

**Lista de lucrari stiintifice in perioada 2008-2019**

**Dr. Mihaela Baibarac**

**A. Capitole de carti in edituri internationale recunoscute Web of Science in calitate de autor**

1. M. Baibarac, I. Baltog, S. Szunerits, Chapter 16. “Raman and FTIR spectroscopy as valuable tools for the characterization of graphene-based materials, editor Z.A. Niknam, Taylor and Francis Group LLC, 235-253, 2016, in **Graphene Science Handbook**, vol. 5 Size-Dependent Properties
2. C. Mozaceanu, M. Baibarac, Chapter “Advances in photoluminescence properties of coordination polymers”, editor Ellis Marsden, Nova Science Publishers, in the book **“Photoluminescence: Advances in Research and Applications”**, pp. 197-210, 2018
3. M. Baibarac, N. Toulbe, Chapter 3 “Nanostructures based detection of pharmaceuticals and other contaminants of emerging concern”, editors Lucian Baia, Zsolt Pap, Klara Hernadi, Monica Baia, in book **“Advanced Nanostructures for Environmental Health”**, Elsevier, pp.75-114, 2019

**B. Articole stiintifice originale in extenso ca autor in reviste cotate ISI**

1. Optical cooling of single-walled carbon nanotubes as revealed by their anti-Stokes Raman spectra, I. Baltog, M. Baibarac, S. Lefrant, **Journal of Physics Condensed Matter** 20 (27), 275215, 2008
2. Vibrational and photoluminescence properties of composites based on zinc oxide and single-walled carbon nanotubes; M. Baibarac, I. Baltog, S. Lefrant, J. Y. Mevellec and M. Husanu; **Physica E - Low-dimensional Systems and Nanostructures**, 40 (7), 2556, 2008
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Semnatura,

Dr. Mihaela Baibarac

A handwritten signature in blue ink, appearing to read "Mihaela Baibarac".