



Hindawi

Phenom Publishing Platform

December 13, 2019



Andrew Smeall
Chief Product Officer
andrew.smeall@hindawi.com
@mynameissmeall

About Hindawi

We are an open access publisher of 220 journals across STEM and Medicine.

We published about 22,000 papers from authors in 180 countries, working with over 10,000 academic editors and 50,000 reviewers.

Our peer review challenge

Despite managing our own review platform, it wasn't flexible enough for our needs.

We wanted to:

- Experiment and iterate quickly
- Control the development roadmap
- Satisfy our open science priorities

The value of open infrastructure

Authors, societies, or funders should be locked-in to a publisher.

We're committed to Open Infrastructure Principles:

- Open Source
- Open Data
- Open Integrations
- Open Contracts

What is “Free” or “Open Source”?

“Free speech, not free beer.” -Richard Stallman

Not software that doesn't cost money to run.

Software where the underlying code is shared freely using a license that grants certain rights to the user.

Is open source “better” software?

Not necessarily.

Whether something is open doesn't define how it's built or what it can do.

It does mean you can judge the code quality for yourself.

Is it “better” for researchers?

Not really.

Most authors and editors don't care about publishing technology at all.

They care about user experience.

Is it “better” for developers?

Quite possibly!

Open source projects attract developers because they are:

- Rewarding!
- Inspiring!
- Fun!

Is it “better” for **technology buyers**?

Definitely!

Open source platforms are great for technology customers because:

- Vendor lock-in goes away
- You own your platform and your data
- You're protected from the unpredictable

Why Open Source for Hindawi? (1 of 3)

Open source aligns with our goals in multiple ways.

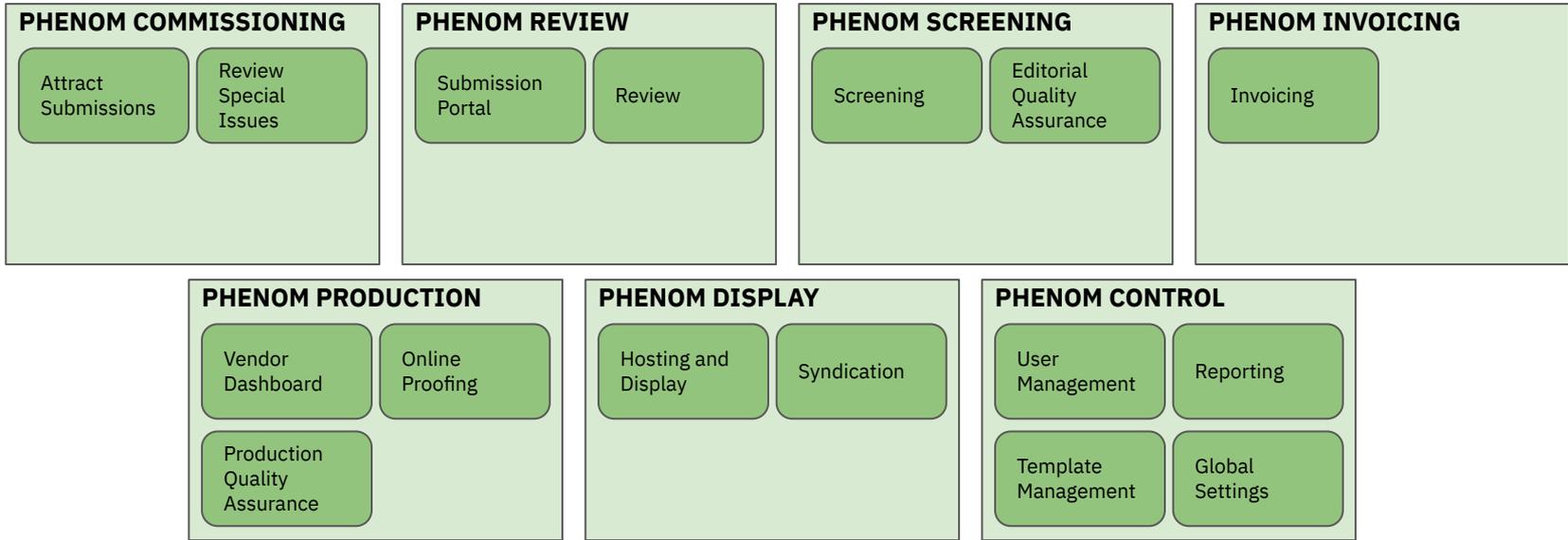
- Fulfill our mission
 - (a) Reach open science goals
 - (b) Preserve a vibrant, competitive publishing market
 - (c) Reduce barriers to interoperability

