Jm Vega

List of Publications by Year
in descending order

25 papers	808 citations	567281 15 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	816 citing authors

#	Article	IF	Citations
1	Atmospheric corrosion of Ni-advanced weathering steels in marine atmospheres of moderate salinity. Corrosion Science, 2013, 76, 348-360.	6.6	153
2	Corrosion resistance of new epoxyâ€“siloxane hybrid coatings. A laboratory study. Progress in Organic Coatings, 2010, 69, 278-286.	3.9	71
3	Effect of different post-treatments on the corrosion resistance and tribological properties of AZ91D magnesium alloy coated PEO. Surface and Coatings Technology, 2015, 278, 99-107.	4.8	68
4	Anticorrosive behaviour of alkyd paints formulated with ion-exchange pigments. Progress in Organic Coatings, 2008, 61, 283-290.	3.9	65
5	Corrosion inhibition of aluminum by coatings formulated with Alâ€“Znâ€“vanadate hydrotalcite. Progress in Organic Coatings, 2011, 70, 213-219.	3.9	59
6	City scale assessment model for air pollution effects on the cultural heritage. Atmospheric Environment, 2011, 45, 1242-1250.	4.1	54
7	On the role of free carboxylic groups and cluster conformation on the surface scratch healing behaviour of ionomers. European Polymer Journal, 2014, 57, 121-126.	5.4	51
8	Mapping air pollution effects on atmospheric degradation of cultural heritage. Journal of Cultural Heritage, 2013, 14, 138-145.	3.3	44
9	Ion-exchange pigments in primer paints for anticorrosive protection of steel in atmospheric service: Cation-exchange pigments. Progress in Organic Coatings, 2012, 75, 147-161.	3.9	28
10	Ion-exchange pigments in primer paints for anticorrosive protection of steel in atmospheric service: Anion-exchange pigments. Progress in Organic Coatings, 2013, 76, 411-424.	3.9	26
11	Effect of Mo addition on corrosion of Zn coatings electrodeposited on steel. Corrosion Science, 2018, 135, 107-119.	6.6	26
12	In-situ phosphatization and enhanced corrosion properties of films made of phosphate functionalized nanoparticles. Reactive and Functional Polymers, 2019, 143, 104334.	4.1	25
13	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
14	Assessing the Effect of CeO2 Nanoparticles as Corrosion Inhibitor in Hybrid Biobased Waterborne Acrylic Direct to Metal Coating Binders. Polymers, 2021, 13, 848.	4.5	16
15	Effective incorporation of ZnO nanoparticles by miniemulsion polymerization in waterborne binders for steel corrosion protection. Journal of Coatings Technology Research, 2017, 14, 829-839.	2.5	15
16	Combined Effect of Crystalline Nanodomains and in Situ Phosphatization on the Anticorrosion Properties of Waterborne Composite Latex Films. Industrial & Engineering Chemistry Research, 2019, 58, 21022-21030.	3.7	15
17	AN SKP and EIS study of microporous nickel-chromium coatings in copper containing electrolytes. Electrochimica Acta, 2019, 318, 683-694.	5.2	15
18	Mapas de EspaÃ±a de corrosividad del zinc en atmÃ³sferas rurales. Revista De Metalurgia, 2010, 46, 485-492.	0.5	13

#	ARTICLE	IF	CITATIONS
19	Corrosion inhibition of aluminum by organic coatings formulated with calcium exchange silica pigment. Journal of Coatings Technology Research, 2013, 10, 209-217.	2.5	12
20	Exploring the corrosion inhibition of aluminium by coatings formulated with calcium exchange bentonite. Progress in Organic Coatings, 2017, 111, 273-282.	3.9	11
21	Tribocorrosion study of Ni/B electrodeposits with low B content. Surface and Coatings Technology, 2019, 369, 1-15.	4.8	10
22	Impact of the in-situ phosphatization on the corrosion resistance of steel coated with fluorinated waterborne binders assessed by SKP and EIS. Progress in Organic Coatings, 2020, 148, 105706.	3.9	9
23	Unravelling the Fe Effect on the Corrosion of Chromium Coatings: Chemical Composition and Semiconducting Properties. Journal of the Electrochemical Society, 0, , .	2.9	2
24	Corrosion Mechanism of Microporous Nickel-Chromium Coatings: Part I. Impact of Cupric Ions on Nickel Layers. Journal of the Electrochemical Society, 2022, 169, 021503.	2.9	1
25	Corrosion Mechanism of Microporous Nickel-Chromium Coatings: Part II. SECM Study Monitoring Cu²⁺ and Oxygen Reduction. Journal of the Electrochemical Society, 2022, 169, 021509.	2.9	0