

Zahra Rajabalizadeh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Application of electroless Ni-P coating on magnesium alloy via CrO ₃ /HF free titanate pretreatment. <i>Applied Surface Science</i> , 2017, 422, 696-709.	6.1	84
2	Environmentally-friendly method for electroless Ni-P plating on magnesium alloy. <i>Surface and Coatings Technology</i> , 2013, 218, 119-126.	4.8	77
3	PTMS/OH-MWCNT sol-gel nanocomposite for corrosion protection of magnesium alloy. <i>Surface and Coatings Technology</i> , 2018, 335, 228-240.	4.8	76
4	Sol-gel/MOF nanocomposite for effective protection of 2024 aluminum alloy against corrosion. <i>Surface and Coatings Technology</i> , 2019, 380, 125038.	4.8	61
5	Strontium phosphate conversion coating as an economical and environmentally-friendly pretreatment for electroless plating on AM60B magnesium alloy. <i>Surface and Coatings Technology</i> , 2016, 304, 450-458.	4.8	56
6	High corrosion protection performance of the LDH/Ni-P composite coating on AM60B magnesium alloy. <i>Surface and Coatings Technology</i> , 2020, 397, 125979.	4.8	44
7	Application of novel sol-gel composites on magnesium alloy. <i>Journal of Magnesium and Alloys</i> , 2019, 7, 419-432.	11.9	42
8	Electrochemical noise analysis to examine the corrosion behavior of Ni-P deposit on AM60B alloy plated by Zr pretreatment. <i>Surface and Coatings Technology</i> , 2018, 346, 29-39.	4.8	38
9	Electroless Ni-P plating on magnesium alloy by innovative, simple and non-toxic oxalate pretreatment and its corrosion protection. <i>RSC Advances</i> , 2016, 6, 97241-97252.	3.6	33
10	The effect of copper ion on microstructure, plating rate and anticorrosive performance of electroless Ni-P coating on AZ61 magnesium alloy. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014, 50, 516-523.	1.1	25
11	Corrosion protection and mechanical properties of the electroless Ni-P-MOF nanocomposite coating on AM60B magnesium alloy. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 2280-2295.	11.9	25
12	Electroless Ni-B-MMT nanocomposite on magnesium alloy. <i>Surface Engineering</i> , 2021, 37, 1194-1205.	2.2	8
13	Online evaluation of electroless deposition rate by electrochemical noise method. <i>Transactions of Nonferrous Metals Society of China</i> , 2019, 29, 1753-1762.	4.2	5