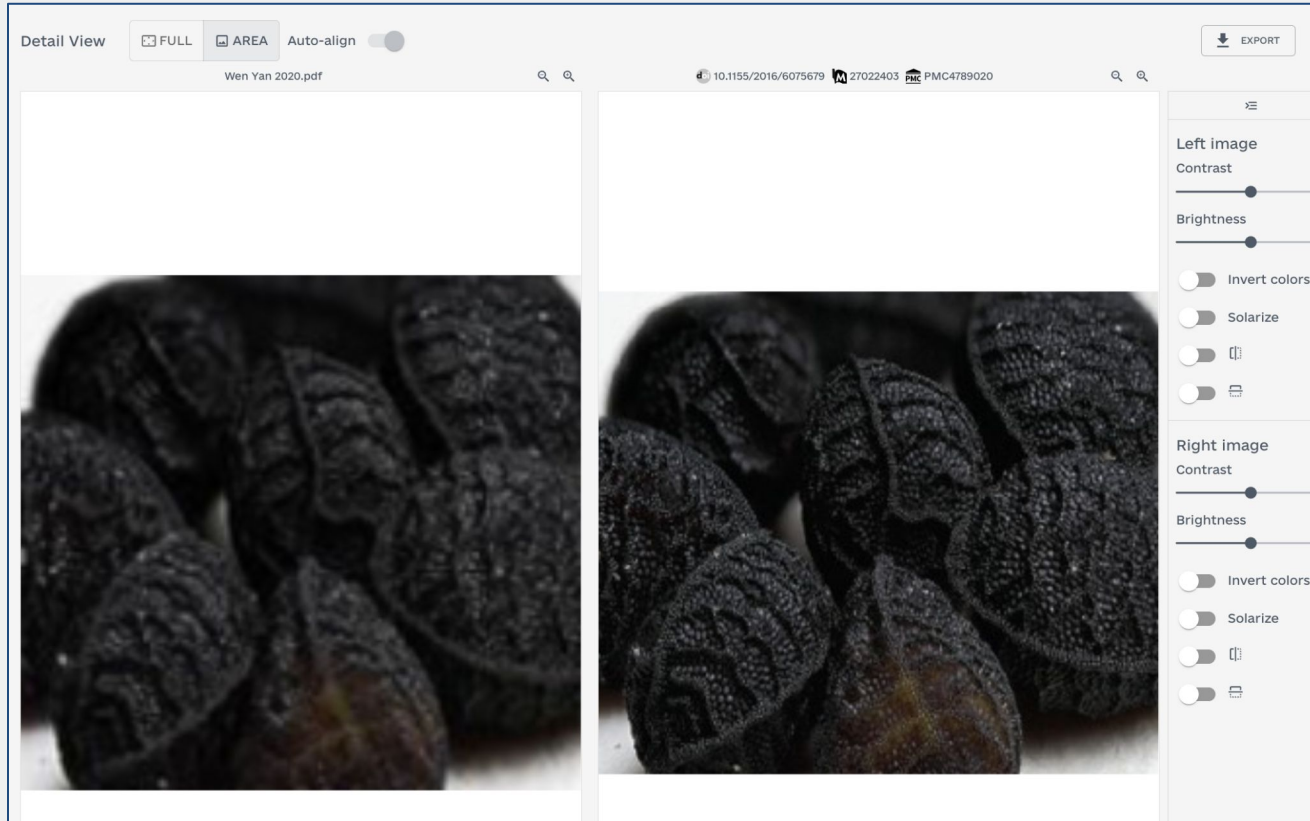
(c) Cc1cc(=O)c(C)c(=O)c1 Thymoquinone

Left image
Contrast
Brightness
Invert colors
Solarize

Right image
Contrast
Brightness
Invert colors
Solarize

EXPORT X

ImageTwin Demo - Findings Fig.1



ImageTwin Demo - Findings Fig. 4/5

imagetwin Scan Results History

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9 / 18 Wen Yan 2020.pdf

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

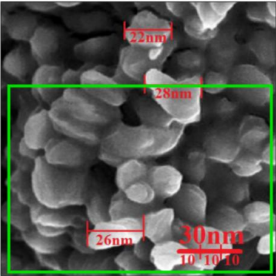


Figure 4. FE-SEM image of copper nanoparticles.

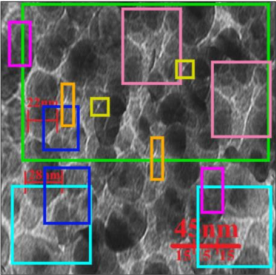


Figure 5. TEM image of copper nanoparticles.

alcohols and phenols); (II) 1623 cm^{-1} (C-O group of carboxylic acid group); (III) 1383 cm^{-1} (C=O stretching of carboxylic acid group); (IV) 1038 cm^{-1} (C-OH vibrations of the protein/polysaccharide) [4, 15, 22-26].

Summary

- Dupl. within pages: 6
- Dupl. publications: 3

Filters

- Empty pages:
- Dupl. within pages:
- Dupl. publications:

Publications

A Zhang

Authors: Zhang Peng, Cui Jian, Mansooridara Shirin, Kalantari Atoosa Shahriyari, Zangeneh Akram, Zangeneh Mohammad Mahdi, Sadeghian Nastaran, Taslimi Parham, Bayat Ramazan, Şen Fatih

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Dupl. within pages

-
-
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-

Dupl. publications

-
-

ImageTwin Demo - Findings Fig.4

Detail View FULL AREA

Wen Yan 2020.pdf

10.1038/s41598-020-68142-8 32669563 PMC7363853

EXPORT X

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

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Figure 5. TEM image of copper nanoparticles.

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Comment (0/60): Write your comment here.

ImageTwin Demo - Findings Fig. 4/5

imagetwin Scan Results History

GENERATE REPORT

9 / 18 Wen Yan 2020.pdf

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

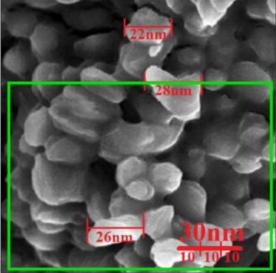


Figure 4. FE-SEM image of copper nanoparticles.

