

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,  
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT**

**Chim. Diana - Maria APARASCHIVEI**

**1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)**

1. D. Aparaschivei, A. Todea, A. E. Frissen, V. Badea, G. Rusu, E. Sisu, M. Puiu, C. G. Boeriu, F. Peter, "Enzymatic synthesis and characterization of novel terpolymers from renewable sources", *Pure Appl. Chem.*, vol. 91, no. 3, pp. 397-408, March 2019, (WOS:000460606600005).
2. A. Todea, D. Aparaschivei, V. Badea, C. G. Boeriu, Francisc Peter, "Biocatalytic route for the synthesis of oligoesters of hydroxy-fatty acids and  $\epsilon$ -caprolactone", *Biotechnol. J.*, vol. 13, no. 6, 1700629, June 2018 (WOS:000434270100008).
3. D. Aparaschivei, A. Todea, I. Pausescu, V. Badea, M. Medeleanu, E. Sisu, M. Puiu, A. Chirita-Emandi, F. Peter, "Synthesis, characterization and enzymatic degradation of copolymers of  $\epsilon$ -caprolactone and hydroxy-fatty acids", *Pure Appl. Chem.*, vol. 88, no. 12, pp. 1191-1201, December 2016 (WOS:000393350800009).

**2. Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate**

1. A. Todea, D. Aparaschivei, I. Bîțcan, V. Badea, F. Peter, "Bio-based polyesters synthesis by immobilized *Candida antarctica* B lipases", in *17th Polymers and Organic Chemistry Conference (POC-2018)*, Palavas Les Flots, France, June 3-7 2018, OC12, Book of abstracts, OC12.
2. A. Todea, C. Boeriu, D. Aparaschivei, V. Badea, F. Peter, "Novel bio-based oligoesters by immobilised lipases", in *The 13th Asian Congress on Biotechnology 2017 (ACB 2017) Bioinnovation and Bioeconomy*, Khon Kaen, Thailand, July 23-27 2017, Book of abstracts, pp. 91.
3. D. Aparaschivei, A. Todea, V. Badea, M. Puiu, A. Chiriță-Emandi, F. Peter, "Synthesis, characterization and enzymatic degradation of copolymers of  $\epsilon$ -caprolactone and saturated hydroxy-fatty acids", in *IUPAC-sponsored 16th International Conference: Polymers and Organic Chemistry (POC16)*, Hersonissos, Greece, June 13-16 2016, Book of abstracts, ISBN 978-960-9430-14-2, pp. 143.
4. A. Todea, D. Aparaschivei, C. G. Boeriu, F. Peter, "A green chemistry route to novel copolyesters", in *IUPAC-sponsored 16th International Conference: Polymers and Organic Chemistry (POC16)*, Hersonissos, Greece, June 13-16 2016, Book of abstracts, ISBN 978-960-9430-14-2, pp. 45.
5. A. Todea, D. Aparaschivei, A. Cimporescu, V. Badea, C. G. Boeriu, F. Peter, "Efficient biocatalytic route towards new  $\epsilon$ -caprolactone copolyesters using microbial lipases", in *IUPAC-sponsored 16th International Conference: Polymers and Organic Chemistry (POC16)*, Hersonissos, Greece, June 13-16 2016, Book of abstracts, ISBN 978-960-9430-14-2, pp. 139.

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