



## Ebrahim Ghasemi

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### Papers in Journals

1. Hosseini, S., Ghasemi, E., Synthesis and characterization of hybrid  $\text{MgAl-LDH@SiO}_2\text{@CoAl}_2\text{O}_4$  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  $\text{SiO}_2$  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  $\text{Fe}_2\text{O}_3\text{@TiO}_2$  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  $\text{Fe}_2\text{O}_3\text{@SiO}_2\text{@TiO}_2$  pigments, *Materials Science and Engineering: B*, pp. Volume 262, December 2020, 114752, 2020.
9. Behrooz Ghasemi, Ali Habibolahzadeh, Ebrahim Ghasemi, Mehdi Ghahari, Preparation of  $(\text{Fe,Cr})_2\text{O}_3\text{@TiO}_2$  cool pigments for energy saving applications, *Journal of Alloys and Compounds*, 2019.