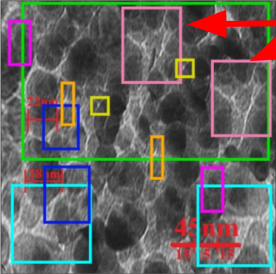


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Summary

- Dupl. within pages: 6
- Dupl. publications: 3

Filters

- Empty pages:
- Dupl. within pages:
- Dupl. publications:

Publications

A Zhang

Authors: Zhang Peng, Cui Jian, Mansooridara Shirin, Kalantari Atoosa Shahriyari, Zangeneh Akram, Zangeneh Mohammad Mahdi, Sadeghian Nastaran, Taslimi Parham, Bayat Ramazan, Şen Fatih

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Title: The Role of *α*-Nigella sativaxi and its Active Constituents in Learning and Memory

Published: 2016

Links: doi

Dupl. within pages

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Dupl. publications

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-

ImageTwin Demo - Findings Fig.5

Detail View FULL AREA

Wen Yan 2020.pdf

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

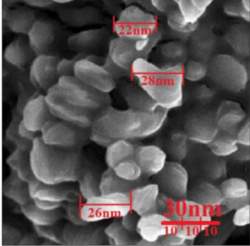


Figure 4. FE-SEM image of copper nanoparticles.

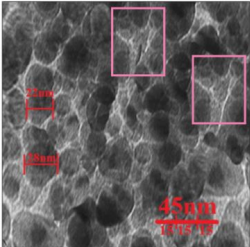


Figure 5. TEM image of copper nanoparticles.

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EXPORT X

Left image
Contrast
Brightness
Invert colors
Solarize
RESET

Comment (0/60): Write your comment here

ImageTwin Demo - Report

Imagetwin Scan Report

Created on 2024-05-29 20:47 UTC

Detected issues

Splices: 0
Duplicates in the scanned file: 6
Duplicates across publications: 3

Scanned files

• Wen Yan 2020.pdf

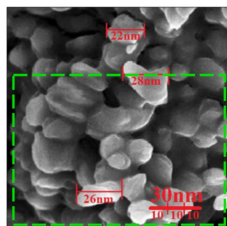
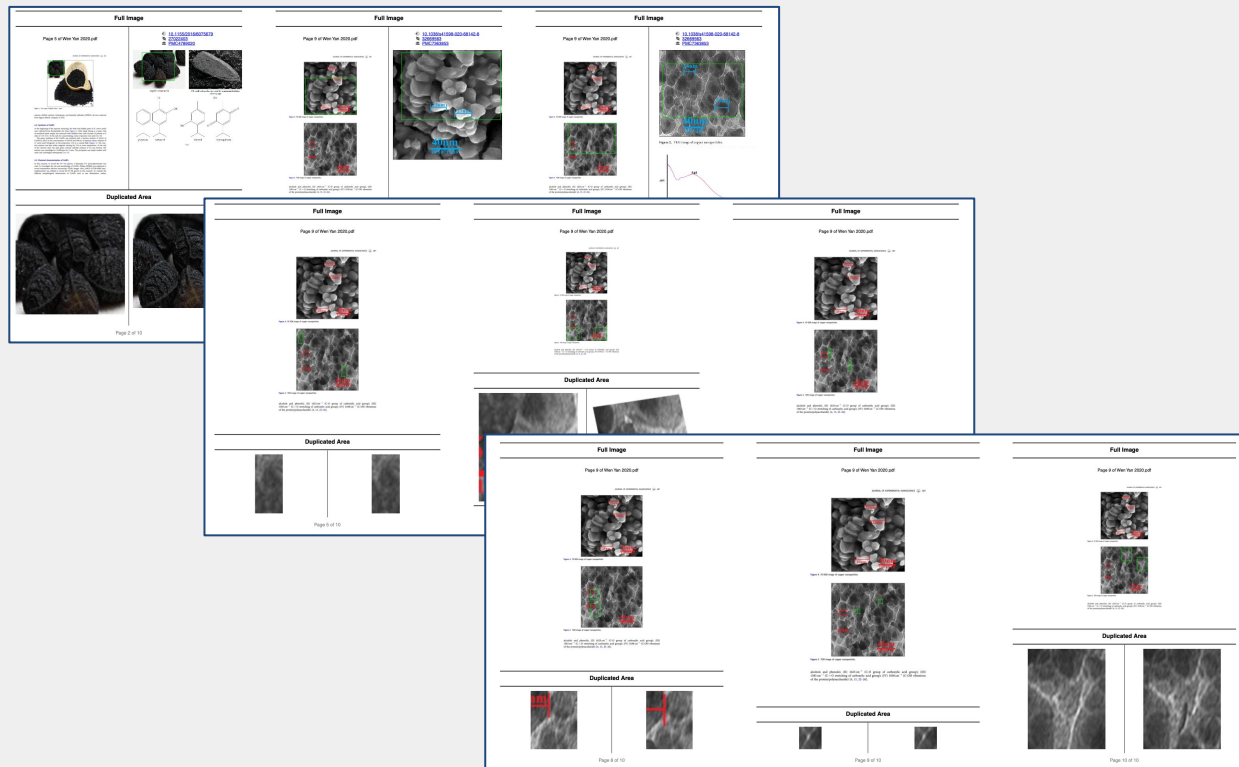


Figure 4. FESEM image of copper nanoparticles.

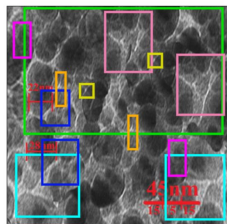


Figure 5. TEM image of copper nanoparticles.

