



# Rongyang Solar Support

Affiliations: [Computational Materials Science Research Team, RIKEN Center for Computational Science (R-CCS), Kobe, Japan].

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performed on the supercomputer. One of the leading quantum algorithms for solving quantum many-body systems on NISQ devices is the variational quantum eigensolver (VQE) where the ground state of ...

This paper explores the formation process of surface pyramid morphologies and etching characteristics during the texturing process of silicon heterojunction (SHJ) solar cells.

I'm Rongyang Sun a.k.a Rong-Yang Sun (in my authored papers ?), a full-stack researcher in computational quantum many-body physics. Currently, I am working at RIKEN as a Research Scientist.

Quasi-2D layered organometal halide perovskites have recently emerged as promising candidates for solar cells, because of their intrinsic stability compared to 3D analogs.

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Usage Report for Fiscal Year 2023 Rongyang Sun (1,2,3) Project Title: Development of quantum algorithms for quantum many-body systems



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