

Yuwei

List of Publications by Year in descending order

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18
papers

935
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-efficiency corrosion inhibitor of N-doped citric acid-based carbon dots for mild steel in hydrochloric acid environment. <i>Journal of Hazardous Materials</i> , 2020, 381, 121019.	12.4	231
2	Improvement of anticorrosion ability of epoxy matrix in simulate marine environment by filled with superhydrophobic POSS-GO nanosheets. <i>Journal of Hazardous Materials</i> , 2019, 364, 244-255.	12.4	143
3	Corrosion protective mechanism of smart graphene-based self-healing coating on carbon steel. <i>Corrosion Science</i> , 2020, 174, 108825.	6.6	128
4	Doping carbon to improve the tribological performance of CrN coatings in seawater. <i>Tribology International</i> , 2015, 90, 362-371.	5.9	97
5	An analysis on tribological performance of CrCN coatings with different carbon contents in seawater. <i>Tribology International</i> , 2015, 91, 131-139.	5.9	92
6	Influences of bias voltage on the microstructures and tribological performances of Cr ⁶⁺ -N coatings in seawater. <i>Surface and Coatings Technology</i> , 2015, 270, 305-313.	4.8	62
7	Understanding the corrosion and tribological behaviors of CrSiN coatings with various Si contents in HCl solution. <i>Tribology International</i> , 2019, 131, 530-540.	5.9	36
8	The role of Y ₂ O ₃ , Cu, Mo and Mo ₂ C additives on optimizing the corrosion resistance of WC-6Co cemented carbide in HCl and NaOH solutions. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154269.	5.5	33
9	Structure, mechanical and tribological properties in seawater of multilayer TiSiN/Ni coatings prepared by cathodic arc method. <i>Applied Surface Science</i> , 2019, 493, 1177-1186.	6.1	30
10	An analysis of the tribological mechanism of GLC film in artificial seawater. <i>RSC Advances</i> , 2016, 6, 32922-32931.	3.6	23
11	Structure, corrosion, and tribological properties of CrSiN coatings with various Si contents in 3.5% NaCl solution. <i>Surface and Interface Analysis</i> , 2018, 50, 471-479.	1.8	19
12	A study for anticorrosion and tribological behaviors of thin/thick diamond-like carbon films in seawater. <i>Surface Topography: Metrology and Properties</i> , 2018, 6, 014004.	1.6	11
13	Micro/Nanotexture Design for Improving Tribological Properties of Cr/GLC Films in Seawater. <i>Tribology Transactions</i> , 2017, 60, 95-105.	2.0	9
14	Understanding corrosion and tribology behaviors of VN and VCN coatings in seawater. <i>Tungsten</i> , 2019, 1, 110-119.	4.8	9
15	Doping silicon to enhance the anti-corrosion and anti-wear abilities of chromium nitride coating in seawater. <i>Surface Topography: Metrology and Properties</i> , 2018, 6, 044001.	1.6	6
16	Effect of load and sliding speed on the tribological properties of graphite-like carbon film under different aqueous environments. <i>Surface Topography: Metrology and Properties</i> , 2018, 6, 034016.	1.6	3
17	Silicon content design of CrSiN films for good anti-corrosion and anti-wear performances in NaOH solution. <i>Surface Topography: Metrology and Properties</i> , 2018, 6, 024001.	1.6	2
18	Comparative study on tribological behavior of CrAlN coating in atmosphere, deionized water and 5 wt% NaCl solution. <i>Surface Topography: Metrology and Properties</i> , 2019, 7, 045012.	1.6	1