JosÃ© Antonio LuceÃ±o-SÃ¡nchez

List of Publications by Year
in descending order

17	538	1040056 9	1125743 13
papers	citations	h-index	g-index

17	17	17	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal Design of Solar Receivers in CSP Plants: Effects of Facility Location. Industrial & Engineering Chemistry Research, 2021, 60, 7218-7231.	3.7	0
2	Effect of HDI-Modified GO on the Thermoelectric Performance of Poly(3,4-ethylenedioxythiophene):Poly(Styrenesulfonate) Nanocomposite Films. Polymers, 2021, 13, 1503.	4.5	11
3	Antibacterial Activity of Polymer Nanocomposites Incorporating Graphene and Its Derivatives: A State of Art. Polymers, 2021, 13, 2105.	4.5	40
4	Optimal operation and cleaning scheduling of air coolers in concentrated solar plants. Computers and Chemical Engineering, 2021, 150, 107312.	3.8	1
5	Stochastic modelling of sandstorms affecting the optimal operation and cleaning scheduling of air coolers in concentrated solar power plants. Energy, 2020, 213, 118861.	8.8	4
6	Assessment of the Potential of Polymer/HDI-GO Nanocomposites for Use in Organic Solar-Cells. Materials Proceedings, 2020, 4, .	0.2	0
7	Development and Characterization of Polyaniline/Hexamethylene Diisocyanate-Modified Graphene Oxide Nanocomposites. Materials Proceedings, 2020, 4, .	0.2	0
8	Optimal design of aging systems: A-frame coolers design under fouling. Computers and Chemical Engineering, 2019, 122, 47-58.	3.8	2
9	Grafting of Polypyrrole-3-carboxylic Acid to the Surface of Hexamethylene Diisocyanate-Functionalized Graphene Oxide. Nanomaterials, 2019, 9, 1095.	4.1	25
10	The Effect of Hexamethylene Diisocyanate-Modified Graphene Oxide as a Nanofiller Material on the Properties of Conductive Polyaniline. Polymers, 2019, 11, 1032.	4.5	20
11	Materials for Photovoltaics: State of Art and Recent Developments. International Journal of Molecular Sciences, 2019, 20, 976.	4.1	185
12	Synthesis and Characterization of Graphene Oxide Derivatives via Functionalization Reaction with Hexamethylene Diisocyanate. Proceedings (mdpi), 2019, 3, 8.	0.2	6
13	Synthesis and Characterization of Graphene Oxide Derivatives via Functionalization Reaction with Hexamethylene Diisocyanate. Nanomaterials, 2018, 8, 870.	4.1	72
14	Synthesis of hexamethylene diisocyanate-functionalized graphene oxide for solar cell applications. E3S Web of Conferences, 2018, 57, 02005.	0.5	0
15	High-Performance PEDOT:PSS/Hexamethylene Diisocyanate-Functionalized Graphene Oxide Nanocomposites: Preparation and Properties. Polymers, 2018, 10, 1169.	4.5	40
16	Two-step optimization procedure for the conceptual design of A-frame systems for solar power plants. Energy, 2018, 165, 483-500.	8.8	17
17	Recent Developments in Graphene/Polymer Nanocomposites for Application in Polymer Solar Cells. Polymers, 2018, 10, 217.	4.5	115