

Dr. Alexandra Bargan

List of publications

1. Nistor, A., Piuleac, C.G., Cazacu, M., Curteanu, S., „Neural networks modeling of the equilibrium anionic polymerization of cyclic siloxanes”, *Materiale Plastice*, 45(1), 67-73, 2008, F.I.=0.48.
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4. Vlad, S., Spiridon, I., Grigoraș, C.V., Drobotă, M., Nistor, A., „Thermal, mechanical and wettability properties of some branched polyetherurethane elastomers”, *e-Polymers*, 004, ISSN 1618-7229, 2009, F.I.=0.644.
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9. Vlad, S., Butnaru, M., Filip, D., Macocinschi, D., Nistor, A. Ciobanu, C., Gradinaru, L.M., „Polyetherurethane membranes modified with renewable resource as a potential candidate for biomedical applications”, *Digest Journal of Nanomaterial and Biostructures*, 5(4), 1089-1100, 2010, F.I.=1.13.
10. Vlad, S., Filip, D., Macocinschi, D., Spiridon, I., Nistor, A. Gradinaru, L.M., Musteață, V.E., „New polyetherurethanes based on cellulose derivative for biomedical applications”, *Journal of Optoelectronics and Advanced Materials*, 4(3), 407-414, 2010, F.I.=0.41.
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12. Alexandru, M., Racleș, C., Cazacu, M., Nistor, A., Macsim, A-M., „Polysiloxanes modified with aromatic diamines interconnecting with silica network”, *Journal of Composite Materials*, 45(6), 621-630, 2011, F.I.=1.49.
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35. Dumitriu, A.M.C., Cazacu, M., Bargan, A., Balan, M., Vornicu, N., Varganici, C.D., Shova, S., “Full functionalized silica nanostructure with well-defined size and functionality: Octakis(3-mercaptopropyl)octasilsesquioxane”, *Journal of Organometallic Chemistry*, 799-800, 195-200, 2015, F.I.=2.173.
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Derived Metal Complexes: Synthesis, Characterization and Catalytic Activity Assessments”, *Journal of Inorganic and Organometallic Polymers and Materials*,(2022), 1-16, <https://doi.org/10.1007/s10904-022-02408-8> , F.I.= 3.543, SRI=0.935

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Book chapters:

1. Nistor, A., “Silicones involved in surface modification of materials based on organic polymers”, 2010.
https://www.novapublishers.com/catalog/product_info.php?products_id=15743
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