Proofig AI

Proofig Demo - start screen

The screenshot displays the Proofig AI dashboard interface. At the top right, a 'File Upload' button is highlighted with a red box. In the center, a large red-bordered box contains the text 'Use AI-Powered Analysis for your manuscript Image Checking' and a prominent 'Upload your manuscript' button. Below this, three example categories are shown: 'Microscopy Examples', 'Western Blot Examples', and 'FACS & Other Examples', each with a 'Review' button. The main content area features a table of manuscript entries with columns for status, filename, page count, subimage count, suspected items, and a date/time column.

Status	Filename	Pages	Subimages	Suspected	Date/Time
Review	journal.pone.0060143 simple duplic.pdf pre-publication	13 Pages	63 Subimages	63 Suspected	29/05/2024, 23:11:18
Select-Subimage	shin2002.pdf pre-publication	9 Pages	59 Subimages		19/05/2024, 20:27:40
Review	deb2014.pdf pre-publication	13 Pages	6 Subimages	1 Suspected	17/05/2024, 23:06:21
Select-Subimage	bhardwaj2015.pdf pre-publication	13 Pages	25 Subimages		16/05/2024, 01:40:36
Select-Subimage	Dahl 2020 nanoparticles-mitigate-retinal-pigment-epithelium-death-using-APRE19-cell-model.pdf pre-publication	7 Pages	25 Subimages		15/05/2024, 05:14:46

Proofig Demo - upload file

The screenshot shows the Proofig AI dashboard. On the left is a sidebar with navigation options: To Do, MY ARTICLES, Reports, Subimage inspect, Page inspect (Beta), Clone inspect (Beta), My findings, My usage, My profile, and Recycle Bin. A red box highlights a 'Submit' button in the top right of the main content area. In the center, there are two dashed boxes for file uploads: 'Upload PDF File' and 'Convert and Upload jpg or png Files into a PDF'. Below these, a form is visible for 'Wen Yan 2020.pdf'. A red box highlights a checkbox with the text: '* You acknowledge that you are authorized by the manuscript's intellectual property owners to submit this manuscript for review on this platform.' Below the checkbox are radio buttons for 'pre-publication' (selected) and 'post-publication'. There are also input fields for Title, Review Stage, Identifier, Journal, Authors, and Notes.

The screenshot shows a macOS file browser window titled 'Wen Yan 2020 paper'. The sidebar on the left shows 'Favorites' including AirDrop, Desktop, Documents, and Downloads. The main area displays a table of files:

Name	Date Modified	Size	Kind
Wen Yan 2020.pdf	Yesterday at 16:44	4.2 MB	PDF Document

A red box highlights the file 'Wen Yan 2020.pdf' in the table.

<https://app.proofig.com/dashboard>

Proofig Demo - uploading

The screenshot displays the Proofig AI web interface. At the top, there is a navigation bar with the Proofig AI logo, a 'File Upload' button, a 'Contact us' button, and user profile icons. A sidebar on the left lists 'MY ARTICLES' with options like 'Reports', 'Subimage inspect', 'Page inspect', 'Clone inspect', 'My findings', 'My usage', 'My profile', and 'Recycle Bin'. The main content area features a central call-to-action: 'Use AI-Powered Analysis for your manuscript Image Checking' with a prominent 'Upload your manuscript' button. Below this are three example cards: 'Microscopy Examples', 'Western Blot Examples', and 'FACS & Other Examples', each with a 'Review' button. At the bottom, a list of manuscripts is shown. The first entry, 'Wen Yan 2020.pdf', is highlighted with a red box and shows a 'Processing 30%' status. The second entry, 'shin2002.pdf', has a 'Select-Subimage' button highlighted with a red arrow. The interface also includes a search bar, a pagination control showing '0 - 6 of 6', and a trash icon.

Proofig Demo - check subimages

Proofig AI File Upload Contact us ? Profile

Wen Yan 2020.pdf All pages Subimage Ignore area Submit 3 Subimages

8%

Recommendations

Scroll down all pages


Select Subimage to add subimages

Each subimage must be marked separately

Select Ignore area to remove text


* Proofig uses AI for automatic selection of subimages. Please verify that each and every subimage (including each line of Western band and microscopy) is selected. To avoid unwanted text comparison, please remove any text located on top of subimages.

Page:1



Journal of Experimental Nanoscience

ISSN: 1745-8080 (Print) 1745-8099 (Online) Journal homepage: <https://www.tandfonline.com/loi/tjen20>



Proofig Demo - check subimages

Proofig AI

File Upload Contact us ?

Wen Yan 2020.pdf All pages Subimage Ignore area Submit 3 Subimages

58%

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

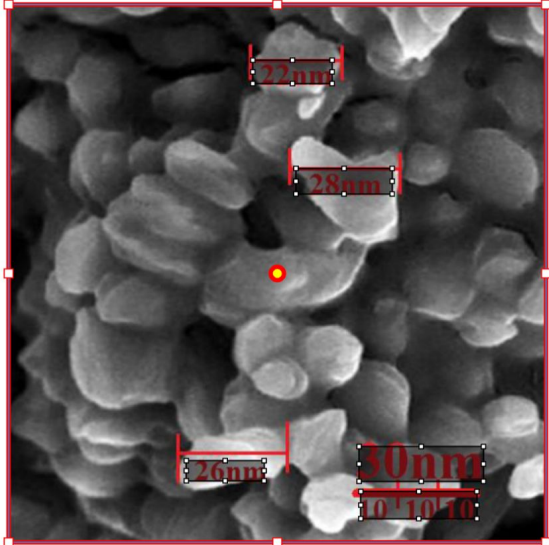


Figure 4. FE-SEM image of copper nanoparticles.

The screenshot shows the Proofig AI interface. The main content area displays a document page from 'JOURNAL OF EXPERIMENTAL NANOSCIENCE' with page number 287. The document contains an FE-SEM image of copper nanoparticles. The image is framed by a red border and has four red measurement boxes overlaid on it, indicating particle sizes: 22nm, 28nm, 26nm, and 30nm. A red dot is visible on the image. The interface includes a sidebar with navigation options like 'Reports', 'Subimage inspect', 'Page inspect', 'Clone inspect', 'My findings', 'My usage', 'My profile', and 'Recycle Bin'. The top navigation bar includes 'File Upload', 'Contact us', and a 'Submit 3 Subimages' button, which is highlighted with a red box and a red arrow pointing to it.

