No	Name	Title
1	Shota Kanasugi	Subspace-based local compilation of variational quantum circuits for large-scale quantum many-body simulation
2	Rihito Sakurai	Learning Fourier-based parametric option price using tensor cross interpolation
3	Koji Inui	Inverse Hamiltonian design of highly-entangled quantum many-body systems
4	Hidehiro Saito	Engineering exact quantum many-body ground states in 1D and 2D
5	Hao-Ti Hung	Dynamical Quantum Phase Transition and Thermal Equilibrium in the Lattice Thirring Model
6	Junwei Feng	Large-scale Discontinuous Galerkin Real-Time Time-Dependent Density Functional Theory
7	Tatsuya Sakashita	Fast and accurate decoder for the XZZX code using simulated annealing
8	Tao-Lin Tan	Quantum many-body scars as caged eigenstates via destructive interference in Hilbert space
9	Akira SaiToh	Simulated bulk-ensemble search revisited in the current machine environment
10	Wei-Lin Tu	Generating Function for Projected Entangled-Pair States
11	SungBin Lee	Tensor network simulation of noiseless random quantum circuits
12	Daniel Donghyon Ohm	Benchmarking a PEPS Random Quantum Circuit Sampling Algorithm
13	Bo THOMSEN	Accelerating the Study of Nuclear Quantum Effects in water with Self-Learning Path Integral Monte Carlo
14	Yuya Nakagawa	Averaging gate approximation error and performance of Unitary Coupled Cluster ansatz in Pre-FTQC Era
15	Hirofumi Nishi	Probabilistic imaginary-time evolution with quantum error detection for spin qubits
16	Hiroshi Watanabe	Optimizing a generalized single-qubit gate and a controlled gate.
17	Shizhe Jiao	Projected wavefunction extrapolation scheme to accelerate plane-wave hybrid functional-based Born–Oppenheimer molecular dynamic simulations
18	Yufan Yao	Combining PWDFT with DeePMD for hybrid functional enabled ab initio molecular dynamics within plane waves
19	Koudai Sugimoto	DC electric field-driven discretization of single-particle excitation spectra in the Mott insulator
20	Ken Inayoshi	Nonequilibrium Green's function method with quantics tensor trains
21	Seongyeon Youn	Origin of the correlated gaps in twisted bilayer graphene
22	Luca Erhart	Chebyshev Approximated Variational Coupled Cluster for Quantum Computing
23	Hiroyoshi Kurogi	Quantum subspace compiling of the time-evolution operators for molecular systems by using sequential optimizers
24	Ken Okada	Classically optimized variational quantum eigensolver with application to topological phases
25	Pranay Patil	MPS approach to disordered Heisenberg chain
26	Yifan Ke	DeepH + HONPAS: Machine Learning-Assisted Hybrid Functional Calculations
27	Yuhei Ikeda	Application of adaptive quantum-selected configuration interaction method to ab initio extended Fermi-Hubbard model
28	Tianchun Wang	Quantum Krylov Method for Electronic Structure Simulations
29	Sanghyun Park	Degeneracy-engineered zero-temperature Mott transition in two-orbital Hund systems
30	Shuhei Kashiwamura	Bayesian Parameter Estimation of Diamond Chain Model by Surrogate-Assisted Monte Carlo Method
31	Norifumi Matsumoto	Quantum many-body simulation of finite-temperature systems with sampling a series expansion of a quantum imaginary-time evolution
32	Shuhei Kashiwamura	Bayesian Parameter Estimation of Quantum Spin Models for the One-dimensional Quantum Magnet Azurite by a Surrogate-Assisted Monte Carlo Method
33	Takahiro Misawa	Compensated Ferrimagnets with Colossal Spin Splitting in Organic Compounds
34	Satoshi Morita	Multi-impurity method for bond-weighted tensor renormalization group
35	Kota Ido	Measurement of an excitation spectrum and a topological property using variational Monte Carlo method
36	Yuichiro Yoshida	Ab initio extended Hubbard model of short polyenes for efficient quantum computing
37	Riki Toshio	Accelerating Materials Simulation with Partially Fault-Tolerant Quantum Computing
38	Seongyeon Youn	Origin of the correlated gaps in twisted bilayer graphene
39	Jun Takahashi	NP-hardness of Sign-Problem Curing with Clifford Circuits
40	SungBin Lee	Projected entangled pair states simulation of noiseless random quantum circuits
41	Atsushi Hariki	DFT+DMFT study on correlated altermagnets
42	Hao-Ti Hung	Dynamical Quantum Phase Transition and Thermal Equilibrium in the Lattice Thirring Model
43	Koji Inui	Inverse Hamiltonian design of highly entangled quantum many-body systems
44	Haruki Shimizu	Tensor network simulations for non-orientable surfaces
45	Shizhe Jiao	Projected wavefunction extrapolation scheme to accelerate plane-wave hybrid functional-based Born–Oppenheimer molecular dynamic simulations
46	Tianchun Wang	Quantum Krylov Method for Electronic Structure Simulations
47	Hidemaro Suwa	Semiclassical dynamical simulation of weak Mott insulators
48	Beomjoon Goh	Role of On-site Coulomb Interaction in Electronic Raman Spectrum of Sr3Ir2O7
49	Yao Yufan	Combining PWDFT with DeePMD for hybrid functional enabled ab initio molecular dynamics within plane waves
50	Koudai Sugimoto	DC electric field-driven discretization of single-particle excitation spectra in the Mott insulator
51	Hidehiro Saito	Engineering exact quantum many-body ground states in 1D and 2D
52	Han Yan	Hyperbolic fracton model as a toy model of holography
53	Kenji Homma	Extracting conformal data from frustrated classical spin model via tensor network renormalization algorithm