

# Manuel A MÃ©ndez

## List of Publications by Year in descending order

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33  
papers

1,296  
citations

393982

19  
h-index

377514

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35  
all docs

35  
docs citations

35  
times ranked

1661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidating the Reactivity of Tris(trimethylsilyl)phosphite and Tris(trimethylsilyl)phosphate Additives in Carbonate Electrolytesâ€”A Comparative Online Electrochemical Mass Spectrometry Study. ACS Applied Energy Materials, 2020, 3, 290-299.	2.5	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.	1.3	19
3	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. Chemistry - A European Journal, 2019, 25, 12769-12779.	1.7	9
4	Editors' Choiceâ€”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.	1.3	38
5	Operando Monitoring of F <sup>+</sup> Formation in Lithium Ion Batteries. Chemistry of Materials, 2019, 31, 1258-1267.	3.2	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.	1.3	80
7	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie - International Edition, 2017, 56, 2324-2327.	7.2	24
8	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie, 2017, 129, 2364-2367.	1.6	6
9	Enhanced Reactivity of Water Clusters towards Oxidation in Water/Acetonitrile Mixtures. ChemElectroChem, 2016, 3, 2003-2007.	1.7	6
10	Boosting water oxidation layer-by-layer. Physical Chemistry Chemical Physics, 2016, 18, 9295-9304.	1.3	14
11	Chaotropic Agents Boosting the Performance of Photoionic Cells. Journal of Physical Chemistry C, 2015, 119, 4728-4735.	1.5	12
12	Charging and discharging at the nanoscale: Fermi level equilibration of metallic nanoparticles. Chemical Science, 2015, 6, 2705-2720.	3.7	173
13	Decamethylruthenocene Hydride and Hydrogen Formation at Liquid   Liquid Interfaces. Journal of Physical Chemistry C, 2015, 119, 25761-25769.	1.5	31
14	Catalysis of water oxidation in acetonitrile by iridium oxide nanoparticles. Chemical Science, 2015, 6, 1761-1769.	3.7	36
15	Gold Metal Liquid-Like Droplets. ACS Nano, 2014, 8, 9471-9481.	7.3	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.	1.5	13
17	Electrocatalysis on Oxide-Stabilized, High-Surface Area Carbon Electrodes. ACS Catalysis, 2013, 3, 1850-1854.	5.5	14
18	Photoreduction of CO <sub>2</sub> Using [Ru(bpy) <sub>2</sub> (CO)L] <sup>n+</sup> Catalysts in Biphasic Solution/Supercritical CO <sub>2</sub> Systems. Inorganic Chemistry, 2013, 52, 10949-10957.	1.9	46

#	ARTICLE	IF	CITATIONS
19	Melittin Adsorption and Lipid Monolayer Disruption at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2011, 27, 13918-13924.	1.6	27
20	Hydrogen evolution catalyzed by electrodeposited nanoparticles at the liquid/liquid interface. <i>Chemical Communications</i> , 2011, 47, 5548-5550.	2.2	84
21	Evaluation of Gibbs Energy of Dioxouranium Transfer at an Electrified Liquid   Liquid Interface Supported on a Microhole. <i>Electroanalysis</i> , 2011, 23, 2677-2686.	1.5	12
22	Interfacial Photoreduction of Supercritical CO <sub>2</sub> by an Aqueous Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7391-7394.	7.2	59
23	Ionic partition diagram of tetraphenylporphyrin at the water   1,2-dichloroethane interface. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 147-151.	1.9	7
24	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid   Liquid Interfaces. <i>ChemPhysChem</i> , 2010, 11, 2979-2984.	1.0	23
25	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 102-108.	1.9	40
26	Voltammetric determination of extreme standard Gibbs ion transfer energy. <i>Journal of Electroanalytical Chemistry</i> , 2010, 644, 60-66.	1.9	106
27	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 13733-13741.	6.6	80
28	Interfacial Complexes between a Protein and Lipophilic Ions at an Oil-Water Interface. <i>Analytical Chemistry</i> , 2010, 82, 7699-7705.	3.2	47
29	Molecular electrocatalysis at soft interfaces. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15163.	1.3	82
30	Formation and study of single metal ion-phospholipid complexes in biphasic electrospray ionization mass spectrometry. <i>Metallomics</i> , 2010, 2, 400.	1.0	15
31	Voltammetry for surface-active ions at polarisable liquid   liquid interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2009, 634, 82-89.	1.9	14
32	Peptide-Phospholipid Complex Formation at Liquid-Liquid Interfaces. <i>Analytical Chemistry</i> , 2008, 80, 9499-9507.	3.2	31
33	Biphasic Electrospray Ionization for the Study of Interfacial Complexes. <i>Analytical Sciences</i> , 2008, 24, 1399-1404.	0.8	16