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Papers in Journals

1. Amir samadi Najibzad, Reza Amini, Mehran Rostami, Pooneh Kardar, Michele Fedel, Active corrosion performance of magnesium by silane coatings reinforced with polyaniline/praseodymium, *Progress in Organic Coatings*, 2020.
2. Reza Mahmudi, Pooneh Kardar, Amir Masud Arabi, Reza Amini, Pourya Pasbakhsh, The active corrosion performance of silane coating treated by praseodymium encapsulated with halloysite nanotubes, *Progress in Organic Coatings*, 2020.
3. Reza Mahmudi, Pooneh Kardar, Amir Masud Arabi, Reza Amini, Pourya Pasbakhsh, Acid-modification and praseodymium loading of halloysite nanotubes as a corrosion inhibitor, *Applied Clay Science*, 2020.
4. Pooneh Kardar, Reza Amini, Self-cleaning treatment on historical stone surface via titanium dioxide nano-coatings, *Pigment & Resin Technology*, 2019.
5. Abolfazl Khalili Dermani, Elaheh Kowsari, Bahram Ramezanzadeh, Reza Amini, Utilizing imidazole based ionic liquid as an environmentally friendly process for enhancement of the epoxy coating/graphene oxide composite corrosion resistance, *Journal of Industrial and Engineering Chemistry*, 2019.
6. Abolfazl Khalili Dermani, Elaheh Kowsari, Bahram Ramezanzadeh, Reza Amini, Screening the effect of graphene oxide nanosheets functionalization with ionic liquid on the mechanical properties of an epoxy coating, *Progress in Organic Coatings*, 2018.
7. Elmira Saei, Bahram Ramezanzadeh, Reza Amini, Mehdi Salami, Effects of combined organic and inorganic corrosion inhibitors on the nanostructure cerium based conversion coating performance on AZ31 magnesium alloy: Morphological and corrosion studies, *Corrosion Science*, 2017.
8. Reza Amini, Helma Vakili, Bahram Ramezanzadeh, Studying the effects of poly (vinyl) alcohol on the morphology and anti-corrosion performance of phosphate coating applied on steel surface, *Journal of Taiwan Institute of Chemical Engineers*, 2016.
9. Helma Vakili, Bahram Ramezanzadeh, Reza Amini, The corrosion performance and adhesion properties of the epoxy coating applied on the steel substrates treated by cerium-based conversion coatings, *Corrosion Science*, 2015.
10. Bahram Ramezanzadeh, Helma Vakili, Reza Amini, Improved performance of cerium conversion coatings on steel with zinc phosphate post-treatment, *Journal of Industrial and Engineering Chemistry*, 2015.
11. Elaheh Kowsari, Milad Payami, Reza Amini, Bahram Ramezanzadeh, M Javanbakht, Task-specific ionic liquid as a new green inhibitor of mild steel corrosion, *Applied Surface Science*, 2014.