Antonia Kagkoura

LIST OF PUBLICATIONS

1. "Carbon Nanohorn-Based Electrocatalysts for Energy Conversion",

A. Kagkoura, N. Tagmatarchis,

Nanomaterials 10, 1407, (2020).

DOI: 10.3390/nano10071407

2. "Bottom-Up Synthesized MoS_2 Interfacing Polymer Carbon Nanodots with Electrocatalytic Activity for Hydrogen Evolution",

A. Kagkoura, R. Canton-Vitoria, L. Vallan, J. Hernandez-Ferrer, A. M. Benito, W. K. Maser, R. Arenal, N. Tagmatarchis,

Chem. Eur. J 26, 6635, (2020).

DOI: 10.1002/chem.202000125

3. "In-Situ Growth and Immobilization of CdS Nanoparticles onto Functionalized MoS_2: Preparation, Characterization and Fabrication of Photoelectrochemical Cells",

A. Kagkoura, J. Hernandez-Ferrer, A. M. Benito, W. K. Maser, N. Tagmatarchis,

Chem. Asian J. (2019).

DOI: 10.1002/asia.201901371

4. "Sulfur-Doped Graphene/Transition Metal Dichalcogenide Heterostructured Hybrids with Electrocatalytic Activity Toward the Hydrogen Evolution Reaction",

A. Kagkoura, M. Pelaez-Fernandez, R. Arenal and N. Tagmatarchis,

Nanoscale Adv. 1, 1489, (2019).

DOI: 10.1039/C8NA00130H

5. "Template Synthesis of Defect-Rich MoS_2-Based Assemblies as Electrocatalytic Platforms for Hydrogen Evolution Reaction",

A. Kagkoura, I. Tzanidis, V. Dracopoulos, N. Tagmatarchis and D. Tasis,

Chem. Commun. 55, 2078 (2019).

DOI: 10.1039/C9CC00051H

6. "Bottom-Up Microwave-Assisted Preparation of Poly(methacrylic acid)-MoS_2

Hybrid Material",

A. Kagkoura, T. Sentoukas, Y. Nakanishi, H. Shinohara, S. Pispas and N. Tagmatarchis,

Chem. Phys. Lett. 16, 1 (2019).

DOI: https://doi.org/10.1016/j.cplett.2018.12.002

7. "Self-Assembled Core-Shell CdTe/Poly(3-hexylthiophene) Nanoensembles as Novel Donor-Acceptor Light-Harvesting Systems",

E. Istif, A. Kagkoura, J. Hernandez-Ferrer, A. Stergiou, T. Skaltsas, R. Arenal, A. M. Benito, W. K. Maser and N. Tagmatarchis,

ACS Appl. Mater. Interfaces 9, 44695 (2017).

DOI: doi.org/10.1021/acsami.7b13506

8. "Transition-Metal Chalcogenide/Graphene Ensembles for Light-Induced Energy Applications",

A. Kagkoura, T. Skaltsas and N. Tagmatarchis,

Chem. Eur. J 23, 12967 (2017).

DOI: https://doi.org/10.1002/chem.201700242

9. "Effect of Poly(ethylene oxide) Molecular Weight on the Pinning and Pillar Formation of Evaporating Sessile Droplets: The Role of the Interface",

D. Mamalis, V. Koutsos, K. Sefiane, A. Kagkoura, M. Kalloudis and M. E. R. Shanahan,

Langmuir 31, 5908 (2015).

DOI: https://doi.org/10.1021/la504905y