

Dr. Antonia Kagkoura

Post-Doctoral Researcher

1. "Edge-engineered self-assembled hierarchical plasmonic SERS templates," N. Pliatsikas, N. Kalfagiannis, J. Arvanitidis, D. Christofilos, D. C. Koutsogeorgis, A. Kagkoura, K. Sefiane, V. Koutsos, P. Patsalas, *Appl. Sur. Sci. Adv.* **6**, 100186 (2021). DOI: [10.1016/j.apsadv.2021.100186](https://doi.org/10.1016/j.apsadv.2021.100186)
2. "Controlled chemical functionalization toward 3D-2D carbon nanohorn-MoS₂ heterostructures with enhanced electrocatalytic activity for protons reduction", A. Kagkoura, R. Arenal. N. Tagmatarchis, *Adv. Funct. Mater.* **31**, 2105287 (2021). DOI: [10.1002/adfm.202105287](https://doi.org/10.1002/adfm.202105287)
3. "Sulfur-Doped Carbon Nanohorn Bifunctional Electrocatalyst for Water Splitting," A. Kagkoura, R. Arenal. N. Tagmatarchis, *Nanomaterials* **10**, 2416 (2020). DOI: [10.3390/nano10122416](https://doi.org/10.3390/nano10122416)
4. "Carbon Nanohorn-Based Electrocatalysts for Energy Conversion", A. Kagkoura, N. Tagmatarchis, *Nanomaterials* **10**, 1407, (2020). DOI: [10.3390/nano10071407](https://doi.org/10.3390/nano10071407)
5. "Bottom-Up Synthesized MoS₂ 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](https://doi.org/10.1002/chem.202000125)
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7. "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](https://doi.org/10.1039/C8NA00130H)
8. "Template Synthesis of Defect-Rich MoS₂-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](https://doi.org/10.1039/C9CC00051H)
9. "Bottom-Up Microwave-Assisted Preparation of Poly(methacrylic acid)-MoS₂ Hybrid Material", A. Kagkoura, T. Sentoukas, Y. Nakanishi, H. Shinohara, S. Pispas and N. Tagmatarchis, *Chem. Phys. Lett.* **16**, 1 (2019).

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