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List of Publications by Year
in descending order

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34	616	623734	610901
papers	citations	14 h-index	24 g-index

34	34	34	665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sunflower seed hull extract as a novel green corrosion inhibitor for mild steel in HCl solution. Journal of Molecular Liquids, 2018, 254, 377-382.	4.9	128
2	Ceria embedded nanocomposite coating fabricated by plasma electrolytic oxidation on titanium. Journal of Alloys and Compounds, 2016, 685, 376-383.	5.5	62
3	Microstructure, deposition mechanism and corrosion behavior of nanostructured cerium oxide conversion coating modified with chitosan on AA2024 aluminum alloy. Journal of Alloys and Compounds, 2017, 725, 968-975.	5.5	53
4	Nanostructural and electrochemical characteristics of cerium oxide thin films deposited on AA5083-H321 aluminum alloy substrates by dip immersion and solâ€“gel methods. Thin Solid Films, 2009, 517, 4792-4799.	1.8	32
5	EIS study of nano crystalline Ni-cerium oxide coating electrodeposition mechanism. Journal of Alloys and Compounds, 2011, 509, 1924-1930.	5.5	32
6	Microstructure and mechanical properties of resistance spot welded dual-phase steels with various silicon contents. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 790, 139703.	5.6	31
7	Effect of current density on DC electrochemical phosphating of stainless steel 316. Surface and Coatings Technology, 2010, 205, 2302-2306.	4.8	27
8	Synthesis and properties of high corrosion resistant Niâ€“cerium oxide nanoâ€composite coating. Materials and Corrosion - Werkstoffe Und Korrosion, 2013, 64, 1104-1113.	1.5	26
9	Effect of cerium doping on corrosion resistance of amorphous silicaâ€“titanium solâ€“gel coating. Current Applied Physics, 2010, 10, 1022-1028.	2.4	23
10	Corrosion and mechanical behaviour of biodegradable PLA-cellulose nanocomposite coating on AZ31 magnesium alloy. Surface Engineering, 2021, 37, 236-245.	2.2	20
11	Economical deposition of Ni high cerium oxide nanocomposite coatings. Surface Engineering, 2012, 28, 418-423.	2.2	18
12	Investigation of heat-treatment and pre-treatment on microstructure and electrochemical properties of cerium nano-oxide films on AA7020-T6 by solâ€“gel methods. Applied Surface Science, 2008, 254, 5683-5690.	6.1	17
13	Using oral penicillin as a novel environmentally friendly corrosion inhibitor for low carbon steel in an environment containing hydrogen sulfide corrosive gas. Journal of Natural Gas Science and Engineering, 2020, 77, 103262.	4.4	17
14	The bake hardening mechanism of dual-phase silicon steels under high pre-strain. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 770, 138544.	5.6	14
15	Effect of heat treatment on corrosion properties of solâ€“gel titaniaâ€“ceria nanocomposite coating. Journal of Alloys and Compounds, 2010, 504, 237-242.	5.5	13
16	Formation of Î²-NiAl nanocomposite coating by electrodeposition and effect of cerium ion doping on its oxidation mechanism. Ceramics International, 2017, 43, 9979-9984.	4.8	12
17	Preparation and characterization of hydroxyapatite/titania nanocomposite coatings on titanium by electrophoretic deposition. Materials Research Express, 2018, 5, 115004.	1.6	11
18	Study of corrosion behavior of the biodegradable chitosan-polyvinyl alcohol coatings on AA8011 aluminum alloy. Materials Research Express, 2019, 6, 055312.	1.6	10

#	Article	IF	Citations
19	Relationship between Microstructure and Corrosion Behavior in Dualâ€Phase Steels with Various Si Content. Steel Research International, 2019, 90, 1900331.	1.8	9
20	Electrodeposition of Ni/ceria composites: an in situ visible reflectance investigation. Journal of Solid State Electrochemistry, 2012, 16, 3429-3441.	2.5	8
21	Effect of Silicon Content on the Wear Behavior of Low-Carbon Dual-Phase Steels. Tribology Letters, 2019, 67, 1.	2.6	8
22	Effect of electrolyte temperature on the nano-carbonitride layer fabricated by surface nanocrystallization and plasma treatment on a Î³-TiAl alloy. Rare Metals, 2009, 28, 454-459.	7.1	6
23	In situ fabrication of high-percent Niâ€“graphene nanocomposite coating. Carbon Letters, 2020, 30, 63-71.	5.9	6
24	Electrodeposition of DLC films on carbon steel from acetic acid solutions. Transactions of the Institute of Metal Finishing, 2014, 92, 183-188.	1.3	5
25	Evolutions of Microstructural and Mechanical Properties of Tempered Dual-Phase Steels Influenced by Silicon Content and the Intercritical Annealing Temperature. Journal of Materials Engineering and Performance, 2022, 31, 5441-5457.	2.5	5
26	Study of solâ€“gel process for preparing cerium nano-oxide films on AA7020-T6 Al alloy. Surface Engineering, 2009, 25, 393-402.	2.2	4
27	Electrophoretic deposition of alginate coatings from different alcohol-water mixtures. Surface Engineering, 2021, 37, 1176-1185.	2.2	4
28	Effect of cerium ion addition on corrosion and wear characteristics of plasma electrolytic oxidation coating of CP-Ti. Protection of Metals and Physical Chemistry of Surfaces, 2016, 52, 1093-1099.	1.1	3
29	Comparing Morphology and Corrosion Behavior of Nanostructured Coatings Obtained via Plasma Electrolytic Oxidation with Direct and Pulse Currents on Commercial Titanium Substrate. Surface Engineering and Applied Electrochemistry, 2019, 55, 667-678.	0.8	3
30	Effects of acetic acid on microstructure and electrochemical properties of nano cerium oxide films coated on AA7020-T6 aluminum alloy. Rare Metals, 2009, 28, 98-101.	7.1	2
31	A novel approach to prepare Ni-Al mesoporous powder using electrochemical method in one step. Journal of Alloys and Compounds, 2017, 705, 226-231.	5.5	2
32	The use of nanoemulsion-based strategies to improve corrosion inhibition efficiency of Thyme-based inhibitor. Journal of Molecular Liquids, 2019, 296, 112110.	4.9	2
33	In Situ Formation of Extremely High Corrosion Resistant Niâ€“Ni3Si Nanocomposite Coating Using Spark Plasma Sintering and Subsequent Heat Treatment. Metals and Materials International, 2022, 28, 646-656.	3.4	2
34	Novel Approach for the Synthesis of Highly Corrosion Resistant and Electrically Conductive Cerium Hexaboride Coating. Journal of Materials Engineering and Performance, 0, , 1.	2.5	1