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Mats Andersson performed a joint PhD-work at the former Departments of Organic Chemistry and Polymer Technology at Chalmers University of Technology, Gothenburg, Sweden, and he received his PhD degree in Organic Chemistry in 1995. He spent one year as a post doctoral fellow at the Institute for Polymers and Organic Solids, University of California, Santa Barbara (UCSB), working in Prof. Alan Heegers group. Thereafter, he returned to Chalmers where he was appointed Professor in Polymer Chemistry in 2004 and he held a chair in Polymer Chemistry 2007-2015. Between 2008-2012, Mats was the head of the division of Applied Chemistry at the Department of Chemical and Biological Engineering, Chalmers University of Technology. In 2011 he received the Arrhenius medal from the Swedish Chemical Society and in 2012 he was elected as a member of the Royal Swedish Academy of Engineering Sciences, IVA. He was awarded a South Australian Chair in Energy in 2013 and in 2014 Mats moved from Sweden to Adelaide to join UniSA and the Ian Wark Research Institute as a Research Professor. The institute was merged into the Future Industries Institute in 2015. In 2017 he joined Flinders University as a Matthew Flinders Fellow and he is maintaining a close collaboration with Chalmers University of Technology.

Publications

MRA has published > 285 peer-reviewed articles in top-ranking internationals and he has an H-index of 77 with > 23,300 total citations (Google Scholar). Researcher ID: E-7186-2013

1. A. Sharma, R. Kroon, D.A. Lewis G.G. Andersson, M.R. Andersson, "Poly(4-vinylpyridine): A New Interface Layer for Organic Solar Cells", **ACS Appl. Mater. Interfaces.**, 2017, **9(12)**, 10929.
2. R. Kroon, A. D. D. Mendaza, S. Himmelberger, J. Bergqvist, O. Backe, G. C. Faria, F. Gao, A. Obaid, W. L. Zhuang, D. Gedefaw, E. Olsson, O. Inganäs, A. Salleo, C. Muller, M. R. Andersson, "A new tetracyclic lactam building block for thick, broad-bandgap photovoltaics", **J. Am. Chem. Soc.**, 2014, **136**, 11578.
3. E. Wang, W. Mammo, M. R. Andersson, "Isoindigo-based polymers and small molecules for bulk heterojunction solar cells and field effect transistors", **Adv. Mater.**, 2014, **26**, 1801.
4. T. T. Steckler, P. Henriksson, S. Mollinger, A. Lundin, A. Salleo, M. R. Andersson, "Very low band gap thiadiazoloquinoxaline donor-acceptor polymers as multi-tool conjugated polymers", **J. Am. Chem. Soc.**, 2014, **136**, 1190.
5. E. Wang, Z. Ma, Z. Zhang, K. Vandewal, P. Henriksson, O. Inganäs, F. Zhang, M. R. Andersson, "An easily accessible isoindigo-based polymer for high-performance polymer solar cells", **J. Am. Chem. Soc.**, 133(36), (2011), 14244