

# Youcef Hamlaoui

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

529  
citations

840119

11  
h-index

996533

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15  
docs citations

15  
times ranked

453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cathodic electrodeposition of cerium-based oxides on carbon steel from concentrated cerium nitrate solutions. <i>Materials Chemistry and Physics</i> , 2009, 113, 650-657.	2.0	138
2	Effects of polyethylene glycol (PEG) on the corrosion inhibition of mild steel by cerium nitrate in chloride solution. <i>Applied Surface Science</i> , 2019, 473, 449-460.	3.1	63
3	Cathodic electrodeposition of cerium based oxides on carbon steel from concentrated cerium nitrate. Part II: Influence of electrodeposition parameters and of the addition of PEG. <i>Materials Chemistry and Physics</i> , 2010, 120, 172-180.	2.0	51
4	Investigation of electrodeposited cerium oxide based films on carbon steel and of the induced formation of carbonated green rusts. <i>Corrosion Science</i> , 2008, 50, 2182-2188.	3.0	49
5	On the corrosion resistance of porous electroplated zinc coatings in different corrosive media. <i>Corrosion Science</i> , 2010, 52, 1883-1888.	3.0	41
6	Corrosion monitoring of galvanised coatings through electrochemical impedance spectroscopy. <i>Corrosion Science</i> , 2008, 50, 1558-1566.	3.0	39
7	Corrosion behaviour of molybdate-phosphate-silicate coatings on galvanized steel. <i>Corrosion Science</i> , 2009, 51, 2455-2462.	3.0	39
8	Electrodeposition of ceria-based layers on zinc electroplated steel. <i>Corrosion Science</i> , 2010, 52, 1020-1025.	3.0	38
9	Corrosion Protection of Electro-Galvanized Steel by Ceria-Based Coatings: Effect of Polyethylene Glycol (PEG) Addition. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 2706-2715.	1.2	13
10	Comparison Between the Inhibition Efficiencies of Two Modification Processes with PEG-Ceria Based Layers Against Corrosion of Mild Steel in Chloride and Sulfate Media. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4402-4414.	1.2	13
11	Effect of the temperature of cerium nitrate-NaCl solution on corrosion inhibition of mild steel. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 1300-1309.	0.8	13
12	Effect of the pH of the electrolyte on the formation and on the corrosion properties of ceria based coating on carbon steel. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 110-119.	0.8	12
13	Comparative Study by Electrochemical Impedance Spectroscopy (EIS) On The Corrosion Resistance of Industrial and Laboratory Zinc Coatings. <i>American Journal of Applied Sciences</i> , 2007, 4, 430-438.	0.1	11
14	Corrosion Resistance of Electrogalvanized Steel Coated with PEG-Modified Ceria Layers in Chloride and Sulfate Media. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 4626-4635.	1.2	6
15	Corrosion properties of ceria-based coating electrodeposited from alkaline bath on electrogalvanized steel. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 567-580.	1.5	3