

LIST OF PAPERS

- KALEDOVÁ, A., VESELÝ, D., SAPURNINA, I., STEJSKAL, J. Anticorrosion efficiency of organic coatings depending on the pigment volume concentration of polyaniline phosphate. *Progress in Organic Coatings*, 2008, roč. 63, č. 2, s. 228-237.
- VESELÝ, D., KALEDOVÁ, A. Synthesis of $Zn_xMg_yAl_2O_4$ spinels for use protective coatings. *Pigment & Resin Technology*, 2008, roč. 37, č. 3, s. 151-160.
- KALEDOVÁ, A., VESELÝ, D., STEJSKAL, J., TRCHOVÁ, M. Anticorrosion properties of inorganic pigments surface-modified with a polyaniline phosphate layer. *Progress in Organic Coatings*, 2008, roč. 63, č. 2, s. 209-221.
- KALEDOVÁ, A., VESELÝ, D., STEJSKAL, J. Organic coatings containing polyaniline and inorganic pigments as corrosion inhibitors. *Progress in Organic Coatings*, 2008, roč. 62, č. 1, s. 105-116.
- MACHOTOVÁ, J., ŠŇUPÁREK, J., ČERNOŠEK, Z., SVOBODA, L. Swelling of acrylic microgels in aliphatic ketones. *Progress in Organic Coatings*, 2008, roč. 62, č. 1, s. 71-78.
- MACHOTOVÁ, J., ŠŇUPÁREK, J., PROKÚPEK, L., RYCHLÝ, T., VLASÁK, P. Effect of functionalised core-shell microgels prepared by emulsion polymerisation on acrylic coatings properties. *Progress in Organic Coatings*, 2008, roč. 63, č. 2, s. 175-181.
- ŠTÁVA, V., VESELÝ, D., KALENDA, P. Catalytic effects of transition metals in the form of the salts of organic acids in the cross linking of alkyds. *Pigment & Resin Technology*, 2008, roč. 37, č. 2, s. 67-72.
- MOŠNER, P., VESELÝ, D., KOUDELKA, L., KALEDOVÁ, A. Anticorrosion properties of glassy-crystalline borophosphates in water-borne coating system. *Pigment & Resin Technology*, 2008, roč. 37, č. 1, s. 16-20.
- KALEDOVÁ, A., SAPURNINA, I., STEJSKAL, J., VESELÝ, D. Anticorrosion properties of polyaniline-coated pigments in organic coatings. *Corrosion Science*, 2008, roč. 50, č. -, s. 3549-3560.
- KALEDOVÁ, A., VESELÝ, D. Anticorrosion efficiency of $Zn_xMg_yAl_2O_4$ core-shell spinels in organic coatings. *Progress in Organic Coatings*, 2008, roč. 62, č. 1, s. 5-20.
- KALEDOVÁ, A., VESELÝ, D. The properties of $ZnFe_2O_4$ as an anticorrosion pigment depending on the structure of initial Fe_2O_3 . *Anti-Corrosion Methods and Materials*, 2008, roč. 55, č. 4, s. 175-190.
- VESELÝ, D., KALENDA, P., NĚMEC, P. Nanoparticles of soluble alkaline silicates as corrosion inhibitors in water based polymer dispersions. *Materials Research Innovations*, 2009, roč. 13, č. 3, s. 302-304.
- KALEDOVÁ, A., VESELÝ, D. Study of the anticorrosive efficiency of zincite and periclase-based core-shell pigments in organic coatings. *Progress in Organic Coatings*, 2009, roč. 64, č. 1, s. 5-19.
- KALEDOVÁ, A., VESELÝ, D. Synthesis and properties of morphologically different particles with the structure of zincite and periclase in organic coatings. *Anti-Corrosion Methods and Materials*, 2009, roč. 54, č. 2, s. 79-87.
- KALEDOVÁ, A., VESELÝ, D., NĚMEC, P. Study of the corrosion -Inhibition properties of the metal oxide -based core-shell pigments in organic coatings. *Materials Research Innovations*, 2009, roč. 13, č. 3, s. 288-290.
- MACHOTOVÁ, J., ŠŇUPÁREK, J. Functionalised Microgels for Acrylic Coatings. *Macromolecular Symposia*, 2009, roč. 281, č. 1, s. 197-205.

