

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term continuous production of H ₂ in a microbial electrolysis cell (MEC) treating saline wastewater. <i>Water Research</i> , 2015, 81, 149-156.	11.3	99
2	Kinetic modeling of surface reactions involved in CVI of pyrocarbon obtained by propane pyrolysis. <i>Carbon</i> , 2010, 48, 132-144.	10.3	45
3	Modelling potential/current distribution in microbial electrochemical systems shows how the optimal bioanode architecture depends on electrolyte conductivity. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22892-22902.	2.8	41
4	Iron-Nicarbazin derived platinum group metal-free electrocatalyst in scalable-size air-breathing cathodes for microbial fuel cells. <i>Electrochimica Acta</i> , 2018, 277, 127-135.	5.2	27
5	Catalysis of the hydrogen evolution reaction by hydrogen carbonate to decrease the voltage of microbial electrolysis cell fed with domestic wastewater. <i>Electrochimica Acta</i> , 2018, 275, 32-39.	5.2	24
6	Modelling the rheology and electrochemical performance of Li ₄ Ti ₅ O ₁₂ and LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ based suspensions for semi-solid flow batteries. <i>Electrochimica Acta</i> , 2019, 304, 146-157.	5.2	15
7	Benchmarking of Industrial Synthetic Graphite Grades, Carbon Felt, and Carbon Cloth as Cost-Efficient Bioanode Materials for Domestic Wastewater Fed Microbial Electrolysis Cells. <i>Frontiers in Energy Research</i> , 2019, 7, .	2.3	12
8	Pyrolysis of propane for CVI of pyrocarbon. Part IV: Main pathways involved in pyrocarbon deposit. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 48-58.	5.5	9
9	On the actual anode area that contributes to the current density produced by electroactive biofilms. <i>Electrochimica Acta</i> , 2018, 259, 395-401.	5.2	8
10	Industrially scalable surface treatments to enhance the current density output from graphite bioanodes fueled by real domestic wastewater. <i>IScience</i> , 2021, 24, 102162.	4.1	8
11	Design of 3D microbial anodes for microbial electrolysis cells (MEC) fuelled by domestic wastewater. Part I: Multiphysics modelling. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105476.	6.7	8
12	An interpretation of the hydrogen inhibiting effect on chemical vapor deposition of pyrocarbon. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 299-306.	5.5	3
13	Major Precursors of Pyrocarbon Deposition from Propane Pyrolysis. <i>ECS Transactions</i> , 2009, 25, 91-98.	0.5	2