Why Open Source for Hindawi? (2 of 3)

- Attract customers for SaaS and Support services
 - (a) Make it easier to launch and run OA journals
 - (b) Keep customers through service, not lock in
 - (c) Improve the product through scrutiny and feedback

Why Open Source for Hindawi? (3 of 3)

- Reduce costs
 - (a) Reuse what's already there
 - (b) Reduce variation and complexity
 - (c) Collaborate to distribute costs
 - (d) Benefit from shared expertise
 - (e) Attract talented developers



Our plans for the future

What's on the roadmap?

- Supporting our full publishing program
- Data portability between systems
- Integrations with external services
- An end-to-end open stack
- Launching partners on the system

Manuscript Submission: Submit Your Manuscript

Please make sure your answer to each of the following questions is affirmative before continuing with the submission of your manuscript.

- Do you have the email addresses of all the co-authors of the manuscript?
- Do you have the manuscript file in Microsoft Word or Adobe PDF format with the tables and figures integrated in the manuscript body?
- Do you have the electronic files of any supplementary materials (e.g., datasets, images, audio, video) that you want to submit with the manuscript?
- Do you agree to the Hindawi Terms of Service?
- Are you aware that accepted manuscripts are subject to Article Processing Charges?
- Are you aware an ORCID ID is required for the corresponding author before your article can be published (if accepted)? The ORCID ID should be added via your user account.
- Are you aware that if your submission is covered by an institutional membership, Hindawi will share details of the manuscript with the administrator of the membership?

Please provide the names, titles, and affiliations of all the authors of this manuscript, in the order that they appear on the manuscript. In order to submit a manuscript, you must be one of the authors of the manuscript (i.e., your email editor@hindawi.com should be one of the emails supplied below).

Please select the number of authors (including yourself)

| First Name | Last Name | Email Address | Affiliation | Country | Corresponding Author |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| <input type="text"/> | <input type="radio"/> |
| <input type="text"/> | <input type="radio"/> |
| <input type="text"/> | <input type="radio"/> |

Manuscript Title:

Manuscript Type:

Manuscript File: No file chosen

Optional Cover Letter: No file chosen



Progress Saved
David Wu

1. Pre-submission Checklist
2. Manuscript & Author Details
3. File Upload

Manuscript & Authors Details

Please provide the details of all the authors of this manuscript, in the order that they appear on the manuscript.
Your details above have profiled access to other submitted manuscripts you may be one of the authors.

Manuscript Title*
Manuscript Type*

Reactive Oxygen Species, Oxidative Damage, and Antioxidative Defense Mechanism in Plants under Stressful Conditions Research Article

Abstract*

Reactive oxygen species (ROS) are produced as a normal product of plant cellular metabolism. Various environmental stresses lead to excessive production of ROS causing progressive oxidative damage and ultimately cell death. Despite their destructive activity, they are well-disciplined scavenger in variety of cellular processes, including confinement of responses to various environmental stresses. Whether ROS would cause a damaging intracellular or could cause oxidative damage to the tissues depends on the delicate equilibrium between ROS production, and their scavenging. Efficient scavenging of ROS produced during various environmental stresses requires the action of several nonenzymatic as well as enzymatic antioxidants present in the tissues. In this paper, we discuss the generation, sites of production and role of ROS as messenger molecules as well as inducers of oxidative damage. Further, the antioxidative defense mechanism operating in the cells for scavenging of ROS overproduced under various stressful conditions.

Authors + 400 Author
Journal Author Submission Guidelines

| Author | Corresponding | Email | First Name | Last Name | Affiliation | Country |
|-----------|-------------------------------------|----------------------|---------------|-----------|--------------------------------|---------|
| #1 Author | <input checked="" type="checkbox"/> | <input type="text"/> | Palash Sharma | Sharma | Mission University of Varanasi | India |
| #2 Author | <input type="checkbox"/> | <input type="text"/> | Arjun Shankar | Shankar | Mission University of Varanasi | India |

Is there a potential conflict of interest? Yes No

Manuscript Tracking System
John Smith [Update Account](#) [Logout](#)

