

Articole in baza ISI-WEB of SCIENCE

1. Iono-molecular Separation with Composite Membranes. II. Preparation and characterization of polysulphone and composite nanoparticles, Hussam Nadum Abdalraheem Al Ani, **Anca Maria Cimbru**, Corneliu Trisca-Rusu, Szidonia Katalin Tanczos, Adriana Cuciureanu, Aurelia Cristina Nechifor, *Revista de Chimie*, Volum 68, Issue 2, pag. 203 – 209, Februarie 2017.

2. Iono-molecular Separation with Composite Membranes. III. Nitrophenols separation on polysulphone and composite nanoparticles ultrafiltration, Hussam Nadum Abdalraheem, **Anca Maria Cimbru**, Szidonia Katalin Tanczos, Ion Spiridon Din, Adriana Cuciureanu, Ion Marius Nafliu, Gheorghe Nechifor, *Revista de Chimie*, Volum 68, Issue 3, pag. 427-434, Martie 2017.

3. Iono-molecular Separation with Composite Membranes. IV. Mono-nitrophenol's pervaporation through polysulfone composite membranes, Hussam Nadum Abdalraheem Al Ani, **Anca Maria Cimbru**, Ion Spiridon Din, Szidonia Katalin Tanczos, Ion Marius Nafliu, Adriana Cuciureanu, *Materiale Plastice*, Volume 54, Issue 2, pag. 353 – 358, Iunie 2017.

4. Iono-molecular Separation with Composite Membranes. V. Nitro-phenol separation on n-alkyl alcohols supported liquid membranes, Ion Spiridon Din, **Anca Maria Cimbru**, Hussam Nadum Abdalraheem Al Ani, Ion Marius Nafliu, Szidonia Katalin Tanczos, Gheorghe Nechifor, *Revista de Chimie*, Volum 69, Issue 5, pag. 1084 – 1088, Mai 2018.

5. Iono-molecular Separation with Composite Membranes. VI. Nitro-phenol separation through sulfonated polyether ether ketone on capillary polypropylene membranes, Ion Spiridon Din, **Anca Maria Cimbru**, Abbas Abdul Kadhim Klaif Rikabi, Szidonia Katalin Tanczos, Simona Ticu (Cotorcea), Gheorghe Nechifor, *Revista de Chimie*, Volum 69, Issue 7, pag. 1603 – 1607, Iulie 2018.

6. Neutralization with Simultaneous Separation of Aluminum and Copper Ions from Condensed Water Through Capillary Polypropylene and Cellulose Derivativ, Alexandra Raluca

Grosu (Miron), Ion Marius Nafliu, Ion Spiridon Din, **Anca Maria Cimbru**, Gheorghe Nechifor, U.P.B. Sci. Bull., Series B, Vol. 82, Issue 1, pag. 25 – 34, 2020.

7. Pharmaceutical Industry Wastewater Treatment by Electrocoagulation and Micellar Ultrafiltration, Paul Constantin Albu, Hussam Nadum Abdalraheem Al Ani, **Anca Maria Cimbru**, George Alexandru Popa, Alexandra Gabriela Niculae, Alexandra Raluca Miron, Revista de Chimie, Volum 67, Issue 4, pag. 813 – 820, Aprilie 2016.

8. pH and pCl Operational Parameters in some Metallic Ion's Separation with Composite Chitosan / Sulfonated (polyether ether ketone)/Polypropylene Hollow Fibers Membranes, **Anca Maria Cimbru**, Gheorghe Nechifor, Alexandra Raluca Grosu, Szidonia-Katalin Tanczos, Vlad-Alexandru Grosu, Simona Gabriela Bungău, Paul Constantin Albu, Aurelia Cristina Nechifor, Revista MEMBRANES, Volum 12, Issue 9, pag. 833 - 859, August 2022.

2 COMUNICĂRI ȘTIINȚIFICE ÎN TEMATICA TEZEI DE DOCTORAT

1. Neutralization with Simultaneous Separation of Metallic Ions from Condensed Water Through Capillary Polypropylene and Cellulose Derivatives - XVIth International Symposium "Priorities of Chemistry for a Sustainable Development" PRIOCHEM XVI, October 28-30, Octombrie 2020.

3 ALTE ARTICOLE PUBLICATE

1. Titanium Dioxide for Biomedical Uses I. The controlled production of nanoparticles by hydrothermal synthesis moderated by dimedone, Gavril Lucian Gheorghievici, Corneliu Trisca Rusu, Elena Voicila, Ion Marius Nafliu, **Anca Maria Cimbru**, Szidonia Katalin Tanczos, Revista de Chimie, Volume: 68, Issue: 1, Pages: 11-15, Ianuarie 2017.
2. Cr (VI) Ion Reduction Reaction on Nickel and Stainless Steel Electrodes in Acid Medium, Ioana Maior, Gabriela Elena Badea, Anca Cojocaru, **Anca Maria Cimbru**, Simona Bungau, Laura Endres, Revista de Chimie, Volum 70, Issue 7, pag. 2321 – 2324, Iulie 2019.

