

Paula A Brooksby

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Building Tailored Interfaces through Covalent Coupling Reactions at Layers Grafted from Aryldiazonium Salts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11545-11570.	8.0	21
2	Immobilisation of Iron Porphyrin from an Equilibrium Solution with Diazonium-Functionalised Axial Ligand: Dependence of Film Composition on Grafting Potential. <i>ChemElectroChem</i> , 2021, 8, 3105-3112.	3.4	1
3	Measuring the Capacitance at Few- and Many-Layered Graphene Electrodes in Aqueous Acidic Solutions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6103-6108.	3.1	5
4	Controlled Spacing of Few-Layer Graphene Sheets Using Molecular Spacers: Capacitance That Scales with Sheet Number. <i>ACS Applied Nano Materials</i> , 2018, 1, 1420-1429.	5.0	7
5	Electrowetting on conductors: anatomy of the phenomenon. <i>Faraday Discussions</i> , 2017, 199, 49-61.	3.2	15
6	Diels-Alder Reaction of Anthranilic Acids: A Versatile Route to Dense Monolayers on Flat Edge and Basal Plane Graphitic Carbon Substrates. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23389-23395.	8.0	8
7	Reduction of Nitrophenyl Films in Aqueous Solutions: How Many Electrons?. <i>ChemElectroChem</i> , 2016, 3, 2021-2026.	3.4	10
8	Electrografting of 4-Nitrobenzenediazonium Ion at Carbon Electrodes: Catalyzed and Uncatalyzed Reduction Processes. <i>Langmuir</i> , 2016, 32, 468-476.	3.5	35
9	Spontaneous Modification of Free-Floating Few-Layer Graphene by Aryldiazonium Ions: Electrochemistry, Atomic Force Microscopy, and Infrared Spectroscopy from Grafted Films. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7543-7552.	3.1	17
10	Boron-Doped Diamond Dual-Plate Deep-Microtrench Device for Generator-Collector Sulfide Sensing. <i>Electroanalysis</i> , 2015, 27, 2645-2653.	2.9	6
11	Quantum Capacitance of Aryldiazonium Modified Large Area Few-Layer Graphene Electrodes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25778-25785.	3.1	25
12	Scanning Tunneling and Atomic Force Microscopy Evidence for Covalent and Noncovalent Interactions between Aryl Films and Highly Ordered Pyrolytic Graphite. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5820-5826.	3.1	28
13	Covalently Anchored Carboxyphenyl Monolayer via Aryldiazonium Ion Grafting: A Well-Defined Reactive Tether Layer for On-Surface Chemistry. <i>Langmuir</i> , 2014, 30, 7104-7111.	3.5	37
14	Electrochemical functionalization of glassy carbon electrode by reduction of diazonium cations in protic ionic liquid. <i>Electrochimica Acta</i> , 2013, 106, 378-385.	5.2	31
15	The stability of diazonium ion terminated films on glassy carbon and gold electrodes. <i>Electrochemistry Communications</i> , 2012, 19, 67-69.	4.7	21
16	Voltammetric and Electrochemical Impedance Study of Ferrocenyl Containing β -Peptide Monolayers on Gold. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7516-7526.	3.1	15
17	Electrochemistry of Ferrocenyl β -Peptide Monolayers on Gold. <i>Langmuir</i> , 2010, 26, 1334-1339.	3.5	20
18	Electrochemistry of Catechol Terminated Monolayers with Cu(II), Ni(II) and Fe(III) Cations: A Model for the Marine Adhesive Interface. <i>Langmuir</i> , 2008, 24, 9074-9081.	3.5	27

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19	Grafting Aryl Diazonium Cations to Polycrystalline Gold: Insights into Film Structure Using Gold Oxide Reduction, Redox Probe Electrochemistry, and Contact Angle Behavior. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7808-7815.	3.1	84
20	Olefin Cross-Metathesis of a Vinyl-Terminated Self-Assembled Monolayer (SAM) on Au(111): Electrochemical Study Using a Ferrocenyl Redox Center. <i>Langmuir</i> , 2006, 22, 9304-9312.	3.5	8
21	Effect of Applied Potential on Arylmethyl Films Oxidatively Grafted to Carbon Surfaces. <i>Langmuir</i> , 2005, 21, 11304-11311.	3.5	56
22	Multilayer Nitroazobenzene Films Covalently Attached to Carbon. An AFM and Electrochemical Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 8791-8798.	2.6	126
23	Nanoscale Patterning of Flat Carbon Surfaces by Scanning Probe Lithography and Electrochemistry. <i>Langmuir</i> , 2005, 21, 1672-1675.	3.5	72
24	Electrochemical and Atomic Force Microscopy Study of Carbon Surface Modification via Diazonium Reduction in Aqueous and Acetonitrile Solutions. <i>Langmuir</i> , 2004, 20, 5038-5045.	3.5	382