Submit a Manuscript
Author Activities
Editor Activities

Editor Activities

| MS Number | Title & Authors | Additional Files | Status |
|----------------------------------|--|---|--------------|
| 2597071.v1 (Research Article) | H ∞ Control for T-S Fuzzy Singularity Perturbed Switched Systems Qianjin Wang, John Smith, Wei Dai, Xiaoping Ma, and Chaoyu Yang | <input type="button" value="Cover Letter"/> | Under Review |
| 9536025.v1 (Research Article) | Treatment Gaps Found In The Management Of Type 2 Diabetes At A Community Health Centre In Johannesburg, South Africa John Smith | | Under Review |
| 4535326.v1 (Research Article) | Effect of Acupuncture on FAK-PI3K signaling pathways in KOA rabbit articular cartilages Chang-Qing Guo, Zhan Guo Xie, Yan Guo, Jia ni Yu, John Smith, Rui Li Zhao, Shuai Zhou, Li Juan Wang, Wei Zhang, Juan Lu, and Jing Xu | <input type="button" value="Cover Letter"/> | Under Review |
| 9724217.v1 (Research Article) | Quercetin pretreatment attenuates hepatic ischemia reperfusion-induced apoptosis and autophagy by inhibiting ERK/NF- κ B pathway Chunyang Guo, Lwei Wu, Qing-Hui Zhang, Weiqi Dai, Sainan Li, Jiao Feng, Jingling Li, Tong Liu, Shizhan Xu, Wenwen Wang, Xiyu Lu, Qiang Yu, Jie Lu, Kam Chen, Yojing Xia, Yingjun Zhou, and Xiaoming Fan | <input type="button" value="Cover Letter"/> | Under Review |
| 4031463.v1 | Structure of hybrid interpolymeric complexes of polyvinyl alcohol and halides of second group elements | | Under Review |



Progress Saved
David Wu

Dashboard

Checker
Status
Date
Basic Report

Reactive Oxygen Species, Oxidative Damage, and Antioxidative Defense Mechanism in Plants under Stressful Conditions
Pending Approval

Palash Sharma, Arjun Shankar, Arun K Sharma, Shaiker Dabir, Mohammod Purohazil

#108808 Submitted on 01/12/17 Review Article Evidence-Based Complementary and Alternative Medicine Science Citation Index Expanded

Handling Editor: Jonathan Mike Morris Review Reports: 10 invited, 5 accepted, 5 declined, 5 submitted

Antibacterial, Antioxidant Activity of Ethanolic Plant Extracts of Some Convolvulus Species and Their DART-MS Profiling
Assign

Arjun A Al-Hak, Ahmad Anas, Turfan Al-Wahsh, Sarah M. Wabshan, Zaid A. Al-Othman, A. Yacine Badjan-Hadj-Almerai

#108810 Submitted on 01/12/17 Research Article Journal of Botany

Handling Editor: Unassigned

On the Output Controllability of Positive Discrete Linear Delay Systems
No Response

Palash Sharma, Arjun Shankar, Arun K Sharma, Shaiker Dabir, Mohammod Purohazil, Karan Arora, Purna Wijayadatta Jagjitkumar Lakshmi Kumar, Donalagouda Muddebun, and Chitra...

#108810 Submitted on 01/12/17 Research Article Journal of Botany

Handling Editor: Jonathan Mike Morris Review Reports: Invited

Manuscript Tracking System
John Smith [Update Account](#) [Logout](#)

Submit a Manuscript
Author Activities
Editor Activities

9765843.v1 (Research Article)

| | |
|-------------------|--|
| Title | Use of Limiting Dilution Method for Isolation of Nucleus Pulposus Mesenchymal Stem Cells (NPMSCs) and Effects of Plating Density on Biological Characteristics and Proliferation |
| Journal | BioMed Research International |
| Subject Area | Orthopedics |
| Issue | Regular |
| Additional Files | <input type="button" value="Cover Letter"/> |
| Manuscript Number | 9765843 (Research Article) |
| Submitted On | 2017-02-14 |
| Author(s) | Linghan Lin, Yechao Zhao, Zhiwei Jia, Yuehong Wu, Xi-Yan Zhao, Yong Li, Ziming Guo, Jiahai Chen, Shi Cheng, Deli Wang, John Smith |
| Editor | Arun K. Sharma |
| Status | Major Review Required |

| No. | Reviewer | Request Date | Reviewer Decision | Report Date | Recommendation | Review Report |
|-----|----------|--------------|-------------------|-------------|----------------|---------------|
| #1 | A Ichiro | | Declined | | | |



