

# Junjun Huang

## List of Publications by Year in descending order

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30  
papers

313  
citations

933447

10  
h-index

839539

18  
g-index

30  
all docs

30  
docs citations

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times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Textile-based triboelectric nanogenerators via electroless plating for fabricating electrode material: Study of the relationship between electrostatic-charge density and strain in dielectric material. <i>Composites Science and Technology</i> , 2022, 218, 109187.	7.8	19
2	Novel electrode material using electroless nickel plating for triboelectric nanogenerator: Study of the relationship between electrostatic-charge density and strain in dielectric material. <i>Nano Energy</i> , 2022, 92, 106734.	16.0	27
3	Electroless plating process for the manufacture of radiation protection suits for pregnant woman: Effect of bending on its electromagnetic shielding performance. <i>Journal of Industrial Textiles</i> , 2022, 51, 3176S-3187S.	2.4	1
4	A facile method combined with electroless nickel plating and carbonization to fabricate textured Ni-coated carbon tube for flexible strain sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128729.	4.7	6
5	A Facile Process Combined with Electroless Deposition and Hydrophobic Treatment to Fabricate Self-cleaning Radiation Protection Suits for Pregnant Woman. <i>Fibers and Polymers</i> , 2022, 23, 1309-1317.	2.1	2
6	Fabrication of Ag Complexes Based on Multidentate Ligands toward High-Efficient and Facile Electroless Plating. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8075-8085.	6.7	3
7	Lightweight and textured Ni@Cu-encapsulated carbon tube with outstanding electromagnetic interference shielding performance. <i>Composites Science and Technology</i> , 2022, 228, 109636.	7.8	10
8	Surface metallization of PET sheet: Fabrication of Pd nanoparticle/polymer brush to catalyze electroless nickel plating. <i>Composites Science and Technology</i> , 2021, 202, 108547.	7.8	34
9	Electrodeposition of Silver@Graphene Films for Electronic Connectors in Succinimide Solutions. <i>Surface Engineering and Applied Electrochemistry</i> , 2021, 57, 75-87.	0.8	3
10	Stability Analysis: Rational Design of a Ag Nanoparticle/Polymer Brush for Fabricating Cu Coating on a PET Surface. <i>Langmuir</i> , 2021, 37, 5673-5681.	3.5	12
11	COMPREHENSIVE UTILIZATION OF PHOSPHOGYPSUM: ADSORPTION OF METHYLENE BLUE AND ITS APPLICATION IN BRICKS. <i>Surface Review and Letters</i> , 2021, 28, 2150075.	1.1	4
12	Electroless Deposition to Fabricate Radiation Protection Suits for Pregnant Women: Effect of Water Bath Temperature on the Electromagnetic Shielding Performance. <i>ChemistrySelect</i> , 2021, 6, 13409-13413.	1.5	0
13	A facile process to fabricate metal coating on PET sheet: Preparation of highly active polymer brush/Ag particle and its application in electroless copper plating. <i>Chemical Engineering Journal</i> , 2020, 383, 123199.	12.7	42
14	Preparation of polymer brush/Ni particle and its application in electroless copper plating on PA12 powder. <i>Applied Surface Science</i> , 2020, 506, 144935.	6.1	35
15	EFFECTS OF Pd <sup>2+</sup> CONCENTRATION ON THE STRUCTURAL PROPERTY OF NICKEL-PLATED PLANT FIBER NON-WOVEN SHEET. <i>Surface Review and Letters</i> , 2020, 27, 1950163.	1.1	0
16	GROWTH MECHANISM OF NICKEL-PLATED COATING ON PRIMER-MODIFIED POLY(ETHYLENE TEREPHTHALATE) SHEET. <i>Surface Review and Letters</i> , 2019, 26, 1850212.	1.1	0
17	Fabrication of Nickel Coating on Polyethylene Terephthalate Substrate Modified with Primer: Effect of Surface Roughness on Structural Properties of Plated Coating. <i>Journal of Electronic Materials</i> , 2019, 48, 6298-6305.	2.2	3
18	A facile method combined with catalyst solution printing and electroless plating to fabricate selective metal coating on inert polymer. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9767-9774.	2.2	8

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19	A facile process to fabricate electroless plating on PET sheet: Effects of surface roughness on adhesive force, electronic and structural properties of copper coating. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 406-413.	5.3	20
20	A NOVEL PREPARATION ROUTE FOR ELECTROLESS COPPER PLATING ON SURFACE OF CaCO <sub>3</sub> POWDERS. Surface Review and Letters, 2019, 26, 1850186.	1.1	1
21	EFFECTS OF ACTIVATED TIME ON STRUCTURAL PROPERTIES OF PLATED PLANT FIBER NONWOVEN SHEETS. Surface Review and Letters, 2019, 26, 1850124.	1.1	1
22	Stress behavior in nickel-plated coating on poly(ethylene terephthalate) substrate modified with primer. Journal of Materials Science: Materials in Electronics, 2018, 29, 6632-6638.	2.2	0
23	Fabrication of selective electroless copper plating on PET sheet: Effect of PET surface structure on resolution and adhesion of copper coating. Applied Surface Science, 2018, 458, 734-742.	6.1	30
24	High-adhesive electroless copper plating on polyethylene surface modified with primer. Journal of Solid State Electrochemistry, 2017, 21, 1559-1566.	2.5	8
25	Method for electroless nickel plating on poly(ethylene terephthalate) substrates and through holes modified with primer. Journal of Materials Science: Materials in Electronics, 2017, 28, 10974-10980.	2.2	4
26	Method for electroless nickel plating on the surface of CaCO <sub>3</sub> powders. RSC Advances, 2017, 7, 25622-25626.	3.6	9
27	EFFECTS OF pH ON Ni COATING ON POLY(ETHYLENE TEREPHTHALATE) SUBSTRATE BY PRINTING PRIME IN COMBINATION WITH PALLADIUM ACTIVATING. Surface Review and Letters, 2016, 23, 1650034.	1.1	0
28	Effects of temperature on Ni coating on poly(ethylene terephthalate) substrate modified with primer. Journal of Materials Science: Materials in Electronics, 2016, 27, 5892-5898.	2.2	11
29	High-conductivity SiO <sub>2</sub> -matrix B-doped Si-NC thin films by following ion-beam treatment. Electronic Materials Letters, 2016, 12, 738-741.	2.2	0
30	Method for electroless nickel plating on poly(ethylene terephthalate) substrate modified with primer and self-assembled monolayer. Journal of Materials Science: Materials in Electronics, 2015, 26, 10132-10137.	2.2	20