HernÃ¡n E Romeo

List of Publications by Year
in descending order

14 papers	200 citations	1163117 8 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	309 citing authors

#	Article	IF	Citations
1	Thermodynamic approach to simulate current densities of energy-harvesting microbial electrochemical systems fed with human urine. Bioresource Technology Reports, 2022, 18, 101058.	2.7	1
2	Urine dilution with a synthetic wastewater (Syntho) boosts the electricity production in a bio-electrochemical system powered by un-pretreated human urine. Bioelectrochemistry, 2021, 137, 107639.	4.6	5
3	Layered platforms of Ti4O7 as flow-through anodes for intensifying the electro-oxidation of bentazon. Journal of Environmental Management, 2020, 263, 110403.	7.8	12
4	PEG-based cross-linked films with aligned channels: combining cryogenic processing and photopolymerization for the design of micro-patterned oriented platforms. Molecular Systems Design and Engineering, 2019, 4, 133-143.	3.4	6
5	Hierarchically structured TiO2-based composites for Fenton-type oxidation processes. Journal of Environmental Management, 2019, 236, 591-602.	7.8	7
6	Layer-to-layer distance determines the performance of 3D bio-electrochemical lamellar anodes in microbial energy transduction processes. Journal of Materials Chemistry A, 2018, 6, 10019-10027.	10.3	13
7	Unidirectional freezing as a tool for tailoring air permeability in macroporous poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	8.7	13
8	New ceramic electrodes allow reaching the target current density in bioelectrochemical systems. Energy and Environmental Science, 2015, 8, 2707-2712.	30.8	43
9	2D-ice templated titanium oxide films as advanced conducting platforms for electrical stimulation. Journal of Materials Chemistry C, 2014, 2, 2806-2814.	5.5	12
10	Directional freezing of liquid crystalline systems: from silver nanowire/PVA aqueous dispersions to highly ordered and electrically conductive macroporous scaffolds. Journal of Materials Chemistry, 2012, 22, 9195.	6.7	39
11	Functionalized bridged silsesquioxane-based nanostructured microspheres: ultrasound-assisted synthesis and in vitro cytotoxicity characterization. Journal of Materials Science: Materials in Medicine, 2011, 22, 935-943.	3.6	3
12	Fast Synthesis of Nanostructured Microspheres of a Bridged Silsesquioxane via Ultrasoundâ€Assisted Solâ€“Gel Processing. Macromolecular Chemistry and Physics, 2009, 210, 172-178.	2.2	2
13	Self-Assembly of a Bridged Silsesquioxane Containing a Pendant Hydrophobic Chain in the Organic Bridge. Macromolecules, 2007, 40, 1435-1443.	4.8	36
14	Bridged Silsesquioxanes with Organic Domains Self-Assembled as Functionalized Molecular Channels. Macromolecular Chemistry and Physics, 2007, 208, 1202-1209.	2.2	8