Proofig Demo - Analysis

The screenshot displays the Proofig AI web application interface. The top navigation bar includes the Proofig AI logo, a 'File Upload' button, a 'Contact us' button, and user profile icons. A sidebar on the left lists navigation options: 'To Do', 'MY ARTICLES', 'Reports', 'Subimage inspect', 'Page inspect' (marked as Beta), 'Clone inspect' (marked as Beta), 'My findings', 'My usage', 'My profile', and 'Recycle Bin'. The main content area features a central call-to-action: 'Use AI-Powered Analysis for your manuscript Image Checking' with an 'Upload your manuscript' button. Below this are three example categories: 'Microscopy Examples', 'Western Blot Examples', and 'FACS & Other Examples', each with a 'Review' button. At the bottom, a list of articles is shown. The first article, 'Wen Yan 2020.pdf', is in a 'Processing 50%' state, highlighted with a red box. The second article, 'shin2002.pdf', has a 'Select-Subimage' button highlighted with a red arrow.

Processing 50% Wen Yan 2020.pdf
pre-publication 29/05/2024, 17:05:46
3 Subimages

Select-Subimage shin2002.pdf
pre-publication 19/05/2024, 20:27:40
9 Subimages

Proofig Demo - Finding 1

Proofig AI

Wen Yan 2020.pdf

File Upload Contact us ?

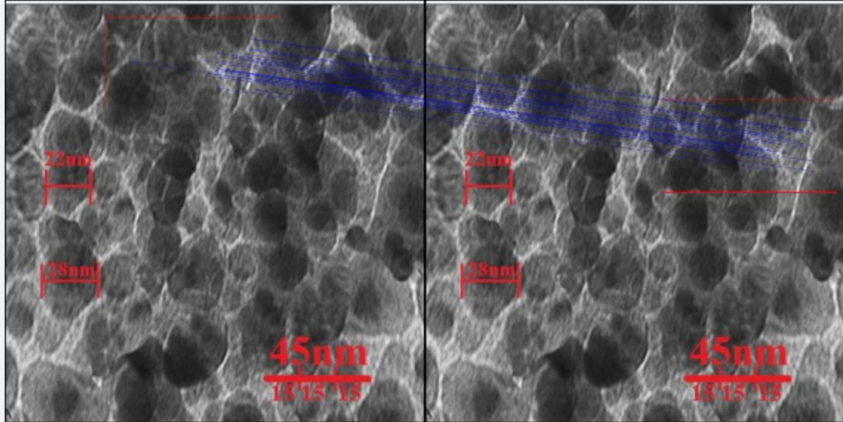
Prev match **Add to report** Next match

1/1

Generate Report 0 Suspected

Hide lines Color map: Filter: Enhance:

Flip: No, Scale: 100%, Rotation: 0°, Matches: 27
Note: Images realigned if flipped or rotated for straightforward comparison.



Comments: Add comments to report

Page #9

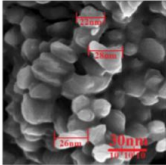


Figure 4. 15 000 magn of copper nanoparticles.

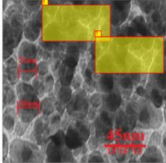


Figure 5. 1500 magn of copper nanoparticles.

alcohols and phenols; (II) 1623 cm⁻¹ (C=O group of carboxylic acid group); (III) 1703 cm⁻¹ (C=O stretching of carboxylic acid group); (IV) 1658 cm⁻¹ (C-OH vibrations of the protonated polyacetaldehyde) (4, 15, 22-26).

Proofig Demo - Finding 1

Proofig AI File Upload Contact us Generate Report 0 Suspected

Wen Yan 2020.pdf Prev match Add to report Next match 1/1

Hide lines Color map: Filter: Enhance:

Flip: No, Scale: 100%, Rotation: 0°, Matches: 27
Note: Images realigned if flipped or rotated for straightforward comparison.

Comments: Add comments to report

Page #9

alcohols and phenols; (II) 1623 cm⁻¹ (C=O group of carboxylic acid group); (III) 1303 cm⁻¹ (C-O stretching of carboxylic acid group); (IV) 1038 cm⁻¹ (C-OH vibrations of the protonated carboxylic acid) (4, 15, 22-26).

Proofig Demo - scanning report

29/05/2024, 17:13:48

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Scanning Report
for
Wen Yan 2020.pdf

Summary

Wen Yan 2020.pdf

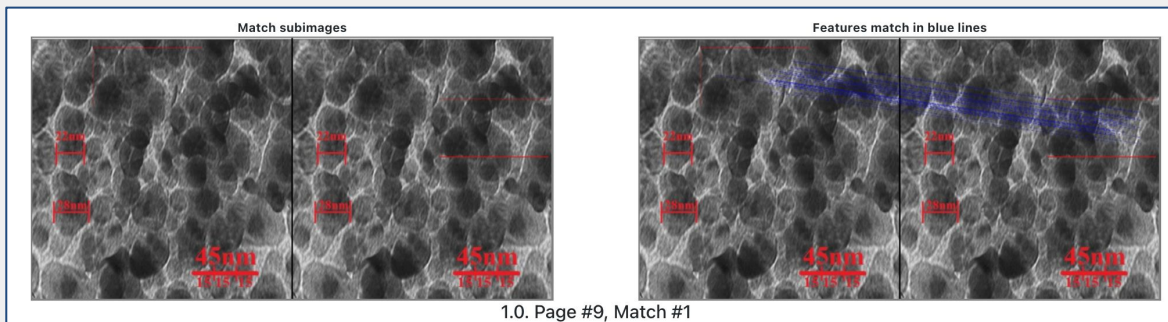
- Title
- Identifier
- Journal
- Authors
- Notes
- Total pages: 19 pages in file
- Total subimages: 3 subimages checked in file
- Total duplications or alterations: 1 subimages with suspected duplication or alteration issues in file.

