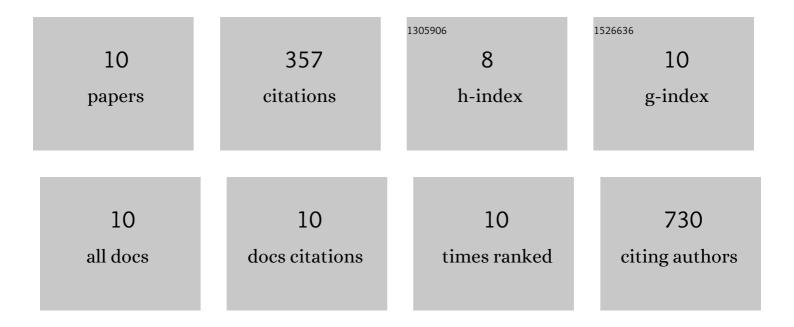
## Lalitha Murugan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The first-principles study of CoSb2O4 and its electrochemical properties for supercapacitors. Electrochimica Acta, 2018, 283, 949-958.	2.6	3
2	Adsorption behaviour of reduced graphene oxide towards cationic and anionic dyes: Co-action of electrostatic and π – π interactions. Materials Chemistry and Physics, 2017, 194, 243-252.	2.0	198
3	Interface energetics of [Emim] + [X] â^' and [Bmim] + [X] â^' (X = BF 4 , Cl, PF 6 , TfO, Tf 2 N) based ionic liquids on graphene, defective graphene, and graphyne surfaces. Journal of Molecular Liquids, 2017, 236, 124-134.	2.3	23
4	Edge functionalised & Li-intercalated 555-777 defective bilayer graphene for the adsorption of CO2 and H2O. Applied Surface Science, 2017, 400, 375-390.	3.1	14
5	Facile Hydrothermal Synthesis and First Principle Computational Studies of NiSb <sub>2</sub> O <sub>4</sub> and Its Electrochemical Properties with Ni <sub>3</sub> (Fe(CN) <sub>6</sub> ) <sub>2</sub> (H <sub>2</sub> O) for Hybrid Supercapacitors. ChemistrySelect, 2017, 2, 6823-6832.	0.7	4
6	Gas adsorption efficacy of graphene sheets functionalised with carboxyl, hydroxyl and epoxy groups in conjunction with Stone–Thrower–Wales (STW) and inverse Stone–Thrower–Wales (ISTW) defects. Physical Chemistry Chemical Physics, 2017, 19, 30895-30913.	1.3	15
7	Multiwalled Carbon Nanotube Oxygen Sensor: Enhanced Oxygen Sensitivity at Room Temperature and Mechanism of Sensing. ACS Applied Materials & Interfaces, 2015, 7, 23857-23865.	4.0	40
8	Defect-Mediated Reduction in Barrier for Helium Tunneling through Functionalized Graphene Nanopores. Journal of Physical Chemistry C, 2015, 119, 20940-20948.	1.5	13
9	DFT study on Xâ^'·(H2O)n=1-10 (X=OH, NO2, NO3, CO3) anionic water cluster. Journal of Molecular Graphics and Modelling, 2014, 54, 148-163.	1.3	22
10	Influence of in-plane Stone–Thrower–Wales defects and edge functionalisation on the adsorption of CO2and H2O on graphene. RSC Advances, 2014, 4, 39576.	1.7	25