- KALEDOVÁ, A., VESELÝ, D., NĚMEC, P., STEJSKAL, J. Corrosion inhibition efficiency of organic coatings with the content of polyaniline phosphate. *Materials Research Innovations*, 2009, roč. 13, č. 3, s. 295-297.
- VESELÝ, D., KALEDOVÁ, A., KALENDA, P. A study of diatomite and calcined kaoline properties in anticorrosion protective coatings. *Progress in Organic Coatings*, 2010, roč. 68, č. 3, s. 173-179.
- KALEDOVÁ, A., VESELÝ, D., KALENDA, P. Contribution of Inorganic Pigments to the Formation of Paint Films from Oxypolymerising Drying Paints. *Pigment & Resin Technology*, 2010, roč. 39, č. 5, s. 255-261.
- KALENDA, P., VESELÝ, D., KALEDOVÁ, A., ŠTÁVA, V. Ferrocene-based catalyst systems for alkyd paint drying. *Pigment & Resin Technology*, 2010, roč. 39, č. 6, s. 342-347.
- VESELÝ, D., NĚMEC, P., KALEDOVÁ, A. Study of catalytic properties of amorphous chalcogenides during the formation of thinorganic films. *Journal of Non-Crystalline Solids*, 2010, roč. 356, č. 44-49, s. 2618-2621.
- STEJSKAL, J., TRCHOVÁ, M., HROMÁDKOVÁ, J., KOVÁŘOVÁ, J., KALEDOVÁ, A. The carbonization of colloidal polyaniline nanoparticles to nitrogen-containing karbon analogues. *Polymer International*, 2010, roč. 59, č. 7, s. 875-878.
- KALEDOVÁ, A., VESELÝ, D., KALENDA, P. Properties of paints with hematite coated muscovite and talc particles. *Applied Clay Science*, 2010, roč. 48, č. 4, s. 581-588.
- VESELÝ, D., KALEDOVÁ, A., NĚMEC, P. Properties of organic coatings depending on chemical composition and structure of pigment particles. *Surface and Coatings Technology*, 2010, roč. 204, č. 12-13, s. 2032-2037.
- VESELÝ, D., NĚMEC, P., KALEDOVÁ, A. Properties of ferrites with nonisometric shape particles in organic coatings. *Physica Status Solidi C: Current Topics in Solid State Physics*, 2011, roč. 8, č. 9, s. 2665-2668.
- OTÁHAL, R., VESELÝ, D., NÁSA DOVÁ, J., ZIMA, V., NĚMEC, P., KALENDA, P. Intumescent coatings based on an organic-inorganic hybrid resin and the effect of mineral fibres on fire-resistant properties of intumescent coatings. *Pigment & Resin Technology*, 2011, roč. 40, č. 4, s. 247-253.
- KUKAČKOVÁ, H., KALEDOVÁ, A. Investigation of mechanical resistance and corrosion-inhibition properties of surface-modified fillers with polyaniline in organic coatings. *Journal of Physics and Chemistry of Solids*, 2012, roč. 73, č. 12, s. 1556-1561.
- VESELÝ, D., KALEDOVÁ, A., MANSO, P. Properties of calcined kaolins in anticorrosion paints depending on PVC, chemical composition and shape of particles. *Progress in Organic Coatings*, 2012, roč. 74, č. 1, s. 82-91.
- MAUER, M., KALENDA, P., HONNER, M., VACÍKOVÁ, P. Composite fillers and their influence on emissivity. *Journal of Physics and Chemistry of Solids*, 2012, roč. 73, č. 12, s. 1550-1555.
- JÁŠKOVÁ, V., KALEDOVÁ, A. Anticorrosive coatings containing modified phosphates. *Progress in Organic Coatings*, 2012, roč. 75, č. 4, s. 328-334.