

Editorial

Welcome to the Newly Launched Journal: Global Materials Research

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Materials science is a multidisciplinary domain of paramount significance across numerous scientific and engineering disciplines. Its purview encompasses a vast spectrum of length scales, spanning from the atomic and molecular dimensions to the macroscopic realm. As such, materials science stands as a pivotal foundation underpinning technological progress and innovation.

The rapid pace of advancements in materials science has engendered a substantial increase in research output, underscoring the imperative requirement for effective platforms dedicated to the sharing and dissemination of this wealth of knowledge. While the field has witnessed the proliferation of specialized journals and publications, a palpable demand persists for more accessible and cost-effective platforms that facilitate scientists in sharing their research endeavors.

In response to this demand, a multitude of initiatives and platforms have been developed to facilitate the dissemination of materials science research. In recent years, umpteen open-access journals have emerged, significantly broadening the accessibility of research to a diverse and global audience. These journals frequently offer a cost-effective avenue for researchers to publish their work and, concurrently, provide unimpeded access to this research for others. Platforms such as arXiv and bioRxiv serve as invaluable mediums for researchers, allowing them to disseminate their work prior to undergoing formal peer review and expediting the dissemination of important findings. Collaborative Online Platforms, including websites, forums, and social media networks, play a pivotal role in facilitating knowledge exchange and global collaboration among scientists. ResearchGate and LinkedIn also exemplify noteworthy platforms that serve this purpose. Moreover, a considerable number of academic institutions have established repositories dedicated to the archival and dissemination of their researchers' scholarly contributions. These repositories embrace the principles of open access, ensuring unfettered access to their contents. Notably, governmental agencies and organizations are increasingly committing resources to support initiatives that enhance the accessibility of scientific research. These multifaceted endeavors possibly include bolstering open-access publication, fostering data sharing, and advancing collaborative platforms, collectively contributing to the accessibility and impact of scientific knowledge.

We are pleased to expound upon the mission and purview of the Global Materials Research journal. The journal, characterized by its expansive and interdisciplinary orientation, is dedicated to the realm of materials research, encompassing a diverse array of materials and their applications. The following are salient highlights pertaining to this journal:

Scope: The journal encompasses a wide range of materials, comprising metals, ceramics, polymers, nanomaterials, and biological materials. It also embraces a diverse spectrum of materials research facets, ranging from structural and property analysis to processing methodologies and practical applications.

Interdisciplinary Approach: The journal ardently promotes interdisciplinary research, underscoring the pivotal role of materials in diverse domains, including but not limited to renewable energy, environmental science, medicine, and information technology.

Peer-Reviewed and Open Access: As a peer-reviewed and open-access journal, it is paramount to underscore that all research disseminated within the journal undergoes meticulous scrutiny, thus ensuring its academic rigor and quality. Furthermore, the open-access nature of the journal guarantees that this research is readily and freely accessible to the worldwide scientific community.

Diverse Applications: The journal acknowledges the diverse applications of materials in catalysis, electronics, sensors, energy storage, environmental science, medicine, information technology, nuclear materials, etc.

Innovation and Progress: The journal's core objective is to catalyze innovation and facilitate progress within the realm of materials research by providing a platform for researchers to disseminate novel perspectives and significant achievements.

Global Engagement: The journal aims to function as a worldwide resource, catering to scientists, researchers, and students alike. This mission is accomplished through the online accessibility of scientific work, thereby promoting effective communication and fostering collaboration among experts within the field.

Editorial Board: The journal is currently in the active pursuit of accomplished and proficient researchers and experts to augment its Editorial Board, thereby manifesting a resolute dedication to upholding and preserving elevated scientific standards.

In summary, the Global Materials Research journal has a strong commitment to advancing materials research, championing sustainability, and facilitating social development through rigorous scientific inquiry. Our overarching ambition is to position it as an invaluable resource, not only for the materials science community but also for a broader audience. Researchers engaged in materials science and relevant fields will discern in this journal a prolific platform for the dissemination of their scholarly endeavors and an indispensable conduit for remaining apprised of the most recent developments within the field.

Conflicts of Interest: The authors declare no conflict of interest.

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