岡山大学
OKAYAMA UNIVERSITY

# Welcome to ARPACS Project

A Reference Paper Collection System - Open Access-based Journal API

# Open Access Paper Retrieval

Choose the API:

- ○ Semantic Scholar API
- ○ DOAJ API
- ○ PubMed API
- ◉ Multiple API Integration

Enter your query:

Tuberculosis Counting on Sputum Smear using  Deep Learning

## Enter up to 10 keywords for refining search:

Enter keywords:

Bacteria Quantification, Sputum Smear Microscopy, Occlusion Handling, Image Processing, Deep

Press enter to add more

Search

Searching for 'Tuberculosis Counting on Sputum Smear using Deep Learning' with keywords: ['Bacteria Quantification, Sputum Smear Microscopy, Occlusion Handling, Image Processing, Deep Learning']

Fetching data from multiple APIs...

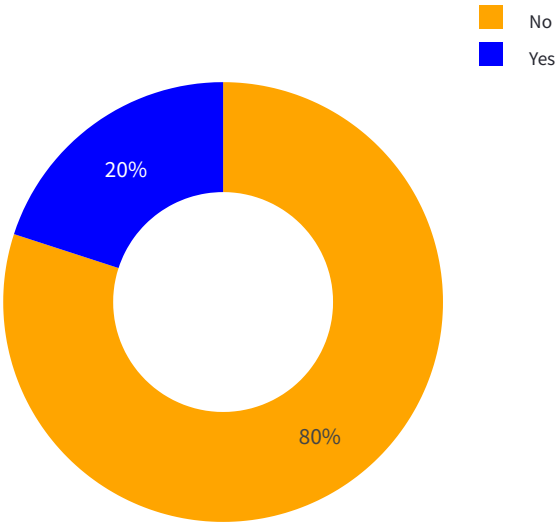
Data fetched in 7.73 seconds!

| | Paper Id | Title |
|---|---|---|
| 2 | 997f35f3235e1ed6070a7ea6125ff6e7fad5516c | Detection And Counting Bacilli Tuberculosis Images Using Cl |
| 1 | 61ddfc8fcef4c8ca86d10c0b32eb5e7685493151 | Artificial Intelligence Based Afb Microscopy For Pulmonary Tu |
| 0 | 129316cb6a75f9f4bccbd26ecae5645cbd294506 | Tuberculosis Bacteria Detection And Counting In Fluorescenc |
| 3 | 37023799 | A Systematic Review And Repeatability Study On The Use Of I |
| 4 | 35339515 | Computational Techniques For The Automated Detection Of I |

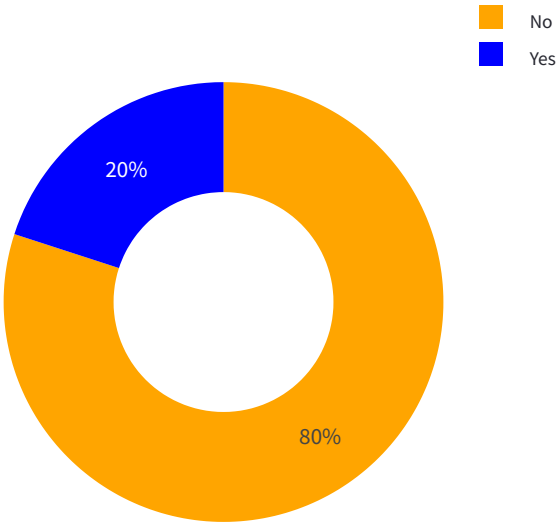
— Page 1 of 1 +

# Performance Metrics

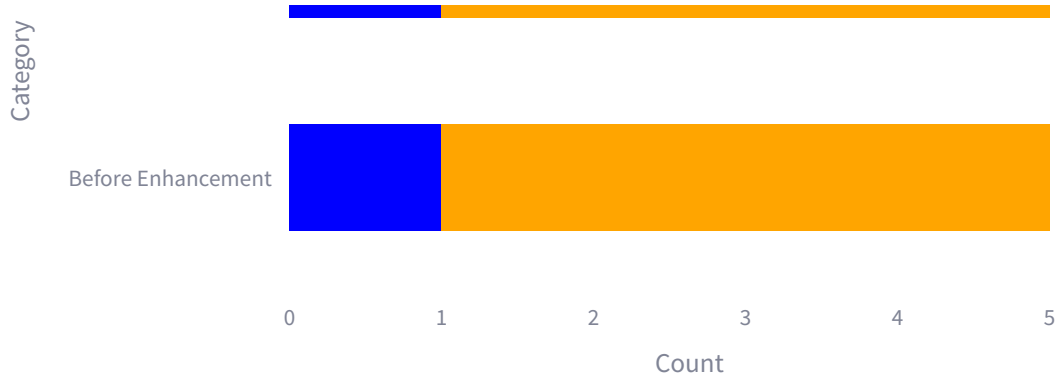
### Open Access Availability




### PDF Availability




### PDF Availability Before and After Enhancement




**Available PDF Files Before Enhancement:** 1 paper(s)

**Available PDF Files After Enhancement:** 1 paper(s)

**Successfully Collected:** 5 paper(s)

**Execution Time:** 7.74 seconds

**Initial Memory Usage:** 4100.84 MB

**Final Memory Usage:** 4102.71 MB

**Memory Used:** 1.87 MB

**CPU Usage:** 67.10% of 16 logical processors available (10.74 cores)

Download data as CSV

Developed by テルスナ・マウラナ・ファルディン