

Jm Vega

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

808
citations

567281

15
h-index

642732

23
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25
all docs

25
docs citations

25
times ranked

816
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Corrosion Mechanism of Microporous Nickel-Chromium Coatings: Part I. Impact of Cupric Ions on Nickel Layers. <i>Journal of the Electrochemical Society</i> , 2022, 169, 021503. | 2.9 | 1 |
| 2 | Corrosion Mechanism of Microporous Nickel-Chromium Coatings: Part II. SECM Study Monitoring Cu ²⁺ and Oxygen Reduction. <i>Journal of the Electrochemical Society</i> , 2022, 169, 021509. | 2.9 | 0 |
| 3 | Assessing the Effect of CeO ₂ Nanoparticles as Corrosion Inhibitor in Hybrid Biobased Waterborne Acrylic Direct to Metal Coating Binders. <i>Polymers</i> , 2021, 13, 848. | 4.5 | 16 |
| 4 | Impact of the in-situ phosphatization on the corrosion resistance of steel coated with fluorinated waterborne binders assessed by SKP and EIS. <i>Progress in Organic Coatings</i> , 2020, 148, 105706. | 3.9 | 9 |
| 5 | In-situ phosphatization and enhanced corrosion properties of films made of phosphate functionalized nanoparticles. <i>Reactive and Functional Polymers</i> , 2019, 143, 104334. | 4.1 | 25 |
| 6 | Combined Effect of Crystalline Nanodomains and <i>in Situ</i> Phosphatization on the Anticorrosion Properties of Waterborne Composite Latex Films. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21022-21030. | 3.7 | 15 |
| 7 | AN SKP and EIS study of microporous nickel-chromium coatings in copper containing electrolytes. <i>Electrochimica Acta</i> , 2019, 318, 683-694. | 5.2 | 15 |
| 8 | Tribocorrosion study of Ni/B electrodeposits with low B content. <i>Surface and Coatings Technology</i> , 2019, 369, 1-15. | 4.8 | 10 |
| 9 | Effect of Mo addition on corrosion of Zn coatings electrodeposited on steel. <i>Corrosion Science</i> , 2018, 135, 107-119. | 6.6 | 26 |
| 10 | Effective incorporation of ZnO nanoparticles by miniemulsion polymerization in waterborne binders for steel corrosion protection. <i>Journal of Coatings Technology Research</i> , 2017, 14, 829-839. | 2.5 | 15 |
| 11 | Exploring the corrosion inhibition of aluminium by coatings formulated with calcium exchange bentonite. <i>Progress in Organic Coatings</i> , 2017, 111, 273-282. | 3.9 | 11 |
| 12 | Effect of different post-treatments on the corrosion resistance and tribological properties of AZ91D magnesium alloy coated PEO. <i>Surface and Coatings Technology</i> , 2015, 278, 99-107. | 4.8 | 68 |
| 13 | On the role of free carboxylic groups and cluster conformation on the surface scratch healing behaviour of ionomers. <i>European Polymer Journal</i> , 2014, 57, 121-126. | 5.4 | 51 |
| 14 | Atmospheric corrosion of Ni-advanced weathering steels in marine atmospheres of moderate salinity. <i>Corrosion Science</i> , 2013, 76, 348-360. | 6.6 | 153 |
| 15 | Corrosion inhibition of aluminum by organic coatings formulated with calcium exchange silica pigment. <i>Journal of Coatings Technology Research</i> , 2013, 10, 209-217. | 2.5 | 12 |
| 16 | Ion-exchange pigments in primer paints for anticorrosive protection of steel in atmospheric service: Anion-exchange pigments. <i>Progress in Organic Coatings</i> , 2013, 76, 411-424. | 3.9 | 26 |
| 17 | Mapping air pollution effects on atmospheric degradation of cultural heritage. <i>Journal of Cultural Heritage</i> , 2013, 14, 138-145. | 3.3 | 44 |
| 18 | Ion-exchange pigments in primer paints for anticorrosive protection of steel in atmospheric service: Cation-exchange pigments. <i>Progress in Organic Coatings</i> , 2012, 75, 147-161. | 3.9 | 28 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Corrosion inhibition of aluminum by coatings formulated with Al-Zn vanadate hydrotalcite. Progress in Organic Coatings, 2011, 70, 213-219. | 3.9 | 59 |
| 20 | Paint systems formulated with ion-exchange pigments applied on carbon steel: Effect of surface preparation. Progress in Organic Coatings, 2011, 70, 394-400. | 3.9 | 19 |
| 21 | City scale assessment model for air pollution effects on the cultural heritage. Atmospheric Environment, 2011, 45, 1242-1250. | 4.1 | 54 |
| 22 | Corrosion resistance of new epoxy-siloxane hybrid coatings. A laboratory study. Progress in Organic Coatings, 2010, 69, 278-286. | 3.9 | 71 |
| 23 | Mapas de España de corrosividad del zinc en atmósferas rurales. Revista De Metalurgia, 2010, 46, 485-492. | 0.5 | 13 |
| 24 | Anticorrosive behaviour of alkyd paints formulated with ion-exchange pigments. Progress in Organic Coatings, 2008, 61, 283-290. | 3.9 | 65 |
| 25 | Unravelling the Fe Effect on the Corrosion of Chromium Coatings: Chemical Composition and Semiconducting Properties. Journal of the Electrochemical Society, 0, , . | 2.9 | 2 |