



OMICS GROUP

- OMICS Group International through its Open Access Initiative is committed to make genuine and reliable contributions to the scientific community. OMICS Group hosts over **400** leading-edge peer reviewed Open Access Journals and organizes over **300** International Conferences annually all over the world. OMICS Publishing Group journals have over **3 million** readers and the fame and success of the same can be attributed to the strong editorial board which contains over **30000** eminent personalities that ensure a rapid, quality and quick review process. OMICS Group signed an agreement with more than **1000** International Societies to make healthcare information Open Access.



OMICS Journals are welcoming Submissions

- OMICS Group welcomes submissions that are original and technically so as to serve both the developing world and developed countries in the best possible way.
- OMICS Journals are poised in excellence by publishing high quality research. OMICS Group follows an Editorial Manager® System peer review process and boasts of a strong and active editorial board.
- Editors and reviewers are experts in their field and provide anonymous, unbiased and detailed reviews of all submissions.
- The journal gives the options of multiple language translations for all the articles and all archived articles are available in HTML, XML, PDF and audio formats. Also, all the published articles are archived in repositories and indexing services like DOAJ, CAS, Google Scholar, Scientific Commons, Index Copernicus, EBSCO, HINARI and GALE.
- For more details please visit our website:
<http://omicsonline.org/Submitmanuscript.php>



Powder Metallurgy & Mining

Assoc. Prof. Jie Zhou

Research Interest

Metallic biomaterials

Biodegradable and permanent implant materials for orthopaedic, dental and vascular applications as well as for bone tissue engineering

- Alloy and composite design
- Fabrication technology
- Microstructure characterization
- Biomechanical/tribological testing
- In vitro and in vivo performance evaluation

Powder Metallurgy

- Powder fabrication
- Powder characterization
- Powder compaction
- Powder sintering
- Full-density processing
- Spray deposition
- Powder injection moulding

Additive manufacturing

- Selective laser sintering
- Selective laser melting
 - Pre-alloyed/blended/composite powders
 - Geometrical/dimensional/surface control
 - Microstructural development
 - Residual stress evolution
 - Performance evaluation

Metal forming

- Light metals/metal matrix composites
- Formability assessment
- Microstructure development during
 - Extrusion
 - Drawing
 - Rolling
- Defect diagnosis and prevention

Powder Metallurgy & Mining Related Journals

- Journal of Chemical Engineering & Process
Technology
- Journal of Material Sciences & Engineering
- Journal of Nanomaterials & Molecular
Nanotechnology

Powder Metallurgy & Mining Related Conferences

- [4th International Conference and Exhibition on Material Science and Engineering 2015, Florida, USA](#)

OMICS Group Open Access Membership

- OMICS publishing Group Open Access Membership enables academic and research institutions, funders and corporations to actively encourage open access in scholarly communication and the dissemination of research published by their authors.
- For more details and benefits, click on the link below:
- <http://omicsonline.org/membership.php>

Thank you