Progress Saved
David Wu

Dashboard
Updated on 11/03/2017
Version 3

Reactive Oxygen Species, Oxidative Damage, and Antioxidative Defense Mechanism in Plants under Stressful Conditions

Palash Sharma, Arjun Shankar, Arun K Sharma, Shaiker Dabir, Mohammod Purohazil

#108808 Submitted on 01/12/17 Review Article Evidence-Based Complementary and Alternative Medicine Science Citation Index Expanded

Editor in Chief: David Wu Handling Editor: Jonathan Mike Morris

Abstract

Conflict of Interest

"There is no better than cure" Well said and well understood! But there are certain types of headaches, which are part and parcel of you by birth. Such headache is one of them, unfortunately. Many of you also have this, which can not be cured, must be endured! You can control it, reduce its impact. Can it be ever eradicated? The answer is in the negative, as far as the present day medical research can take you.

In short, obviously you have the headache, but every headache is not equal! Some are most damage problems are the cause of headache, mostly to not that you have pain in the sinus area and you need to consider that you have a sinus disorder. When the nasal passage and sinus are inflamed it can result in a severe headache. In such disorder, sinus, the intensity of headache varies with the severity of the sinus. Sinus patients complain about many other problems.

Main Manuscript

Manuscript_9765843_v1_10017.pdf 340 KB

Supplementary Files

Supporting photography.pdf 93 KB

Cover Letter

Cover letter.docx 134 KB

Reviewer Details
10 invited, 8 accepted, 8 declined, 3 submitted

| Reviewer Details | Reviewer Reports | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--------------|--------------|--------------|-------------------------|------------|------------|----------|----------------------------|------------|------------|----------|--------------------------|------------|------------|----------|--------------------------|------------|------------|----------|--------------------------|------------|------------|----------|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Full Name</th> <th>Invited on</th> <th>Responded on</th> <th>Submitted on</th> </tr> </thead> <tbody> <tr> <td>Kenny Mathan Reviewer 1</td> <td>23/11/2017</td> <td>01/12/2017</td> <td>accepted</td> </tr> <tr> <td>JAMES ZIMMERMAN Reviewer 2</td> <td>23/11/2017</td> <td>01/12/2017</td> <td>accepted</td> </tr> <tr> <td>Muhammad Saif Reviewer 3</td> <td>23/11/2017</td> <td>01/12/2017</td> <td>accepted</td> </tr> <tr> <td>Roshan Sharma Reviewer 4</td> <td>23/11/2017</td> <td>01/12/2017</td> <td>accepted</td> </tr> <tr> <td>Brett Carlson Reviewer 5</td> <td>23/11/2017</td> <td>01/12/2017</td> <td>accepted</td> </tr> </tbody> </table> | Full Name | Invited on | Responded on | Submitted on | Kenny Mathan Reviewer 1 | 23/11/2017 | 01/12/2017 | accepted | JAMES ZIMMERMAN Reviewer 2 | 23/11/2017 | 01/12/2017 | accepted | Muhammad Saif Reviewer 3 | 23/11/2017 | 01/12/2017 | accepted | Roshan Sharma Reviewer 4 | 23/11/2017 | 01/12/2017 | accepted | Brett Carlson Reviewer 5 | 23/11/2017 | 01/12/2017 | accepted | |
| Full Name | Invited on | Responded on | Submitted on | | | | | | | | | | | | | | | | | | | | | | |
| Kenny Mathan Reviewer 1 | 23/11/2017 | 01/12/2017 | accepted | | | | | | | | | | | | | | | | | | | | | | |
| JAMES ZIMMERMAN Reviewer 2 | 23/11/2017 | 01/12/2017 | accepted | | | | | | | | | | | | | | | | | | | | | | |
| Muhammad Saif Reviewer 3 | 23/11/2017 | 01/12/2017 | accepted | | | | | | | | | | | | | | | | | | | | | | |
| Roshan Sharma Reviewer 4 | 23/11/2017 | 01/12/2017 | accepted | | | | | | | | | | | | | | | | | | | | | | |
| Brett Carlson Reviewer 5 | 23/11/2017 | 01/12/2017 | accepted | | | | | | | | | | | | | | | | | | | | | | |

Thank you!

Come see the code for yourself!

<https://gitlab.com/hindawi/>

Or get in touch with questions!

andrew.smeall@hindawi.com