Ken Chen

List of Publications by Year
in descending order

11 papers	79 citations	1684188 5 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	27 citing authors

#	Article	IF	Citations
1	Simulating sulfuric acid dew point corrosion of enamels with different contents of silica. Corrosion Science, 2017, 127, 201-212.	6.6	20
2	Microâ€alloys precipitation in NiOâ€•and CoOâ€bearing enamel coatings and their effect on adherence of enamel/steel. International Journal of Applied Glass Science, 2018, 9, 70-84.	2.0	12
3	Corrosion of SiO2â€“B2O3â€“Al2O3â€“CaF2-R2O (R=Na and K) enamels with different content of ZrO2 in H2SO4 and NaOH solutions. Ceramics International, 2019, 45, 14958-14967.	4.8	10
4	Effect of SiO2â€“Al2O3 Glass Composite Coating on the Oxidation Behavior of Ti60 Alloy. Materials, 2020, 13, 5085.	2.9	6
5	Tuning the Surface Characteristic of Al-Si Alloys and Its Impacts on the Formation of Micro Arc Oxidation Layers. Coatings, 2021, 11, 453.	2.6	6
6	Influence of Electrolyte Temperature on the Color Values of Black Plasma Electrolytic Oxidation Coatings on AZ31B Mg Alloy. Coatings, 2020, 10, 890.	2.6	5
7	Improved Oxidation and Hot Corrosion Resistance of 1Cr11Ni2W2MoV Stainless Steel at 650 Â°C by a Novel Glass-Ceramic Coating. Crystals, 2021, 11, 1213.	2.2	5
8	Exploring the hindering mechanism of element Ti on the adherence of CoOâ€bearing oneâ€coat enamel/steel. International Journal of Applied Ceramic Technology, 2019, 16, 185-194.	2.1	4
9	Microstructure Study of Phase Transformation of Quartz in Potassium Silicate Glass at 900 Â°C and 1000 Â°C. Crystals, 2021, 11, 1481.	2.2	4
10	Excellent hot-corrosion and thermal-shock resistance of metal-enamel composite coating on martensitic stainless steel enabled by interface engineering. Corrosion Science, 2022, 202, 110286.	6.6	4
11	Thermal shock and sulfuric acid corrosion behavior of enamelâ€“nanoâ€Ni composite/enamelâ€“nanoâ€nickel composite coating. International Journal of Applied Glass Science, 2020, 11, 784-795.	2.0	3