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Papers in Journals

1. Hosseini, S., Ghasemi, E., Synthesis and characterization of hybrid MgAl-LDH@SiO₂@CoAl₂O₄ pigment with high NIR reflectance for sustainable energy saving applications, *Applied Clay Science*, 2020.
2. Mahsa Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad Mahdavian, Designing a zinc-encapsulated Feldspar as a unique rock-forming tectosilicate nanocontainer in the epoxy coating; improving the robust barrier and self-healing anti-corrosion properties, *Construction and Building Materials*, 2020.
3. Majd Mahsa, Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad Mahdavian, Construction of a smart active/barrier anti-corrosion system based on epoxy-ester/zinc intercalated kaolin nanocontainer for steel substrate, *Construction and Building Materials*, 2020.
4. Olya, N., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M., Synthesis, characterization and protective functioning of surface decorated Zn-Al layered double hydroxide with SiO₂ nano-particles, *Surface and Coatings Technology*, 2020.
5. Alibakhshi, E., Ghasemi, E., Mahdavian, M., Ramezanzadeh, B., Mana yasaei, The effect of interlayer spacing on the inhibitor release capability of layered double hydroxide based nanocontainers, *Journal of Cleaner Production*, 2020.
6. Sadeghi, & Niaraki, S., Ghasemi, B., Habibolahzadeh, A., Ghasemi, E., Ghahari, M., Nanostructured Fe₂O₃@TiO₂ pigments with improved NIR reflectance and photocatalytic ability, *Materials Chemistry and Physics*, 2020.
7. Kasaeian, M., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M., Graphene oxide as a potential nanocarrier for Zn(II) to fabricate a dual-functional active/passive protection; sorption/desorption characteristics and electrochemical evaluation, *Journal of Industrial and Engineering Chemistry*, 2020.
8. S. Sadeghi, & Niaraki, B. Ghasemi, A. Habibolahzadeh, E. Ghasemi, M. Ghaharid, Cool and photocatalytic reddish-brown nanostructured Fe₂O₃@SiO₂@TiO₂ pigments, *Materials Science and Engineering: B*, pp. Volume 262, December 2020, 114752, 2020.
9. Behrooz Ghasemi, Ali Habibolahzadeh, Ebrahim Ghasemi, Mehdi Ghahari, Preparation of (Fe,Cr)₂O₃@TiO₂ cool pigments for energy saving applications, *Journal of Alloys and Compounds*, 2019.