Journal of Renewable Materials

The Journal of Renewable Materials (JRM) publishes high quality peer reviewed original research on macromolecules and additives obtained from renewable/biobased resources. Utilizing a multidisciplinary approach, JRM introduces cutting-edge research on biobased monomers, polymers,



additives (both organic and inorganic), their blends and composites. It showcases both fundamental aspects and new applications for renewable materials. The fundamental theories and topics pertain to chemistry of biobased monomers, macromoners and polymers, their structure-property relationship, processing using sustainable methods, characterization (spectroscopic, morphological, thermal, mechanical, and rheological), bio and environmental degradation, and life cycle analysis. Demonstration of use of renewable materials and composites in applications including adhesives, bio and environmentally degradable structures, biomedicine, construction, electrical & electronics, mechanical, mendable and

self-healing systems, optics, packaging, recycling, shape-memory, and stimulus responsive systems will be presented.

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The Editors

Alessandro Gandini (agandini@igsc.usp.br) is a physical chemist who has taught and conducted research for the last fifty years at academic and other institutions in Switzerland, UK, Canada, USA, Cuba, France, Brazil and Portugal, after his first degree in Italy. His main scientific interests are polymer synthesis and characterization, with a special emphasis on polymers from renewable resources, photochemistry, and the physical chemistry of surfaces and inter-

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faces. He has published more than 400 scientific contributions and is an Honorary Doctor of the Saint Petersburg Forestry Academy and of Havana University, and was invested with the Ermine decoration of Grenoble National Polytechnic Institute.

Ramaswamy Nagarajan (Ramaswamy Nagarajan@uml.edu) is an associate professor at the University of Massachusetts, Lowell and has a science and engineering background with bachelor degrees in chemistry and rubber technology from India and a doctoral degree in polymer science from the University Massachusetts. His research interest is in the development of "greener"/sustainable routes to advanced functional materials (polymers, additives and surfactants). Working at the interface of science and engineering his research group has been involved in translating fundamental research into engineering applications for advancing technology in new and emerging areas. He has published more than 50 papers in peer-reviewed journals and holds 14 U.S. patents.

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