Franky Bedoya-Lora

List of Publications by Year
in descending order

19	637	1040056 9	839539 18
papers	citations	h-index	g-index

20	20	20	938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flat band potential determination: avoiding the pitfalls. Journal of Materials Chemistry A, 2019, 7, 26162-26176.	10.3	258
2	Carbon nitride nanosheet/metalâ€“organic framework nanocomposites with synergistic photocatalytic activities. Catalysis Science and Technology, 2016, 6, 5042-5051.	4.1	116
3	From millimetres to metres: the critical role of current density distributions in photo-electrochemical reactor design. Energy and Environmental Science, 2017, 10, 346-360.	30.8	73
4	Optical Losses at Gas Evolving Photoelectrodes: Implications for Photoelectrochemical Water Splitting. Journal of Physical Chemistry C, 2019, 123, 17-28.	3.1	32
5	Effects of low temperature annealing on the photo-electrochemical performance of tin-doped hematite photo-anodes. Electrochimica Acta, 2017, 251, 1-11.	5.2	25
6	Towards an environmentally and economically sustainable biorefinery: heavy metal contaminated waste wood as a low-cost feedstock in a low-cost ionic liquid process. Green Chemistry, 2020, 22, 5032-5041.	9.0	24
7	En route to a unified model for photo-electrochemical reactor optimisation. I - Photocurrent and H₂ yield predictions. Journal of Materials Chemistry A, 2017, 5, 22683-22696.	10.3	21
8	Photo-electrochemical hydrogen sulfide splitting using Sn IV -doped hematite photo-anodes. Electrochemistry Communications, 2016, 68, 19-22.	4.7	14
9	New strategy to assess the performance of organic coatings during ultravioletâ€“condensation weathering tests. Electrochimica Acta, 2014, 124, 119-127.	5.2	13
10	Electrochemical techniques for photoelectrode characterisation. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100463.	5.9	11
11	Effectiveness of non-Fickian diffusion model on the water uptake determination of different organic coatings. Progress in Organic Coatings, 2019, 136, 105206.	3.9	8
12	Electrochemical impedance study for modeling the anticorrosive performance of coatings based on accelerated tests and outdoor exposures. Journal of Coatings Technology Research, 2016, 13, 895-904.	2.5	7
13	Determination of photon-driven charge transfer efficiency: Drawbacks, accuracy and precision of different methods using Hematite as case of study. Electrochimica Acta, 2022, 402, 139559.	5.2	7
14	In situ determination of polysulfides in alkaline hydrogen sulfide solutions. Electrochimica Acta, 2019, 314, 40-48.	5.2	6
15	Evaluation of N,N,N-Dimethylbutylammonium Methanesulfonate Ionic liquid for electrochemical recovery of lead from lead-acid batteries. Electrochimica Acta, 2021, 376, 137893.	5.2	6
16	Capacity fading of high specific capacity spinel LixMn2-yTiyO4 as cathode material for Li-ion batteries. Journal of Applied Electrochemistry, 2021, 51, 1419-1435.	2.9	5
17	Hydrogen sulfide splitting using solar energy and hematite photo-anodes. Electrochimica Acta, 2019, 317, 384-397.	5.2	4
18	En Route to a Unified Model for Photoelectrochemical Reactor Optimization. Iiâ€“Geometric Optimization of Perforated Photoelectrodes. Frontiers in Chemical Engineering, 2021, 3, .	2.7	4

#	Article	IF	Citations
19	Reply to the â€˜Comment on â€œFlat band potential determination: avoiding the pitfallsâ€â€™ by M. I. DÃez-GarcÃa, D. Monllor-Satoca and R. GÃ³mez, J. Mater. Chem. A, 2022, 10, DOI: 10.1039/D1TA06474F. Journal of Materials Chemistry A, 0, , .	10.3	0