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Kvalifikationer

Photonics, Dr. Techn. (Danish habilitation), Towards quantum nanophotonics: from quantum-informed plasmonics to strong coupling, Syddansk Universitet
aug. 2015 → sep. 2021
Dimissionsdato: 2. sep. 2021

Physics, Doctoral degree (PhD), Light emission and propagation in nanostructured plasmonic metamaterials, National and Kapodistrian University of Athens
jan. 2008 → maj 2012
Dimissionsdato: 28. maj 2012

Materials Physics, Master's, Optical properties of periodic structures of metallic nanoshells, National and Kapodistrian University of Athens
sep. 2005 → nov. 2007
Dimissionsdato: 20. nov. 2007

Physics, Degree (4-year BSc), Scattering of electromagnetic radiation by multi-layered spherical scatterers, National and Kapodistrian University of Athens
sep. 1999 → sep. 2005
Dimissionsdato: 22. sep. 2005

Ansættelse

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Publikationer

Quantum Mechanics in Plasmonic Nanocavities: from Theory to Applications

Ding, T., Tserkezis, C., Mystilidis, C., Vandenbosch, G. A. E. & Zheng, X., apr. 2025, I: Advanced Physics Research. 4, 4, 16 s.

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Quantum-informed plasmonics for strong coupling: the role of electron spill-out

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Enhanced ponderomotive force in graphene due to interband resonance

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On the time evolution at a fluctuating exceptional point

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Circular Dichroism in Nanoparticle Helices as a Template for Assessing Quantum-Informed Models in Plasmonics

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Molecular fluorescence enhancement in plasmonic environments: exploring the role of nonlocal effects

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Presse/medie

Historisk doktor-grad på TEK: Græske Christos har øje for de bittesmå detaljer

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29/10/2021

1 Mediebidrag