

C. Research articles published in BDI-indexed conference proceeding volumes:

- Vis4.** *"Electrochemical Functionalization of Single-Walled Carbon Nanotubes Films obtained by Electrophoretic Deposition"*
L. Pilan, **M. Raicopol**, C. Damian, M. Ioniță
Key Engineering Materials, **2012**, 507, 107
DOI: 10.4028/www.scientific.net/KEM.507.107
ISSN: 10139826
- Vis3.** *"Fabrication of Polyaniline/Carbon Nanotubes Composites Using Carbon Nanotubes Films obtained by Electrophoretic Deposition"*
L. Pilan, **M. Raicopol**, M. Ioniță
Key Engineering Materials, **2012**, 507, 113
DOI: 10.4028/www.scientific.net/KEM.507.113
ISSN: 10139826
- Vis2.** *"Supercapacitance of single-walled carbon nanotube-polyaniline composites"*
M. Raicopol, A. Prună, L. Pilan
Proceedings of the 15th European Conference on Composite Materials, **2012**, ID 2514
ISBN: 978-888878533-2
- Vis1.** *"Electro-optic effect in nematic liquid crystals aligned with conductive polymer"*
M. Raicopol, C. Dascălu, R. Atasiei, A.L. Alexe-Ionescu
Proceedings of SPIE 7469, **2009**, 74690K
DOI: 10.1117/12.867545
ISSN: 0277786X

D. Presentations at conferences and workshops:

- E29.** *"Dye sensitized solar cells based on ionic liquid crystal electrolytes"*
M. Raicopol, C. Devan, M. Pandele, C. Dascălu, A.L. Alexe-Ionescu
21st Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XXI, sept. **2019**, Mamaia, România
- E28.** *"Performance evaluation of dye sensitized solar cells based on ionic liquid crystal electrolytes"*
M. Raicopol, C. Devan, M. Pandele, C. Dascălu, A.L. Alexe-Ionescu
3rd International Conference on Applied Surface Science, ICASS 2019, iun. **2019**, Pisa, Italy
- E27.** *"Columnar ionic liquid crystals - improved electrolytes for dye-sensitized solar cells (DSSCs)"*
M. Raicopol, R. Atasiei, L. Pilan, C. Andronescu, A. Hanganu
20th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XX, sept. **2017**, Poiana Braşov, România
- E26.** *"Electrografting via aryl diazonium chemistry: a versatile method for reducing interference in glucose biosensors"*
M. Raicopol, A.M. Brezoiu, C. Andronescu, F. Moale, M. Popescu, L. Pilan
19th European Symposium on Organic Chemistry, ESOC 2015, iul. **2015**, Lisabon, Portugal
- E25.** *"Functionalized polypyrrole/graphene nanocomposites as electrochemical biosensing platform"*
M. Raicopol, L. Pilan, C. Andronescu, E. Vasile, A. M. Brezoiu

European Polymer Congress, epf2015, iun. **2015**, Dresden, Germany

- E24.** *"New ordered functional iridium (III)-based materials for electrooptical devices"*
E.I. Szerb, M. Ghedini, **M. Raicopol**, R. Stan, A.L. Alexe-Ionescu
18th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVIII, sept. **2013**, Sinaia, România
- E23.** *"Supercapacitance of single-walled carbon nanotubes-polypyrrole composites"*
M. Raicopol, L. Pilan, M. Ioniță
The 63rd Annual Meeting of the International Society of Electrochemistry, aug. **2012**, Prague, Czech Republic
- E22.** *"Glucose biosensors based on functionalized carbon nanotubes-polypyrrole composites"*
L. Pilan, **M. Raicopol**, A. Prună
The 63rd Annual Meeting of the International Society of Electrochemistry, aug. **2012**, Prague, Czech Republic
- E21.** *"Well-dispersed single-walled carbon nanotube/polypyrrole composite films: molecular modeling and experimental investigation"*
L. Pilan, **M. Raicopol**, A.M. Pandele, M. Ioniță
15th European Conference on Composite Materials, ECCM15, iun. **2012**, Venice, Italy
- E20.** *"Functionalization of single-walled carbon nanotube films by electrochemical reduction of aryl diazonium salts"*
Pilan, L.; **Raicopol, M.**; Ioniță, M.
220th ECS Meeting and Electrochemical Energy Summit, oct. **2011**, Boston, USA
- E19.** *"A new approach for the synthesis of quantum dot/polypyrrole nanocomposite films"*
Raicopol, M.; Pilan, L.; Andronescu, C.; Vasile, E.; Licsandru, E.
14th European Conference on Applications of Surface and Interface Analysis, ECASIA' 11, sept. **2011**, Cardiff, U.K.
- E18.** *"Impact of chemical functionalization of SWCNTs on PANI nanocomposites: molecular modeling and experimental investigations"*
Necula, L.E.; **Raicopol, M.**; Pilan, L.; Ioniță, M.
14th European Conference on Applications of Surface and Interface Analysis, ECASIA' 11, sept. **2011**, Cardiff, U.K.
- E17.** *"Electrochemical studies on various aryl diazonium salts grafting on a glassy carbon electrode"*
Necula, L.E.; **Raicopol, M.**; Pilan, L.
17th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVII, sept. **2011**, Sinaia, România
- E16.** *"Electrochemical characterization of composite films of functionalized single wall carbon nanotubes and polyaniline"*
Pilan, L.; **Raicopol, M.**; Ioniță, M.; Brânzoi, V.
17th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVII, sept. **2011**, Sinaia, România
- E15.** *"Synthesis and characterization of functionalized CdSe nanocrystals and their composites with polypyrrole"*
Raicopol, M.; Pilan, L.; Licsandru, E.; Andronescu, C.; Vasile, E.
17th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVII, sept. **2011**, Sinaia, România
- E14.** *"Impact of chemical functionalization of SWCNTs on polyaniline nanocomposites: multiscale molecular modeling and experimental investigations"*

