Fang-Zu Yang

List of Publications by Year
in descending order

20	192	1163117 8	1058476 14
papers	citations	h-index	g-index

21	21	21	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical and in situ FTIR spectroscopic studies of gentian violet as a novel leveler in through-holes metallization for printed circuit board applications. Electrochimica Acta, 2022, 410, 140018.	5.2	19
2	Electro-reduction of Cr(III) ions under the effects of complexing agents and Fe(II) ions. Journal of Electroanalytical Chemistry, 2021, 882, 114987.	3.8	0
3	Suppressing Sulfite Dimerization at a Polarized Gold Electrode/Water Solution Interface for High-Quality Gold Electrodeposition. Langmuir, 2021, 37, 11251-11259.	3.5	3
4	Novel and Green Chemical Compound of HAu(Cys)₂: Toward a Simple and Sustainable Electrolyte Recipe for Cyanide-Free Gold Electrodeposition. ACS Sustainable Chemistry and Engineering, 2020, 8, 14274-14279.	6.7	8
5	Insights into the Effects of Chloride ions on Cyanide-Free Gold Electrodeposition. Journal of the Electrochemical Society, 2020, 167, 102514.	2.9	1
6	Electrochemistry and Coordination Behaviors of Hypoxanthine-Au(III) Ion in the Cyanide-Free Gold Electrodeposition. Journal of the Electrochemical Society, 2020, 167, 022511.	2.9	4
7	Coordination behavior of theophylline with Au(III) and electrochemical reduction of the complex. Electrochimica Acta, 2019, 304, 168-174.	5.2	20
8	Phase transformation sequence of amorphous ferrochrome alloy electrodeposit. Journal of Alloys and Compounds, 2019, 780, 743-748.	5.5	1
9	Competing Mechanisms in the Acetaldehyde Functionalization of Positively Charged Hydrogenated Silicene. ChemPhysChem, 2017, 18, 281-286.	2.1	1
10	Electropolishing of titanium alloy under hydrodynamic mode. Science China Chemistry, 2016, 59, 1525-1528.	8.2	24
11	White-light induced grafting of 3-MPA on the Si(111)â€“H surface for catalyzing Au nanoparticlesâ€™ in situ growth. Nanoscale, 2015, 7, 9563-9569.	5.6	3
12	Rational fabrication of a gold-coated AFM TERS tip by pulsed electrodeposition. Nanoscale, 2015, 7, 18225-18231.	5.6	46
13	Competing Mechanistic Pathways of Ethylene Functionalization of Positively Charged Hâ€“Si(111) Surfaces. Journal of Physical Chemistry C, 2014, 118, 25987-25993.	3.1	1
14	Phase transformation sequence of mixed-structural electroless Ni-19.7at.% P deposit. Surface and Coatings Technology, 2013, 235, 277-282.	4.8	8
15	Electrodeposition, Structure and Corrosion Resistance of Nanocrystalline Niâ€W Alloy. Chinese Journal of Chemistry, 2004, 22, 228-231.	4.9	14
16	Influence of Chloride and PEG on Electrochemical Nucleation of Copper. Transactions of the Institute of Metal Finishing, 2002, 80, 183-186.	1.3	8
17	Studies of Structure and Electrocatalytic Hydrogen Evolution on Electrodeposited Nanocrystalline Ni-Mo Alloy Electrodes. Transactions of the Institute of Metal Finishing, 2001, 79, 136-139.	1.3	14
18	Study on Some Properties of the Electrolyte Solution in the Electrodeposition of Palladium. Transactions of the Institute of Metal Finishing, 1999, 77, 103-105.	1.3	2

#	Article	IF	Citations
19	A Study on the Effect of Bath Composition on the Internal Stress of a Palladium Electrodeposit. Transactions of the Institute of Metal Finishing, 1998, 76, 238-240.	1.3	4
20	Toward Preeminent Throwing Power from a Novel Alkaline Copper Electronic Electroplating Bath with Composite Coordination agents. ChemElectroChem, 0, , .	3.4	1