

Tami Lasseter Clare

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8212478/publications.pdf>

Version: 2024-02-01

19
papers

529
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

817
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Functional Monolayers for Improved Resistance to Protein Adsorption: Oligo(ethylene Terephthalate) on Graphene Oxide. <i>ACS Applied Materials</i> , 2014, 6, 1078-1085. | 10.7 | 110 |
| 2 | Covalent Functionalization for Biomolecular Recognition on Vertically Aligned Carbon Nanofibers. <i>Chemistry of Materials</i> , 2005, 17, 4971-4978. | 6.7 | 93 |
| 3 | Surface functionalization of thin-film diamond for highly stable and selective biological interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 983-988. | 7.1 | 87 |
| 4 | Surfactant-free hybridization of transition metal oxide nanoparticles with conductive graphene for high-performance supercapacitor. <i>Green Chemistry</i> , 2012, 14, 371-377. | 9.0 | 81 |
| 5 | Synthesis and Characterization of Flexible Hydrogel Electrodes for Electrochemical Impedance Measurements of Protective Coatings on Metal Sculptures. <i>Electroanalysis</i> , 2014, 26, 1059-1067. | 2.9 | 27 |
| 6 | Understanding the differences in film formation mechanisms of two comparable solvent based and water-borne coatings on bronze substrates by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2012, 62, 199-206. | 5.2 | 26 |
| 7 | Electrical characterization of nanowire bridges incorporating biomolecular recognition elements. <i>Nanotechnology</i> , 2005, 16, 2846-2851. | 2.6 | 19 |
| 8 | Characterizing and improving performance properties of thin solid films produced by weatherable water-borne colloidal suspensions on bronze substrates. <i>Progress in Organic Coatings</i> , 2012, 75, 215-223. | 3.9 | 19 |
| 9 | ON THE PROTECTIVE NATURE OF WAX COATINGS FOR CULTURALLY SIGNIFICANT OUTDOOR METALWORKS: MICROSTRUCTURAL FLAWS, OXIDATIVE CHANGES, AND BARRIER PROPERTIES. <i>Journal of the American Institute for Conservation</i> , 2015, 54, 181-201. | 0.5 | 16 |
| 10 | Measuring Sheet Resistances of Dielectrics Using Coplanar Hydrogel Electrochemical Cells with Practical Applications to Characterize the Protective Quality of Paints on Sculptures. <i>Electroanalysis</i> , 2017, 29, 1377-1387. | 2.9 | 11 |
| 11 | Electrochemical Identification and Categorization of the Protective Quality of Intact and Damaged Coatings. <i>Electroanalysis</i> , 2014, 26, 1935-1944. | 2.9 | 6 |
| 12 | Assessing the Protective Quality of Wax Coatings on Bronze Sculptures Using Hydrogel Patches in Impedance Measurements. <i>Coatings</i> , 2016, 6, 45. | 2.6 | 6 |
| 13 | Chemoselective Nanowire Fuses: Chemically Induced Cleavage and Electrical Detection of Carbon Nanofiber Bridges. <i>Small</i> , 2008, 4, 795-801. | 10.0 | 5 |
| 14 | Characterization of High Performance Protective Coatings for Use on Culturally Significant Works. <i>Journal of Cultural Heritage</i> , 2015, 16, 641-671. | | 5 |
| 15 | Minimizing Corrosion of Outdoor Metalworks Using Dispersed Chemically Stabilized Nanoclays in Polyvinylidene Fluoride Latex Coatings. <i>ACS Omega</i> , 2016, 1, 138-147. | 3.5 | 5 |
| 16 | Optimized micro-sampling and computational analysis for SERS identification of red organic dyes on prints. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120857. | 3.9 | 5 |
| 17 | Using Quenching To Detect Corrosion on Sculptural Metalwork: A Real-World Application of Fluorescence Spectroscopy. <i>Journal of Chemical Education</i> , 2018, 95, 858-863. | 2.3 | 3 |
| 18 | A multi-analytical approach to identify red colorants on woodblock prints attributed to Suzuki Harunobu. <i>Heritage Science</i> , 2022, 10, . | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Rapid quantitative spectroelectrochemical responses of hydrogel-based sensors for the in situ evaluation of corrosion inhibitors on steel. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 175-181. | 7.8 | 2 |