- Brânzoi, I.V.; Pilan, L.; Necula, L.E.; **Raicopol, M.**; Ioniță, M.
17th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVII, sept. **2011**, Sinaia, România
- E13.** *"New azopolymers for optoelectronic applications"*
Raicopol, M.; Atasiei, R.; Andronescu, C.; Necula, D.; Ceașescu, M.; Cătrănescu, R.; Roșca, S.I.
7th International Conference of the Chemical Societies of the South-Eastern European Countries, ICOSECS 7, sept. **2010**, Bucharest, Romania
- E12.** *"Synthèse de dérivés arene-chrome tricarbonyl chiraux greffés sur phase solide"*
Raicopol, M.; Pătruț, C.; Licsandru, E.; Ott, C.; Stan, R.; Roșca, S.I.
Sixième Colloque Franco-Roumain de Chimie Appliquée, COFrRoCA-2010, iul. **2010**, Orléans, France
- E11.** *"Alkylation stereospécifique des arenes avec benzyle ethers-tricarbonyl-chrome"*
Roșca, S.I.; Ott, C.; Stan, R.; **Raicopol, M.**; Precupanu, L.
Sixième Colloque Franco-Roumain de Chimie Appliquée, COFrRoCA-2010, iul. **2010**, Orléans, France
- E10.** *"Synthesis of organometallic polymer catalysts by grafting resins with arene-tricarbonyl-chromium resins"*
Raicopol, M.; Ott, C.; Stan, R.; Roșca, S.I.
16th Romanian International Conference on Chemistry and Chemical Engineering, RICCCCE XVI, sept. **2009**, Sinaia, România
- E9.** *"Influence of Dye Adsorption on Transversal Conduction of Polymer Oriented Nematic Liquid Crystals"*
N. Eseau, C. Dascalu, R. Atasiei, **M. Raicopol**, A. T. Ionescu
8th International Balkan Workshop on Applied Physics, iul. **2007**, Constanța, România
- E8.** *"New Polymeric Materials Containing Nonlinear Optical Chromophores"*
M. Raicopol, R. I. Lehadus, A. Gebaila, R. Atasiei, A.L. Ionescu, S. I. Rosca
15th Romanian International Conference on Chemistry and Chemical Engineering
RICCCCE-XV, sept. **2007**, Sinaia, Romania
- E7.** *"Solid Phase Enantioselective Reduction of Aryl-alkyl Ketones"*
C. Ott, A. Plesu, R. Stan, **M. Raicopol**, S. I. Rosca
15th Romanian International Conference on Chemistry and Chemical Engineering
RICCCCE-XV, sept. **2007**, Sinaia, Romania
- E6.** *"Solid-Phase Synthesis of Regioregularly Complexed Dendrimeric Diarylmethanes"*
M. Raicopol, C. Ott, R. Stan, S. Roșca, S. I. Roșca
5th International Conference of the Chemical Societies of the South-East European Countries, sept. **2006**, Ohrid, Macedonia
- E5.** *"Synergistic Extraction of Alkali Metal Ions (Na⁺, K⁺) by a Mixture of p-Isopropylcalix[4]arene and 4'-Aminobenzo-15-crown-5"*
B. Serban, C. Luca, **M. Raicopol**, M. Bumbac, O. Gales
14th Romanian International Conference on Chemistry and Chemical Engineering, sept. **2005**, București, România
- E4.** *"Some Aspects Concerning Physical and Spectral Properties of Calixarenes and Their Derivatives"*
C. Luca, B. Serban, Cristina Nechifor, **M. Raicopol**, G. Nechifor
13th Romanian International Conference on Chemistry and Chemical Engineering, sept. **2003**, București, România

E3. *"Calixarenes - Versatile Class of Host Molecules?"*

C. Luca, B. Serban, Cristina Nechifor, **M. Raicopol**, G. Nechifor

13th Romanian International Conference on Chemistry and Chemical Engineering, sept. **2003**, București, România

E2. *"Facilitated Transport of Heavy Metal Ions Through a Magnetic Liquid Membrane Using Azo-calix[4]arene Carriers"*

C. Nechifor, **M. Raicopol**, B. Serban, G. Nechifor, A.-M. Josceanu

5th COST-D11 Workshop on Supramolecular Chemistry, **2002**, Sigtuna, Sweden

E1. *"Noi derivați azocalixarenici"*

M. Raicopol, Cristina Nechifor, B. Șerban, G. Nechifor

Conferința Națională de Chimie, oct. **2002**, Călimănești, România