Maria del Prado Lavin Lopez

List of Publications by Citations

12 papers	249 citations	8 h-index	12 g-index
12 ext. papers	313 ext. citations	3.4 avg, IF	3.34 L-index

#	Paper	IF	Citations
12	Influence of the reduction strategy in the synthesis of reduced graphene oxide. *Advanced Powder Technology*, **2017**, 28, 3195-3203	4.6	64
11	Comparative study of different scalable routes to synthesize graphene oxide and reduced graphene oxide. *Materials Chemistry and Physics*, **2018**, 203, 284-292	4.4	56
10	Solvent-Based Exfoliation via Sonication of Graphitic Materials for Graphene Manufacture. *Industrial & Engineering Chemistry Research*, **2016**, 55, 845-855	3.9	43
9	Synthesis and characterization of graphene: influence of synthesis variables. *Physical Chemistry Chemical Physics*, **2014**, 16, 2962-70	3.6	36
8	Different strategies to simultaneously N-doping and reduce graphene oxide for electrocatalytic applications. *Journal of Electroanalytical Chemistry*, **2020**, 857, 113695	4.1	10
7	Improving the growth of monolayer CVD-graphene over polycrystalline iron sheets. *New Journal of Chemistry*, **2017**, 41, 5066-5074	3.6	9
6	Novel etchings to transfer CVD-grown graphene from copper to arbitrary substrates. *Chemical Physics Letters*, **2014**, 614, 89-94	2.5	8
5	CVD-graphene growth on different polycrystalline transition metals. *AIMS Materials Science*, **2017**, 4, 194-208	1.9	8
4	Influence of the oxidizing agent in the synthesis of graphite oxide. *Journal of Materials Science*, **2020**, 55, 2333-2342	4.3	5
3	Effects of oxidizing procedures on carbon nanofibers surface and dispersability in an epoxy resin. *Materials Chemistry and Physics*, **2020**, 243, 122571	4.4	4
2	Influence of the Total Gas Flow at Different Reaction Times for CVD-Graphene Synthesis on Polycrystalline Nickel. *Journal of Nanomaterials*, **2016**, 2016, 1-9	3.2	4
1	Influence of the synthesis method on electrical storage capacity of graphene-related materials. *Materials Science and Technology*, **2019**, 35, 361-367	1.5	2