

Hernán E Romeo

List of Publications by Year in descending order

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Version: 2024-02-01

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	New ceramic electrodes allow reaching the target current density in bioelectrochemical systems. <i>Energy and Environmental Science</i> , 2015, 8, 2707-2712.	30.8	43
2	Directional freezing of liquid crystalline systems: from silver nanowire/PVA aqueous dispersions to highly ordered and electrically conductive macroporous scaffolds. <i>Journal of Materials Chemistry</i> , 2012, 22, 9195.	6.7	39
3	Self-Assembly of a Bridged Silsesquioxane Containing a Pendant Hydrophobic Chain in the Organic Bridge. <i>Macromolecules</i> , 2007, 40, 1435-1443.	4.8	36
4	Unidirectional freezing as a tool for tailoring air permeability in macroporous poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 622 T	3.7	13
5	Layer-to-layer distance determines the performance of 3D bio-electrochemical lamellar anodes in microbial energy transduction processes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10019-10027.	10.3	13
6	2D-ice templated titanium oxide films as advanced conducting platforms for electrical stimulation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2806-2814.	5.5	12
7	Layered platforms of Ti4O7 as flow-through anodes for intensifying the electro-oxidation of bentazon. <i>Journal of Environmental Management</i> , 2020, 263, 110403.	7.8	12
8	Bridged Silsesquioxanes with Organic Domains Self-Assembled as Functionalized Molecular Channels. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1202-1209.	2.2	8
9	Hierarchically structured TiO2-based composites for Fenton-type oxidation processes. <i>Journal of Environmental Management</i> , 2019, 236, 591-602.	7.8	7
10	PEG-based cross-linked films with aligned channels: combining cryogenic processing and photopolymerization for the design of micro-patterned oriented platforms. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 133-143.	3.4	6
11	Urine dilution with a synthetic wastewater (Syntho) boosts the electricity production in a bio-electrochemical system powered by un-pretreated human urine. <i>Bioelectrochemistry</i> , 2021, 137, 107639.	4.6	5
12	Functionalized bridged silsesquioxane-based nanostructured microspheres: ultrasound-assisted synthesis and in vitro cytotoxicity characterization. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 935-943.	3.6	3
13	Fast Synthesis of Nanostructured Microspheres of a Bridged Silsesquioxane via Ultrasound-Assisted Sol-Gel Processing. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 172-178.	2.2	2
14	Thermodynamic approach to simulate current densities of energy-harvesting microbial electrochemical systems fed with human urine. <i>Bioresource Technology Reports</i> , 2022, 18, 101058.	2.7	1