Call for review articles

Environmental Chemistry for a Sustainable World

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Green Nanotechnology

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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 June 1st, 2018
Articles should be submitted in pdf to Dr. Vineet Kumar at vineetkumar22@gmail.com. The manuscript must be accompanied by a cover letter containing a list of six suggested, international 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 more than 30%. Only manuscripts of very high quality will be accepted.

Publication
The book will be published in 2019. Authors will then be offered the option to publish an abridged version in the journal Environmental Chemistry Letters, of 3.594 impact factor.

Aims and topics
We invite researchers and scientists to write high quality literature reviews on concepts, principles and applications of green chemistry principles to produce nanomaterial for various applications. The book aims to understand green chemistry mediated synthesis of various nanomaterials and nanocomposite either to improve existing applications or to create some novel applications.
Potential topics include, but are not limited to:
1. Mechanism of green chemistry based preparation of nanomaterials
2. Impact of green chemistry on properties of nanomaterials
3. Applications of green nanomaterials:
   - Green nanotechnology for cargo delivery (drug, toxin, fertilizer, herbicide delivery etc)
   - Green Nanomaterials as antimicrobials
   - Green nanotechnology for Medicines
   - Green nanotechnology for Food and nutraceutical
   - Green nanotechnology for Bioimaging and diagnosis and other in vivo applications
   - Green nanotechnology for Agriculture
   - Green nanotechnology for Electronics
   - Green nanotechnology for Environment
   - Green nanotechnology for Energy
   - Green nanotechnology for Manufacturing and Materials
   - Green nanotechnology for Tissue Engineering
   - Impact of green chemistry on safety and risk assessment

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
Guidelines on how to write a review article are available at http://fr.slideshare.net/lichtfouse/writea-review.

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 is currently working as Assistant Professor in the Department of Biotechnology, LPU, Jalandhar, Punjab, India. Previously he was Asst. Prof. at DAV University, Jalandhar, Punjab, India and 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 2 books for CRC, Taylor & Francis Group and one book for Springer-Nature.

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. She is currently editing one book on Nanotoxicity for Springer-Nature.
Nandita Dasgupta has vast working experience on Micro/Nanoscience and currently serving in VIT University, Vellore, Tamil Nadu, India. She has been exposed to various 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 Micro/Nanomaterials fabrication and their applications in different fields majorly – medicine, food, environment, agriculture, biomedical etc. She has published many books with Springer and has contracted few with Springer, Elsevier, and CRC Press. 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 3.59 Impact Factor. She has received several national and international awards and recognitions from different organizations.

Shivendu Ranjan has major expertise in Micro/Nanotechnology and currently working in VIT University, Vellore, Tamil Nadu, India. His area of research is multidisciplinary which are as but not limited to: Micro/Nanobiotechnology, Nano-toxicology, Environmental Nanotechnology, Nanomedicine and Nanoemulsions. He has published many scientific articles in international peer-reviewed journals. He has recently published 5 edited books with Springer and has contracted 3 books in Elsevier, and 4 in CRC Press – all these books cover vast areas of Applied Micro/Nanotechnology. He has vast editorial experience. Briefly, he is serving as Associate Editor in Environmental Chemistry Letters (Springer Journal with 3.59 Impact Factor); also serving as editorial panel in Biotechnology and Biotechnological Equipment (Taylor and Francis, 1.05 Impact Factor). He is also Executive Editor and expert board panel in several other journals. He has been recently nominated as Elsevier Advisory Panel, Netherlands. He has bagged several awards and honors from different national and international organizations.

Eric Lichtfouse is the author of the book Scientific Writing for Impact Factor Journals. He has invented $^{13}$C-dating, a method allowing to measure the dynamics of soil organic molecules. 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.
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