The user generating the report has control over the subimages analysed, the types of issues to identify, and what suspected issues to manually ignore.

Duplication or alteration report

This section outline the following pages:

1. Page #9



Page #9

JOURNAL OF EXPERIMENTAL NANOSCIENCE 287

Figure 4. FE-SEM image of copper nanoparticles.

Figure 5. TEM image of copper nanoparticles.

alcohols and phenols); (II) 1623 cm^{-1} (C=O group of carboxylic acid group); (III) 1383 cm^{-1} (C=O stretching of carboxylic acid group); (IV) 1038 cm^{-1} (C-OH vibrations of the protein/polysaccharide) [4, 15, 22–26].

1. Figure: Page #9



ImaChek

Bringing Clarity to Research

ImaChek Demo - start screen

The screenshot displays the ImaChek application interface. The top left corner features the ImaChek logo and the text 'Recent Items'. The top right corner shows the user's name 'Elisabeth' and a profile icon. A search bar is located below the user information. The left sidebar contains navigation options: 'Upload File' (highlighted with a red box and an arrow), 'Recent Items', 'My Folder', 'Sample images', and 'Recycle Bin'. The main content area is titled 'Recently Viewed Items (18)' and contains a table of items. The table has columns for 'Case', 'Processed', and 'Actions'. Two items are listed:

Case	Processed	Actions
<input type="checkbox"/> Lin Lin 1-s2.0-S0196070919308610-main Fig 3CD File Type:PDF Data Source: Within Record ✓ Duplication (32) High (15) Medium (16) Low (1) ✓ Manipulation Analysis Processed Image (18)	ANALYSIS IS COMPLETE May 29, 2024 04 : 12 PM	Refresh, Share, View, Delete
<input type="checkbox"/> science.1058445 File Type:PDF Data Source: Within Record ✓ Duplication (0) ✓ Manipulation Analysis Processed Image (36)	ANALYSIS IS COMPLETE May 14, 2024 06 : 41 PM	Refresh, Share, View, Delete

ImaChek Demo - upload file

ImaChek Recent Items/ Upload File Elisabeth

Upload File

Upload File

Recent Items

Folders

My Folder

Sample images

Recycle Bin

Analysis / Repository Options

Analyze Images

Select the repository to analyze

Within Record

Personal Repository

Laboratory Repository

Institution Repository

Save to Personal Repository Only

Upload Information

Title *

Title

Author Name

First Name Last Name + Add Another Author

DOI

DOI

Description

Description

Select the Folder

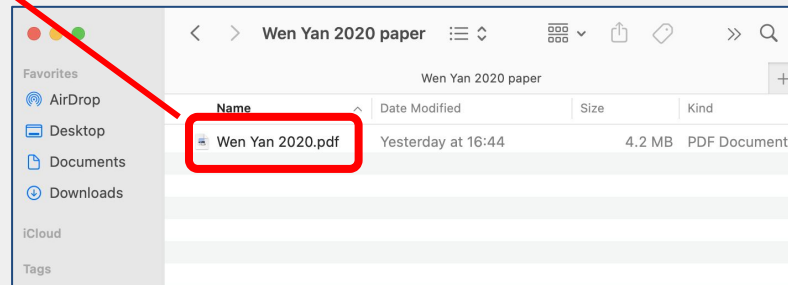
My Folder

Sample images


Upload Images

Support file upload for the following formats: PNG, JPG, JPEG, TIFF, ZIP, ...


Cancel Submit



ImaChek Demo - uploading file

ImaChek Recent Items/ Upload File Elisabeth 

Upload File



Recent Items

Folders

My Folder

Sample images

Recycle Bin

Analysis / Repository Options

Analyze Images

Select the repository to analyze

Within Record


Personal Repository

Laboratory Repository

Institution Repository

Save to Personal Repository Only

Upload Information

Title *
Wen Yan 2020 

Author Name [+ Add Another Author](#)

First Name Last Name

DOI
DOI

Description
Description


Select the Folder

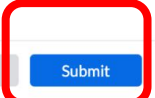
My Folder

Sample images


Upload Images

Support file upload for the following formats: PNG, JPG, JPEG, TIFF, ZIP, PDF.

 Wen Yan 2020.pdf 4.00 MB
21 % Done

Cancel 

ImaChek Demo - scanning

ImaChek Recent Items Elisabeth  [↗](#)

Upload File
 [Upload File](#)

[Recent Items](#)

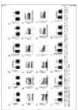

Folders
 [My Folder](#)
 [Sample images](#)
 [Recycle Bin](#)

Search.... [🔍](#)

Frequently Used Folders [+ New Folder](#)

[Sample images](#)

Recently Viewed Items (18) [↻](#) [⊕](#) [🗑️](#)

<input type="checkbox"/>	Case	Processed	Actions
<input type="checkbox"/>	 Lin Lin 1-s2.0-S0196070919308610-main Fig 3CD File Type:PDF Data Source: Within Record	ANALYZING May 29, 2024 04 : 12 PM	⊕ 🗑️
<input type="checkbox"/>	 science.1058445 File Type:PDF Data Source: Within Record ✓ Duplication (0) Manipulation Analysis ◆ Processed Image (36)	ANALYSIS IS COMPLETE May 14, 2024 06 : 41 PM	↻ ⊕ 👁️ 🗑️

ImaChek Demo - analysis done

The screenshot displays the ImaChek software interface. On the left is a sidebar with navigation options: Upload File, Recent Items, Folders, My Folder, Sample images, and Recycle Bin. The main area is titled 'Recent Items' and features a search bar, 'Frequently Used Folders' (containing 'Sample images'), and 'Recently Viewed Items (19)'. A table lists two items:

	Case	Processed	Actions
<input type="checkbox"/>	Wen Yan 2020 File Type: BI Data Source: Within Record Duplication (14) ◆ High (5) ◆ Medium (8) ◆ Low (1) Manipulation Analysis ◆ Processed Image (27)	ANALYSIS IS COMPLETE May 29, 2024 05 : 03 PM	
<input type="checkbox"/>	Lin Lin 1-s2.0-S0196070919308610-main Fig 3CD File Type: PDF Data Source: Within Record Duplication (32) ◆ High (15) ◆ Medium (16) ◆ Low (1) Manipulation Analysis ◆ Processed Image (18)	ANALYSIS IS COMPLETE May 29, 2024 04 : 12 PM	

A red arrow points to the 'Wen Yan 2020' item, and a red box highlights the 'Duplication (14)' and 'Manipulation Analysis' links.

