## Manuel A Méndez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11682743/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Elucidating the Reactivity of Tris(trimethylsilyl)phosphite and Tris(trimethylsilyl)phosphate Additives in Carbonate Electrolytes—A Comparative Online Electrochemical Mass Spectrometry Study. ACS Applied Energy Materials, 2020, 3, 290-299.	5.1	19
2	Operating EC-based Electrolytes with Li- and Mn-Rich NCMs: The Role of O <sub>2</sub> -Release on the Choice of the Cyclic Carbonate. Journal of the Electrochemical Society, 2020, 167, 110505.	2.9	19
3	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. Chemistry - A European Journal, 2019, 25, 12769-12779.	3.3	9
4	Editors' Choice—State of Charge Dependent Resistance Build-Up in Li- and Mn-Rich Layered Oxides during Lithium Extraction and Insertion. Journal of the Electrochemical Society, 2019, 166, A1275-A1284.	2.9	38
5	Operando Monitoring of F <sup>–</sup> Formation in Lithium Ion Batteries. Chemistry of Materials, 2019, 31, 1258-1267.	6.7	39
6	Oxygen Release and Surface Degradation of Li- and Mn-Rich Layered Oxides in Variation of the Li <sub>2</sub> MnO <sub>3</sub> Content. Journal of the Electrochemical Society, 2018, 165, A2718-A2731.	2.9	80
7	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie - International Edition, 2017, 56, 2324-2327.	13.8	24
8	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie, 2017, 129, 2364-2367.	2.0	6
9	Enhanced Reactivity of Water Clusters towards Oxidation in Water/Acetonitrile Mixtures. ChemElectroChem, 2016, 3, 2003-2007.	3.4	6
10	Boosting water oxidation layer-by-layer. Physical Chemistry Chemical Physics, 2016, 18, 9295-9304.	2.8	14
11	Chaotropic Agents Boosting the Performance of Photoionic Cells. Journal of Physical Chemistry C, 2015, 119, 4728-4735.	3.1	12
12	Charging and discharging at the nanoscale: Fermi level equilibration of metallic nanoparticles. Chemical Science, 2015, 6, 2705-2720.	7.4	173
13	Decamethylruthenocene Hydride and Hydrogen Formation at Liquid   Liquid Interfaces. Journal of Physical Chemistry C, 2015, 119, 25761-25769.	3.1	31
14	Catalysis of water oxidation in acetonitrile by iridium oxide nanoparticles. Chemical Science, 2015, 6, 1761-1769.	7.4	36
15	Gold Metal Liquid-Like Droplets. ACS Nano, 2014, 8, 9471-9481.	14.6	55
16	Photo-Ionic Cells: Two Solutions to Store Solar Energy and Generate Electricity on Demand. Journal of Physical Chemistry C, 2014, 118, 16872-16883.	3.1	13
17	Electrocatalysis on Oxide-Stabilized, High-Surface Area Carbon Electrodes. ACS Catalysis, 2013, 3, 1850-1854.	11.2	14
18	Photoreduction of CO <sub>2</sub> Using [Ru(bpy) <sub>2</sub> (CO)L] <sup><i>n+</i></sup> Catalysts in Biphasic Solution/Supercritical CO <sub>2</sub> Systems. Inorganic Chemistry, 2013, 52, 10949-10957.	4.0	46

MANUEL A MéNDEZ

#	Article	IF	CITATIONS
19	Melittin Adsorption and Lipid Monolayer Disruption at Liquid–Liquid Interfaces. Langmuir, 2011, 27, 13918-13924.	3.5	27
20	Hydrogen evolution catalyzed by electrodeposited nanoparticles at the liquid/liquid interface. Chemical Communications, 2011, 47, 5548-5550.	4.1	84
21	Evaluation of Gibbs Energy of Dioxouranium Transfer at an Electrified Liquid   Liquid Interface Supported on a Microhole. Electroanalysis, 2011, 23, 2677-2686.	2.9	12
22	Interfacial Photoreduction of Supercritical CO <sub>2</sub> by an Aqueous Catalyst. Angewandte Chemie - International Edition, 2011, 50, 7391-7394.	13.8	59
23	lonic partition diagram of tetraphenylporphyrin at the water   1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2011, 656, 147-151.	3.8	7
24	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid   Liquid Interfaces. ChemPhysChem, 2010, 11, 2979-2984.	2.1	23
25	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. Journal of Electroanalytical Chemistry, 2010, 639, 102-108.	3.8	40
26	Voltammetric determination of extreme standard Gibbs ion transfer energy. Journal of Electroanalytical Chemistry, 2010, 644, 60-66.	3.8	106
27	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 13733-13741.	13.7	80
28	Interfacial Complexes between a Protein and Lipophilic Ions at an Oilâ^'Water Interface. Analytical Chemistry, 2010, 82, 7699-7705.	6.5	47
29	Molecular electrocatalysis at soft interfaces. Physical Chemistry Chemical Physics, 2010, 12, 15163.	2.8	82
30	Formation and study of single metal ion–phospholipid complexes in biphasic electrospray ionization mass spectrometry. Metallomics, 2010, 2, 400.	2.4	15
31	Voltammetry for surface-active ions at polarisable liquid   liquid interfaces. Journal of Electroanalytical Chemistry, 2009, 634, 82-89.	3.8	14
32	Peptideâ^'Phospholipid Complex Formation at Liquidâ^'Liquid Interfaces. Analytical Chemistry, 2008, 80, 9499-9507.	6.5	31
33	Biphasic Electrospray Ionization for the Study of Interfacial Complexes. Analytical Sciences, 2008, 24, 1399-1404.	1.6	16