Call for review articles

Environmental Chemistry for a Sustainable World
http://www.springer.com/series/11480

Polymer Nanotechnology

Raghvendra Kumar Mishra, Shivendu Ranjan, Nandita Dasgupta, Ravindra Vikram Singh 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 December 1st, 2017
Articles should be submitted in pdf to Nandita Dasgupta at nanditadg254@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 focused on the recent developments, research trends, methods and issues related to polymer nanoscience. Topics include:
- Polymer nanocomposite: fabrication and characterization
- Polymer nano blends: fabrication and characterization
- Applications of polymeric nanomaterials in different sectors
- Polymers in coating of nanomaterials
- Trends and challenges in polymer nanotechnology
- Patents, industries, and market of polymer nanomaterials
- Safety aspects and regulations for polymer nanomaterials

**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, Acknowledgments, 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 color 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

Raghvendra Kumar Mishra

Raghvendra Kumar Mishra received India most prestigious Visvesvaraya fellowship. He is serving as a Visvesvaraya Senior Research Fellow at the International and Interuniversity Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, India. M.Tech. in 2015 in Materials Science and Technology from the Indian Institute of Space Science and Technology (ISRO), India. His specialized areas of polymers, which include polymer recycling, polymer blends, fiber, filled polymer composites, particulate-filled polymer composites, and their morphological characterization, ageing, and degradation, carbon nanotubes, graphene, conducting polymer blends and composites.

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 the 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 awards, and young researcher award.
**Nandita Dasgupta**

Nandita Dasgupta is currently serving as Research Associate at VIT University, Vellore, Tamil Nadu, India. She has exposure to 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.

**Ravindra Vikram Singh**

Dr. Ravindra received Ph.D. in the area of Synthetic Organic and Medicinal Chemistry from University of Lucknow. Ravindra started his industrial research career with Lupin Pharmaceuticals India Ltd, one of the world's largest manufacturers of Tuberculosis drugs and a fastest growing Generic pharmaceutical company globally. He moved to GE India Technology Centre, Bangalore in 2002 and worked on developing innovative chemistries and products for various advanced material research programs. In 2007 he joined Jubilant Life Science, one of the largest CROs in the country. At Jubilant, his research group was mainly involved in collaborative medicinal chemistry research programs e.g. synthesis and characterization of intermediates and final products to support multinational pharma, biotech and healthcare industries. In Sigma-Aldrich (Merck Group Company), his group is actively involved in working with R&D & Custom synthesis projects for global innovator companies in pharmaceutical, agrochemicals, biotech and material research arena. He is also responsible for providing cost-effective solutions and products for SAFC India localization market.

His research interests include developing newer strategies for the synthesis of small molecules of commercial interests. He has been an invited speaker at various national conferences & symposiums and published several articles in peer-reviewed international journals and, he is a co-inventor in more than 15 patents. Dr. Ravindra is Fellow of the Royal Society of Chemistry (FRSC, UK), Member of the American Chemical Society (USA) and Life Member of Materials Research Society of India (MRSI).
**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.*
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