

# Ken Chen

## List of Publications by Year in descending order

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11  
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1684188  
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#	ARTICLE	IF	CITATIONS
1	Excellent hot-corrosion and thermal-shock resistance of metal-enamel composite coating on martensitic stainless steel enabled by interface engineering. <i>Corrosion Science</i> , 2022, 202, 110286.	6.6	4
2	Tuning the Surface Characteristic of Al-Si Alloys and Its Impacts on the Formation of Micro Arc Oxidation Layers. <i>Coatings</i> , 2021, 11, 453.	2.6	6
3	Improved Oxidation and Hot Corrosion Resistance of 1Cr11Ni2W2MoV Stainless Steel at 650 °C by a Novel Glass-Ceramic Coating. <i>Crystals</i> , 2021, 11, 1213.	2.2	5
4	Microstructure Study of Phase Transformation of Quartz in Potassium Silicate Glass at 900 °C and 1000 °C. <i>Crystals</i> , 2021, 11, 1481.	2.2	4
5	Influence of Electrolyte Temperature on the Color Values of Black Plasma Electrolytic Oxidation Coatings on AZ31B Mg Alloy. <i>Coatings</i> , 2020, 10, 890.	2.6	5
6	Effect of SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Glass Composite Coating on the Oxidation Behavior of Ti60 Alloy. <i>Materials</i> , 2020, 13, 5085.	2.9	6
7	Thermal shock and sulfuric acid corrosion behavior of enamel-nano-Ni composite/enamel-nano-Nickel composite coating. <i>International Journal of Applied Glass Science</i> , 2020, 11, 784-795.	2.0	3
8	Corrosion of SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> -CaF <sub>2</sub> -R <sub>2</sub> O (R=Na and K) enamels with different content of ZrO <sub>2</sub> in H <sub>2</sub> SO <sub>4</sub> and NaOH solutions. <i>Ceramics International</i> , 2019, 45, 14958-14967.	4.8	10
9	Exploring the hindering mechanism of element Ti on the adherence of CoO-bearing oxide coat enamel/steel. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 185-194.	2.1	4
10	Microalloys precipitation in NiO- and CoO-bearing enamel coatings and their effect on adherence of enamel/steel. <i>International Journal of Applied Glass Science</i> , 2018, 9, 70-84.	2.0	12
11	Simulating sulfuric acid dew point corrosion of enamels with different contents of silica. <i>Corrosion Science</i> , 2017, 127, 201-212.	6.6	20