ImaChek Demo - manipulation findings

Duplication (14) Manipulation Analysis (27)

Summary
Total 27 item(s)

Image Type
Gel (1) Others (26)

Filter Type
Contrast
Edge
Noise

Beautification (Imbalance)
0 / 27

Image Display Size
/ 250 px

No. 1 Hide Save Case

[Open The Image Viewer](#) / Beautification => Contrast Imbalance Percentage (Background: Yellow, Foreground: Orange): 88 %

Processed Image
Resolution: 1024 * 127

Beautification

contrast_1

contrast_2

contrast_3

contrast_4

contrast_5

edge_1

edge_2

edge_3

edge_4

edge_5

noise1_1

noise1_2

noise1_3

noise1_4

noise1_5

noise2_1

noise2_2

noise2_3

noise2_4

noise2_5

Hide Save Case

ImaChek Demo - duplication findings

Duplication (14) Manipulation Analysis (27) Download Full Report (13.10 MB)

Summary
Total 14 item(s)

Data Source
■ Within Record (14)
■ Others (14)

Image Type
■ Others (14)

Similarity
■ High (5)
■ Medium (8)
■ Low (1)

Advanced Filter
Color: / 94
Fingerprint: / 37
Features: / 0

No. 1 Hide Save Case **Within**

Target File

Original Image
Page: 12

Processed Image
Resolution: 31 * 598

High Similarity
Features: 131
Color: 95%
Fingerprint: 59%

Processed Image
Resolution: 29 * 574

Original Image
Page: 12

No. 2 Hide Save Case **Within**

Target File

Original Image
Page: 12

Processed Image
Resolution: 30 * 398

High Similarity
Features: 128
Color: 98%
Fingerprint: 48%

Processed Image
Resolution: 30 * 406

Original Image
Page: 12

ImaChek Demo - duplication findings

Duplication (14) Manipulation Analysis (27)

Download Full Report (13.10 MB)



Summary

Total 1 item(s)

Display Hidden Case(s)

Data Source

Within Record (14)

Image Type

Others (14)

Similarity

High (5)

Medium (8)

Low (1)

Advanced Filter

Color: / 94

Fingerprint: / 37

Features: / 0



No. 1

Hide



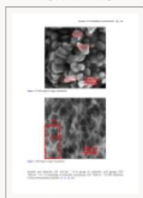
Save Case



Target File

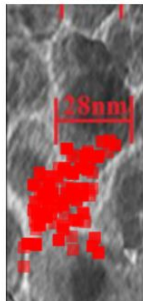
Within

Original Image



Page: 9

Processed Image



Resolution: 203 * 449

High Similarity

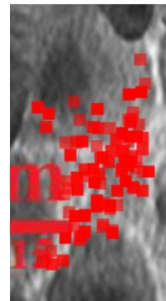
Features: 195



Color: 98%

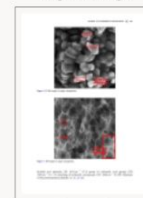
Fingerprint: 56%

Processed Image



Resolution: 169 * 315

Original Image



Page:9

ImaChek Demo - duplication report

ImaChek Report

Download Date: 2024-05-29
ID: eliesbik@imachek.com

RECORD SUMMARY

- Title: Wen Yan 2020
- Format: PDF
- Size: 8.33 MB
- Created Date: 2024-05-29
- Analysis Result: Saved 14 of 14 result(s)

Duplication Results

DETECTION LIST

No.	Target (file name)	Analysis type	Similarity	Source	Source (file name)
1	Wen Yan 2020.pdf	Similarity between two images	High	Within	Wen Yan 2020.pdf
2	Wen Yan 2020.pdf	Similarity between two images	High	Within	Wen Yan 2020.pdf
3	Wen Yan 2020.pdf	Similarity between two images	High	Within	Wen Yan 2020.pdf
4	Wen Yan 2020.pdf	Similarity between two images	High	Within	Wen Yan 2020.pdf
5	Wen Yan 2020.pdf	Similarity between two images	High	Within	Wen Yan 2020.pdf
6	Wen Yan 2020.pdf	Similarity between two images	Medium	Within	Wen Yan 2020.pdf
7	Wen Yan 2020.pdf	Similarity between two images	Medium	Within	Wen Yan 2020.pdf
8	Wen Yan 2020.pdf	Similarity between two images	Medium	Within	Wen Yan 2020.pdf
9	Wen Yan 2020.pdf	Similarity between two images	Medium	Within	Wen Yan 2020.pdf
10	Wen Yan 2020.pdf	Similarity between two images	Medium	Within	Wen Yan 2020.pdf

No. 1

Analysis type: Similarity between two images
Similarity: High Similarity
Data Source: Within Record
Color: 99% ; Fingerprint: 44% ; Features: 195

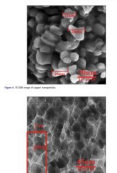
TARGET FILE

Figure: Wen Yan 2020.pdf
Title: Wen Yan 2020

WITHIN

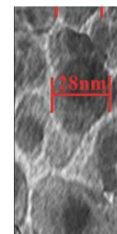
Figure: Wen Yan 2020.pdf
Title: Wen Yan 2020

