

RODICA PAULA TURCU - PUBLICATIONS

BOOK CHAPTERS

1. Vlad Socoliuc, Victor Kuncser, **Rodica Turcu**, Ladislau Vekas, in chapter 4: Iron oxide nanoparticle-based contrast agents, in *New Developments in NMR No. 13, Contrast Agents for MRI: Experimental Methods*, Edited by Valerie C. Pierre and Matthew J. Allen, The Royal Society of Chemistry 2018, www.rsc.org
2. **R.Turcu**, I. Craciunescu, A. Nan, „Magnetic Microgels: Synthesis and Characterization”, in *Upscaling of Bio-Nano-Processes, Selective Bioseparation by Magnetic Particles*, Editors: Hermann Nirschl, Karsten Keller, Springer-Verlag Berlin Heidelberg Publisher, ISBN: 978-3-662-43898-5 (Print) 978-3-662-43899-2 (Online), pp 57-76, **2014**.
3. A. Nan, I. Craciunescu, **R. Turcu**, *Conducting polypyrrole shell as a promising covering for magnetic nanoparticle*, in “Fundamental and Applications of Conducting Polymers”, editor Prof. Artur de Jesus Motheo, INTECH Open Access Publisher (2012) ISBN 978-953-307-696-5
4. L. Vekas, E. Tombacz, **R. Turcu**, I. Morjan, M. Avdeev, T. Krasia-Christoforou, V. Socoliuc, *Synthesis of Magnetic Nanoparticles and Magnetic Fluids for Biomedical Applications*, in C. Alexiou (Ed.) *Nanomedicine – Basic and Clinical Applications in Diagnostics and Therapy*, Ed. Basel, Karger, (2011), vol 2, pp 35–52.
5. **R.Turcu**, O.Pana, A.Nan, L.M.Giurgiu, *Nanostructured Polypyrrole and Composite*, in: „Polymeric Nanostructures and Their Applications”, editor H.S. Nalwa, American Scientific Publishers (2007) ISBN: 1-58883-068-3
6. C. Mijangos, D. López, O. Pana, **R. Turcu**, *Magnetic nanoparticles and nanostructured polymer based magnetic composites*, in *Nanofun-Poly White Book: “POLYMER NANOSCIENCE AND NANOTECHNOLOGY, A EUROPEAN PERSPECTIVE”*, Ed. Morphema (2007) ISBN 978-88-96051-00-9

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2. Rodica M. Candea, **Rodica Turcu**, G. Borodi, I. Bratu, *Effects of thermal annealing in air on VE, COD and CAD PbSe films*, **Physica Status Solidi (a)**, **100(1)**, 149-155 (1987)
3. Rodica M. Candea, L.P. Biro, N. Dadarlat, G. Borodi, Al. Darabont, P. Fitori, Rodica Turcu, *The influence of the film history on some electrophysical properties of VE, CAD, and COD PbSe films*, **Physica Status Solidi (a)**, **108(1)**, 233-240 (1988)
4. **R.Turcu**, O.Pana, I.Bratu, M.Bogdan, *"Effects of water on the properties of electrochemically prepared polythiophene films"*, **Journal of Molecular Electronics** **6(1-4)**, 1 (1990)
5. **R.Turcu**, *"AC conductivity of ClO_4^- doped polythiophene films"*, **Physica Status Solidi (a)** **119**, K121 (1990)

6. M.Brie, **R.Turcu**, C.Neamtu, "Polypyrrole films. The effect of dopant molecules on the electrical properties and molecular organization of polypyrrole films", **Revue Roumaine de Chimie** **38(11)**, 1317 (1993)
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