

Publications

1. A. Kostopoulou, D. Vernardou, K. Savva, E. Stratakis, "All-inorganic lead halide perovskite nanohexagons for high performance air stable Lithium Batteries", *Nanoscale*, 2018 (DOI: 10.1039/C8NR10009H)
2. K. Savva, B. Višić, R. Popovitz-Biro, E. Stratakis, R. Tenne, "Short Pulse Laser Synthesis of Transition-Metal Dichalcogenide Nanostructures under Ambient Conditions ", *ACS Omega* 2 (6), 2649-2656, 2017
3. C. Petridis, K. Savva, E. Kymakis, E. Stratakis, "Laser generated nanoparticles based photovoltaics", *Journal of colloid and interface science* 489, 28-37, 2017
4. Constantinos Petridis, Dimitrios Konios, Minas M Stylianakis, George Kakavelakis, Maria Sygletou, Kyriaki Savva, Pavlos Tzourmpakis, Miron Krassas, Naoum Vaenas, Emmanuel Stratakis, Emmanuel Kymakis, "Solution processed reduced graphene oxide electrodes for organic photovoltaics", *Nanoscale Horizons* 1 (5), 375-382, 2016
5. D. Konios, G. Kakavelakis, C. Petridis, K. Savva, E. Stratakis, E. Kymakis, "Highly efficient organic photovoltaic devices utilizing work-function tuned graphene oxide derivatives as the anode and cathode charge extraction layers", *Journal of Materials Chemistry A* 4 (5), 1612-1623, 2016
6. Minas M Stylianakis, Maria Sygletou, Kyriaki Savva, George Kakavelakis, Emmanuel Kymakis, Emmanuel Stratakis, "Photochemical Synthesis of Solution-Processable Graphene Derivatives with Tunable Bandgaps for Organic Solar Cells", *Advanced Optical Materials* 3 (5), 658-666, 2015
7. Dimitrios Konios, Constantinos Petridis, George Kakavelakis, Maria Sygletou, Kyriaki Savva, Emmanuel Stratakis, Emmanuel Kymakis, "Reduced graphene oxide micromesh electrodes for large area, flexible, organic photovoltaic devices", *Advanced Functional Materials* 25 (15), 2213-2221, 2015
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9. E. Stratakis, K. Savva, D. Konios, C. Petridis, E. Kymakis, "Improving the efficiency of organic photovoltaics by tuning the work function of graphene oxide hole transporting layers", *Nanoscale* 6 (12), 6925-6931, 2014
10. E. Kymakis, K. Savva, M.M. Stylianakis, C. Fotakis, E. Stratakis, "Flexible Organic Photovoltaic Cells with In Situ Nonthermal Photoreduction of Spin-Coated Graphene Oxide Electrodes", *Adv. Funct. Mater.*, 23, 2742-2749, 2013
11. C. Petridis, Y-H .Lin, K. Savva, G. Eda, E. Kymakis, T.D. Anthopoulos, E. Stratakis "Post-fabrication, in situ laser reduction of graphene oxide devices", *Applied Physics Letters* 102 (9), 093115 2013