Original Image



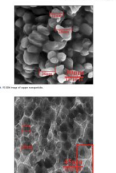
Page 9

Processed Image



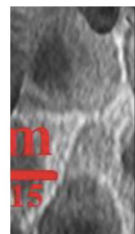
Resolution: 203 * 449

Original Image



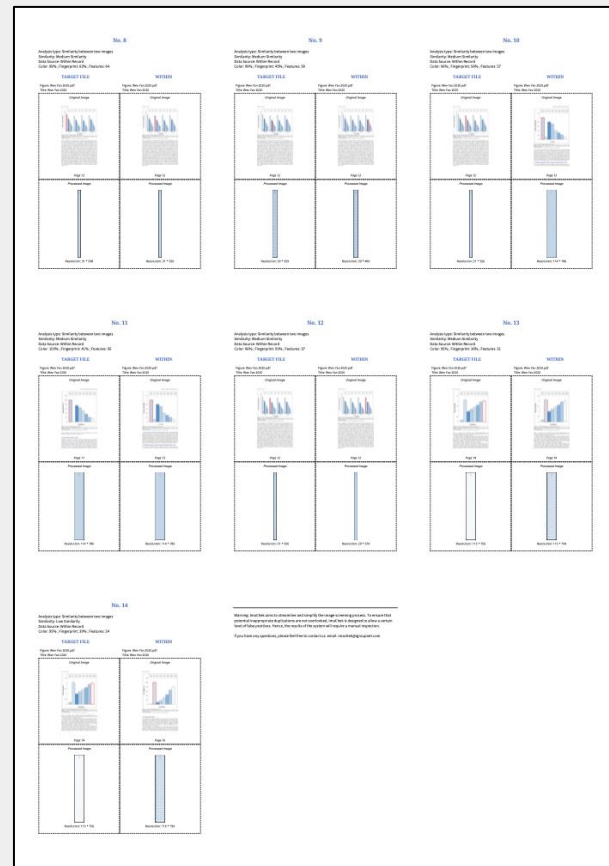
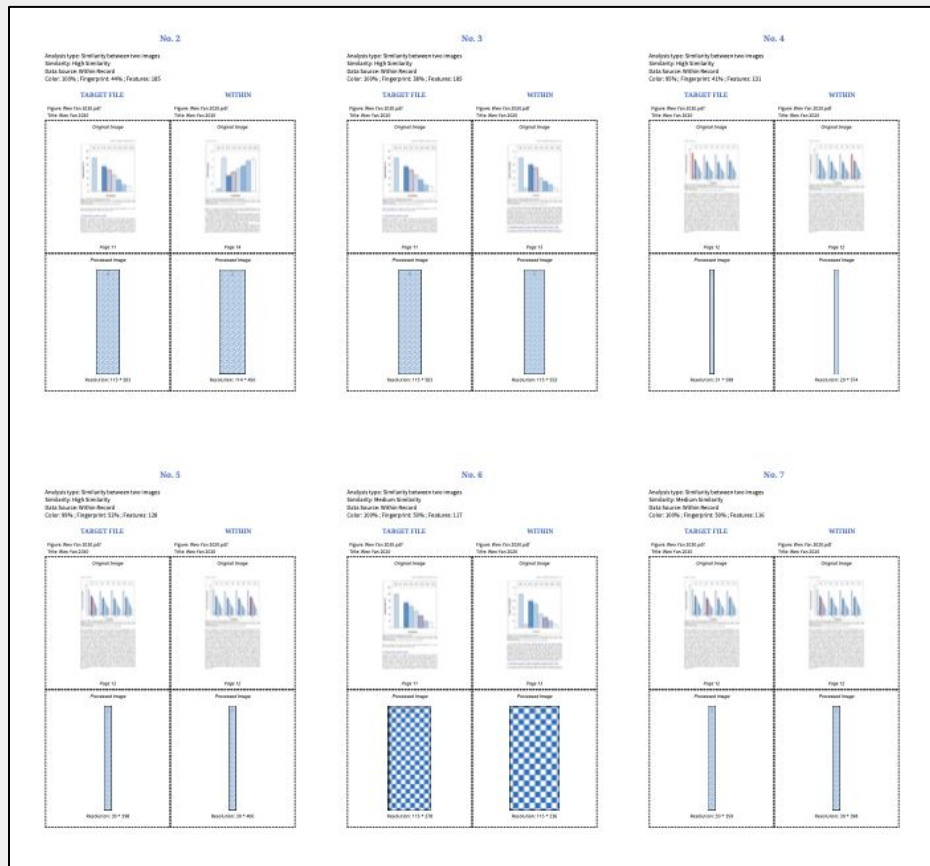
Page 9

Processed Image



Resolution: 169 * 315

ImaChek Demo - duplication report





FigCheck

FigCheck Demo - start screen

The screenshot displays the FigCheck start screen with a dark blue background and a starry pattern. At the top left is the FigCheck logo. The top right navigation bar includes links for SelfCheck, Instructions for use, Academic Integrity Initiative, Institutional API access, 中文, and elleelik@gmail.com.

