

PUBLICATION LIST**IN PEER REVIEWED JOURNALS**

1. "Covalently functionalized layered MoS₂ supported Pd nanoparticles as highly active oxygen reduction electrocatalyst",
D. K. Perivoliotis, Yuta Sato, Kazu Suenaga and Nikos Tagmatarchis
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2. "Core-Shell Pd@M (M=Ni, Cu, Co) Nanoparticles/Graphene Ensembles with High Mass Electrocatalytic Activity Toward the Oxygen Reduction Reaction",
D.K. Perivoliotis, Y. Sato, K. Suenaga and N. Tagmatarchis,
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3. "(Photo)electrocatalysis of molecular oxygen reduction by S-doped graphene decorated with a star-shaped oligothiophene",
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4. "Sulfur-Doped Graphene-Supported Nickel-Core Palladium-Shell Nanoparticles as Efficient Oxygen Reduction and Methanol Oxidation Electrocatalyst",
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5. "Recent advancements in metal-based hybrid electrocatalysts supported on graphene and related 2D materials for oxygen reduction reaction",
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7. "Vertically-aligned CNT arrays: structural integrity and surface properties", D.K. Perivoliotis, M.A. Koklioti, E.P. Koumoulos, Y.S. Raptis, C.A. Charitidis, Int. J. Struct. Integr., 7(6), 703 (2016)
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8. "Toxicity determinants of Multi-Walled Carbon Nanotubes: the relationship between functionalization and agglomeration",
M. Allegri, D.K Perivoliotis, M.G. Bianchi, M. Chiu, A, Pagliaro, M.A Koklioti, A-F.A. Trompeta, E. Bergamaschi, O. Bussolati, C.A. Charitidis,
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DOI: [10.1016/j.toxrep.2016.01.011](https://doi.org/10.1016/j.toxrep.2016.01.011)

9. "Effect of magnetite particle loading on mechanical and strain sensing properties of polyester composites", D. Triantou, S. Soulis, D. Perivoliotis, C. Charitidis,
D.A. Dragatogiannis, D.K. Perivoliotis, C.A. Charitidis, S. Karagiovanaki, L. Zoumpoulakis,
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IN BOOK CHAPTERS

1. "Mechanical, Tribological Properties, and Surface Characteristics of Nanotextured Surfaces",
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