

OPEN SOURCE FOR YOU

ASSIGNMENT SERIES 112-CS4

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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INTRODUCTION

Many scholars and learners find themselves hindered by prohibitive expenses necessary for accessing resources, which stifles their contribution to the creation of high-caliber knowledge. Our scholarly work is built upon the groundwork laid by our predecessors; indeed, the core tenets of human understanding include mutual reliance, the gathering of wisdom, and cooperative effort. Without these fundamental elements, it would be nearly impossible for individuals within a community to develop and contribute meaningful academic work

ERIC

ERIC which stands for the Education Resources Information Center is basically an academic search engine that allows you to search for scholarly literature and research papers published across different peer-reviewed journals and academic periodicals. ERIC uses a rigorous vetting process to index research literature. ERIC offers a handy feature that enables you to filter your search by ‘Full text’ and ‘peer-review’ enabling to access and download research papers for free.

SPRINGER OPEN

- Springer Open offers an extensive collection of peer-reviewed scholarly articles across a diverse range of fields, encompassing the social sciences, humanities, natural sciences, technology, medicine, economics, and beyond. It is committed to publishing high-quality research and providing open access to it online at no cost.

- The platform allows for easy navigation of its journals, which can be explored by subject area or in alphabetical sequence. The breadth of subjects available includes but is not limited to history, physics, psychology, chemistry, computer science, life sciences, mathematics, geography, education, business, law, environmental studies, energy, and more.



ELSEVIER

Elsevier stands as a distinguished academic publisher, providing a wealth of open access materials for scholars, writers, and educational bodies. Boasting a collection of over 600 open access periodicals, Elsevier enables researchers to disseminate or consult peer-reviewed scholarly works. Utilize the website's built-in search feature to locate open access publications pertinent to your field of study. Navigate to the desired journal, peruse its volumes, and upon locating the article of interest, you have the option to download it in PDF form.

- **Global Impact:** Elsevier is a global leader in information and analytics, serving researchers and healthcare professionals to advance science and improve health outcomes.
- **Extensive Reach:** It operates in over 180 countries and regions, supporting academic and government institutions, top research and development-intensive corporations, healthcare institutions, and medical and nursing students.

- **Publishing Powerhouse:** As the world's leading scientific publisher, Elsevier publishes around 630,000 articles per year, which account for over 17% of global articles and 28% of global citations.
- **Advocacy for Quality and Integrity:** The company has been collaborating with the research community for over 140 years, ensuring that quality research is accessible, trusted, shared, and built upon



ELSEVIER

WIKIPEDIA

Wikipedia's ethos extends beyond just being a repository of information; it's a testament to the power of collective intelligence and community-driven knowledge sharing. While its model differs from traditional open-source software, its decentralized nature and transparent editing process align closely with the values of the open-source movement.

Furthermore, Wikipedia's commitment to a neutral point of view fosters an environment where diverse perspectives can coexist, enriching the depth and breadth of its content. This dedication to inclusivity and collaboration mirrors the collaborative spirit of open-source projects, where contributions from individuals of varying backgrounds and expertise are welcomed and valued.

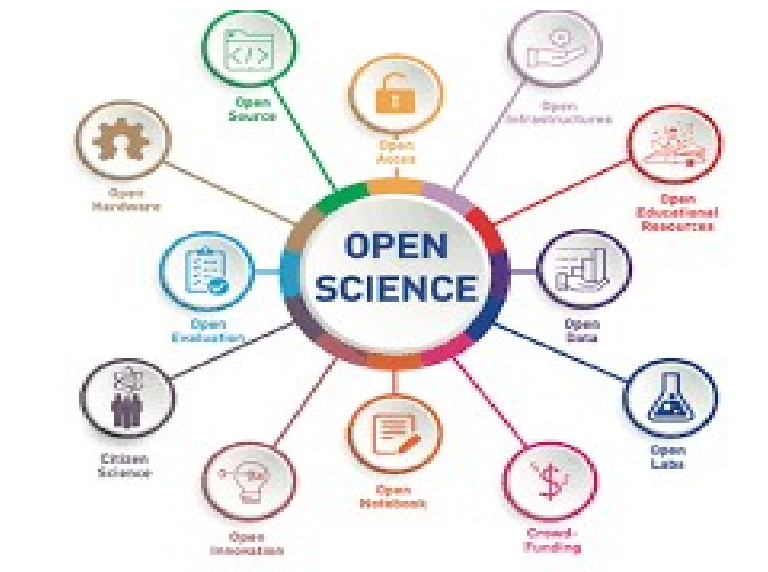
In essence, while Wikipedia may not fit the traditional mold of open-source software, its principles and practices resonate deeply with the ethos of openness, transparency, and collective effort that define the open-source community.



SCIENCE OPEN

Science Open serves as a comprehensive discovery platform catering to scholars and researchers, offering interactive features to enhance the academic experience. Boasting an extensive repository of scholarly content, Science Open houses over 80 million publications sourced from approximately 25,000 journals. A significant portion of this scholarly material is accessible through open access channels, facilitating unrestricted access to knowledge.

- To harness this wealth of open access scholarship, users can navigate to the Science Open website and utilize its search functionality. Upon arrival, they can input their search query into the main search box, prompting the platform to scour its vast database for relevant content. Once the search results populate, users can further refine their selection by clicking on the "Add filter" option.
- Within the filter menu, users can specifically opt for open access materials by selecting the corresponding checkbox. This action effectively narrows down the search results to include only those publications that are freely available for access. By hitting the "Search" button, users can then explore a curated list of scholarly works that are accessible without any paywalls or subscription requirements.



CONCLUSION

Open source is all about teamwork and sharing. It's like working together on a big puzzle where everyone can see the pieces and help put them in place. By embracing open source, we're not just building software or sharing information; we're creating a community where everyone can contribute and benefit. So, whether it's improving Wikipedia articles or accessing scholarly research on Science Open, open source is about making knowledge accessible to all and working together to make the world a little bit better

BIBLIOGRAPHY

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