Call for review articles

Environmental Chemistry for a Sustainable World

http://www.springer.com/series/11480

Nanotoxicology and Nanoeocotoxicology

Vineet Kumar, Praveen Guleria, Shivendu Ranjan, Nandita Dasgupta and Eric Lichtfouse, Editors

INSTRUCTIONS TO AUTHORS

About Environmental Chemistry for a Sustainable World
Environmental Chemistry for a Sustainable World (ECSW) is a series published by Springer Nature since 2012 and available at http://www.springer.com/series/11480. Metrics of chapter downloads are available on volume websites; for instance the download number of volume 1 chapters is 11,546 on November 29, 2016. Springer Nature is one of the world’s leading global created in May 2015 through the combination of Nature Publishing Group, Palgrave Macmillan, Macmillan Education and Springer Science+Business Media.

Submission
The submission deadline is August 1st, 2018
Articles should be submitted in pdf to Shivendu Ranjan at shivenduranjan@gmail.com. The manuscript must be accompanied by a cover letter containing a list of six suggested reviewers including title, name, postal address and e-mail address. Samples of published chapters are available upon request.

Selection
The Editors and external peer-reviewers will evaluate manuscripts. The actual rejection rate is 30%. Only manuscripts of very high quality will be accepted.

Publication
The book will be published in 2018. Authors will then be offered the option to publish an abridged version in the journal Environmental Chemistry Letters, of 2.918 impact factor.

Aims and topics
We invite scientists to write high quality literature reviews on theory, waste water management, applications and fate of nanotechnology in clean water. Topics include, but are not limited to the applications of nanotechnology in:

1. Introduction, principles and concepts
2. Nanomaterials causing cellular toxicicy and genotoxicity
3. Nanotoxicity on microbes
4. Nano-phyto-toxicology
5. Nanoeocotoxicity: aquatic, aerial, and terrestrial toxicity
6. Impact of nanomaterials on the food chain
7. Bioaccumulation, biomagnification and biotransformation of nanomaterials
8. Nanomaterials and human health
9. Techniques, methods, procedures and protocols
10. In silico and computational nanotoxicology
11. Risk assessment and management of nanomaterials
12. Nanoethics and education
13. Nanosensors and nanotoxicology
14. Regulations and strategies for nanotoxicity and nanecotoxicity management

Articles

ECSW publishes review articles analyzing the critical points of current knowledge including substantive findings as well as theoretical and methodological contributions to a particular topic. Literature reviews are secondary sources, and as such, report no or very few original work.

General guidelines


Sections

Article sections should be: Title, Authors, Author postal and e-mail addresses, Abstract, Keywords (10), Contents (list of sections), 1. Introduction, 2. Section title, 3. Section title, 3.1 Subsection title... X. Conclusion, Acknowledgements, References.

Abstract

The abstract should be readable by a wide audience, e.g. students, policymakers and the public. The abstract should contain two sections: 1) Background/issues: this section should explain actual issues related to the topic in about 5 sentences, and 2) Major advances: this section of about 5 sentences, starting by e.g. ‘Here we review... The major points are:...’, should list the major trends and findings deduced by literature analysis in each section of the article.

Text

The body text should be written in paragraphs of about 3-8 sentences. Please avoid the overuse of abbreviations. Expressions and sentences in parenthesis should be avoided.

Figures

Articles must include well-thought figures such as graphs, schemes, tables, and colour photos, e.g. one figure per section. Figure captions should include 2-3 sentences explaining the trends and their significance. Figures should indeed be understandable without reading the main text. Abbreviations in figures must be explained at the end of corresponding captions.

References

The article should include more than 50 references. References to web addresses are not accepted, unless proven stable. Reference citation in the text: Smith (2006), Smith and Brown (2005), Smith et al. (2004). References should preferably be placed at the end of sentences. References in the list should include the DOI to increase article impact through links. Please note that a major cause of publication delay is due to reference errors, e.g. references in text absent in list, references in list absent in text, references not in the format and errors in numbers (years, volume, pages).
About the Editors

