



VOLUME 30 | NUMBER 1 | FEBRUARY

FEATURE ARTICLES

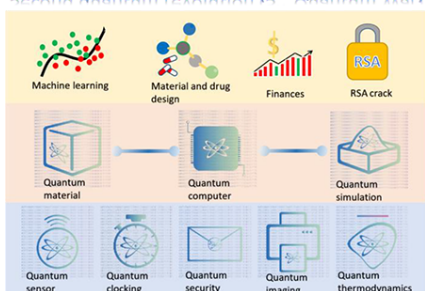
The Dawn of Defects

by Igor Aharonovich [2019 C.N. Yang Award Winner]

The Second Quantum Revolution with Quantum Computers

by Ching-Ray Chang, Yeu-Chung Lin, Kuei-Lin Chiu, Tsung-Wei Huang

Second quantum revolution (3rd Quantum War)



The quantum nature of superposition, entanglement, and measurement are applicable to the quantum information industry, and one major disruptive and revolutionary technology is quantum computing. ...

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Ground Based Gravitational Wave Astronomy in the Asian Region

by Vaishali Adya, Matthew Bailes, Carl Blair, David Blair, Johannes Eichholz, Joris Van Heijningen, Eric Howell, Li Ju, Paul Lasky, Andrew Melatos, David Ottaway, Chunnong Zhao

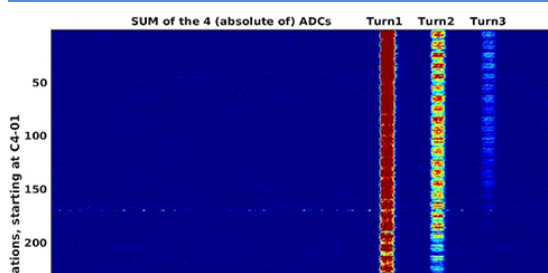
Linear-response Theory and the Nuclear Force

by Panagiota Papakonstantinou

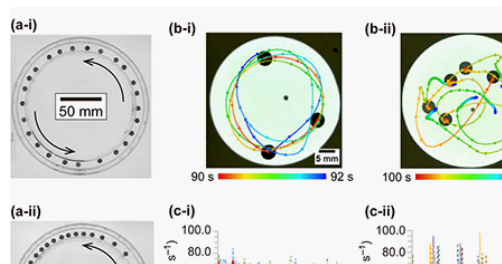
A Beyond-Mean-Field Description for Nuclear Excitation Spectra: The Subtracted Second Random-phase Approximation

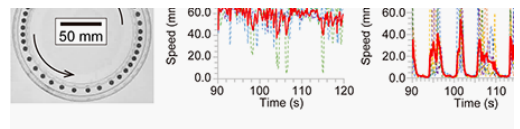
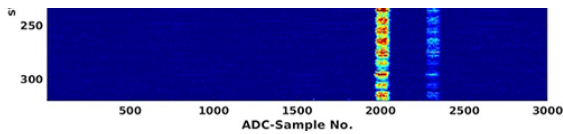
by Marcella Grasso

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By ESRF. Published
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by Tsuyoshi Yamamoto, Takeo Kato

■ **Increasing Number Density Induces Rhythmic Behavior of Self-Propelled Camphor Disks**

by Nobuhiko J. Suematsu

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by Jun'ichi Yokoyama

■ **Report on the 10th Ordinary General Meeting of AAPPS**

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■ **Report on the 42nd Extended Council Meeting of AAPPS**

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■ **Young Scientist Award of the Physical Society of Japan, 2020**

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