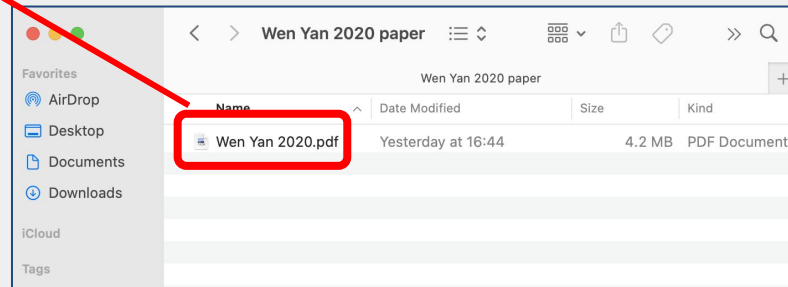
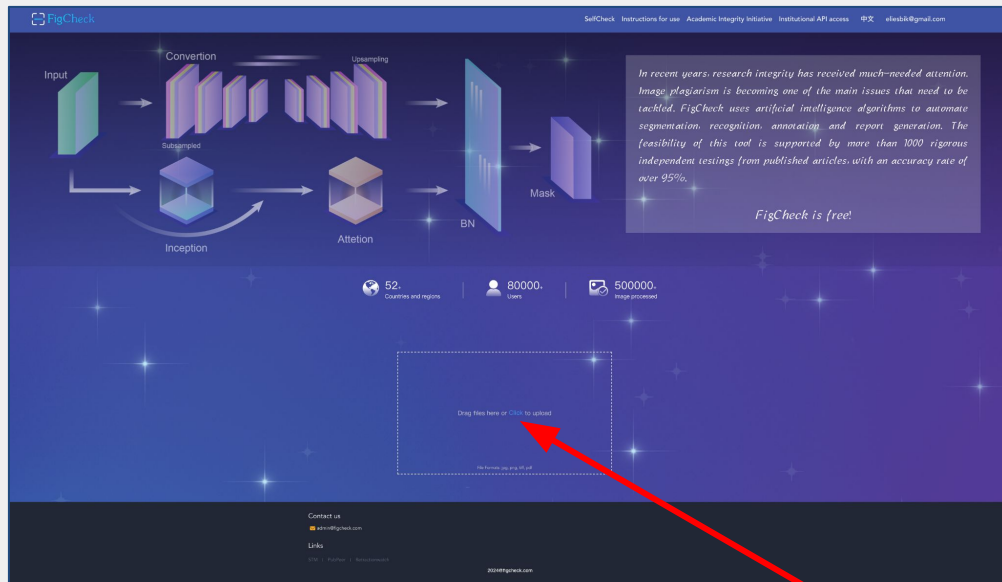
The central part of the screen features a diagram of a neural network architecture. It starts with an 'Input' block, which branches into two paths: one through 'Conversion' and 'Upsampling' blocks, and another through 'Subsampled' and 'Inception' blocks. Both paths converge into an 'Attention' block, followed by a 'BN' (Batch Normalization) block, and finally a 'Mask' block.

To the right of the diagram is a text box with the following text:
In recent years, research integrity has received much-needed attention. Image plagiarism is becoming one of the main issues that need to be tackled. FigCheck uses artificial intelligence algorithms to automate segmentation, recognition, annotation, and report generation. The feasibility of this tool is supported by more than 1000 rigorous independent testings from published articles, with an accuracy rate of over 95%.
FigCheck is free!

Below the diagram, three statistics are displayed: 52 Countries and regions, 80000 Users, and 500000 Image processed.

In the center, there is a dashed box for file upload with the text: 'Drag files here or Click to upload'. Below this box, a small file icon is shown with the name 'file format.jpg (91 KB)'. At the bottom left, there is a 'Contact us' section with an email icon and the address 'admin@figcheck.com', and a 'Links' section with a small globe icon and the text '2020 - FigCheck - Research'. At the bottom center, the year '2020@figcheck.com' is displayed.

FigCheck Demo - upload file



FigCheck Demo - start scan

The screenshot displays the FigCheck website interface. At the top, the navigation bar includes the FigCheck logo, 'SelfCheck', 'Instructions for use', 'Academic Integrity Initiative', 'Institutional API access', '中文', and 'eliesbik@gmail.com'. The main content area features a diagram of the AI pipeline: 'Input' leads to 'Conversion' (with 'Subsampled' below it), which then goes to 'Upsampling'. Below this, 'Inception' and 'Attention' blocks are shown, leading to 'BN' and finally 'Mask'. A text box on the right states: 'In recent years, research integrity has received much-needed attention. Image plagiarism is becoming one of the main issues that need to be tackled. FigCheck uses artificial intelligence algorithms to automate segmentation, recognition, annotation and report generation. The feasibility of this tool is supported by more than 1000 rigorous independent testings from published articles, with an accuracy rate of over 95%. FigCheck is free!'. Below the diagram, statistics are shown: '52+ Countries and regions', '80000+ Users', and '500000+ Image processed'. At the bottom, a dashed box contains a PDF icon labeled 'Wen Yan 2020...' and a 'Processing' button, which is highlighted with a red square and a red arrow pointing to it.

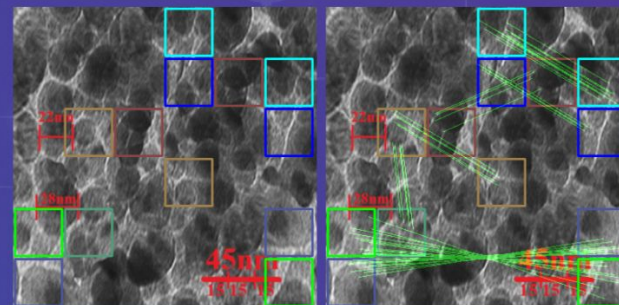
FigCheck Demo - Finding 1

Similar sources: (1/2)



Details:

Markers Clear vision PS traces



Tip: Although artificial intelligence algorithms greatly improve the efficiency in identifying images with duplications, the duplications linked by red lines as shown above do not always make sense, as there are some cases such as icons, fluorescence images (merge), scaled false-positive results, etc. Please interpret the results according to the actual situation. [Click to see "Result interpretation"](#).

Download Report

Uploaded:

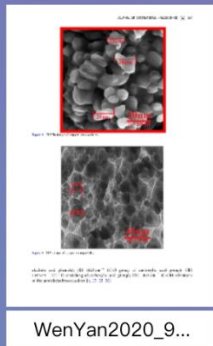
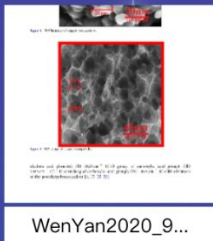


Wen ...

Re-upload

FigCheck Demo - Finding 2

Similar sources: (2/2)



Details:

Markers Clear vision PS traces



Tip: Although artificial intelligence algorithms greatly improve the efficiency in identifying images with duplications, the duplications linked by red lines as shown above do not always make sense, as there are some cases such as icons, fluorescence images (merge), scaled images or sporadic false-positive results, etc. Please interpret the results according to the actual situation. [Click to see "Result interpretation"](#).

Download Report

Uploaded:

Wen ...

Re-upload