Vineet Kumar
Vineet Kumar is currently working as Assistant Professor in the Department of Biotechnology, DAV University, Jalandhar, Punjab, India. Previously he was UGC-Dr DSK postdoctoral fellow (2013-2016) at the Department of Chemistry and Centre for Advanced Studies in Chemistry (CAS), Panjab University, Chandigarh, U.T., India. He has worked in different area of biotechnology and nanotechnology in various institutes and universities namely, CSIR-Institute of Microbial Technology, Chandigarh, U.T., India, CSIR-Institute of Himalayan Bioresource Technology, Palampur, H.P. India and Himachal Pradesh University, Shimla, H.P. India. His areas of interest include green synthesis of nanoparticles, nanotoxicity testing of nanoparticles and application of nanoparticles in drug delivery, food technology, sensing, dye degradation and catalysis. He has published many articles in these areas featuring in peer-reviewed journals. He is also serving as editorial board member and reviewer for international peer reviewed journals. He has received various awards like senior research fellowship, best poster award and postdoctoral fellowship etc. He is currently in the final stage of editing a book for CRC, Taylor & Francis Group.

Praveen Guleria
Praveen Guleria is presently working as Assistant Professor in the Department of Biotechnology at DAV University, Jalandhar, Punjab, India. She has worked in the areas of Plant Biotechnology, Plant Metabolic Engineering and Plant Stress Biology at CSIR- Institute of Himalayan Bioresource Technology, Palampur, H.P. India.

Her research interests include plant stress biology, plant small RNA Biology, plant epigenomics and nanotoxicity. She has published several research articles in various peer-reviewed journals. She is also serving as the editorial board member and reviewer for certain international peer reviewed journals. She has been awarded the SERB- Start Up Grant by DST, GOI. She has also been awarded the prestigious “Bharat Gaurav Award” in 2016 by the India International Friendship Society, New Delhi. She has also received various awards like CSIR/ ICMR- Junior research Fellowship, CSIR- Senior research fellowship, State level merit scholarship awards.
Shivendu Ranjan

Shivendu Ranjan is currently working as DBT-Research Fellow, Department of Biotechnology, Ministry of Science and Technology, Govt of India at VIT University, Vellore, Tamil Nadu, India. He is also serving for a non-government organization as an Honorary-Director, Research Wing, Veer Kunwar Singh Memorial Trust, Chapra, Bihar, India. He is the Founder-Director at Xpert Arena Technological Services Pvt. Ltd., India (www.xpertarena.com); this company is dedicated to serve in online and offline sectors with a vision to simplify the education. He has also founded and drafted the concept for first edition of “VIT Bio Summit” in 2012 and the same has been continued till date by the university.

His areas of research are multidisciplinary, which are as but not limited to: Nano-food technology, Nano-agri technology, Nanobiotechnology, Nano-toxicology, Natural products technology, Natural products chemistry, Food chemistry and Food Engineering. He has published many scientific articles in international peer reviewed journals. He also has published many books and has authored many book chapters. He is serving as Associate Editor in Environmental Chemistry Letters (Springer Journal with 2.91 Impact Factor); also serving as editorial board member and referee for many other international peer reviewed journals. He has bagged several awards from different organizations e.g. Best poster award, achiever award, research award and young researcher award.

Nandita Dasgupta

Nandita Dasgupta is currently serving as Research Associate at VIT University, Vellore, Tamil Nadu, India. She has exposure of research institutes and industries including CSIR-Central Food Technological Research Institute, Mysore, India and Uttar Pradesh Drugs and Pharmaceutical Co. Ltd., Lucknow, India. Her areas of interest include toxicological analysis, natural products technology, nanobiotechnology and agri-food technology.

She has published many books and has authored many chapters. She has also published many scientific articles in international peer reviewed journals and also serving as editorial board member and referee for reputed international peer reviewed journals. She has received Elsevier Certificate for “Outstanding Contribution” in Reviewing from Elsevier, The Netherlands. She has also been
nominated for Elsevier advisory panel for Elsevier, The Netherlands. She is the Associated Editor in Environmental Chemistry Letters – a Springer journal of 2.9 Impact Factor. She has received several awards from different organizations e.g. best poster award, young researcher award, special achiever award, and research award.

Eric Lichtfouse

Eric Lichtfouse, 56, soil biogeochemist at the French National Institute for Agricultural Research, is the author of the book Scientific Writing for Impact Factor Journals, which include an innovative writing tool: the Micro-Article. He has invented a molecular $^{13}$C-dating method allowing to measure the dynamics of soil organic compounds. He is Chief Editor of the journal Environmental Chemistry Letters, the book series Sustainable Agriculture Reviews and Environmental Chemistry for a Sustainable World, and the magazine Publier La Science. One of his journal received the highest citation award from Essential Science Indicators.
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