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	Hao-Ti Hung	Dynamical Quantum Phase Transition and Thermal Equilibrium in the Lattice Thirring Model
4	Junwei Feng	Large-scale Discontinuous Galerkin Real-Time Time-Dependent Density Functional Theory
5	Tatsuya Sakashita	Fast and accurate decoder for the XZZX code using simulated annealing
6	Tao-Lin Tan	Quantum many-body scars as caged eigenstates via destructive interference in Hilbert space
7	Akira SaiToh	Simulated bulk-ensemble search revisited in the current machine environment
8	Wei-Lin Tu	Generating Function for Projected Entangled-Pair States
9	Daniel Donghyon Ohm	Benchmarking a PEPS Random Quantum Circuit Sampling Algorithm
10	Bo THOMSEN	Accelerating the Study of Nuclear Quantum Effects in water with Self-Learning Path Integral Monte Carlo
11	Yuya Nakagawa	Averaging gate approximation error and performance of Unitary Coupled Cluster ansatz in Pre-FTQC Era
12	Hirofumi Nishi	Probabilistic imaginary-time evolution with quantum error detection for spin qubits
13	Hiroshi Watanabe	Optimizing a generalized single-qubit gate and a controlled gate.
14	Ken Inayoshi	Nonequilibrium Green's function method with quantics tensor trains
15	Luca Erhart	Chebyshev Approximated Variational Coupled Cluster for Quantum Computing
16	Hiroyoshi Kurogi	Quantum subspace compiling of the time-evolution operators for molecular systems by using sequential optimizers
17	Ken Okada	Classically optimized variational quantum eigensolver with application to topological phases
18	Pranay Patil	MPS approach to disordered Heisenberg chain
19	Yifan Ke	DeepH + HONPAS: Machine Learning-Assisted Hybrid Functional Calculations
20	Yuhei Ikeda	Application of adaptive quantum-selected configuration interaction method to ab initio extended Fermi-Hubbard model
21	Sanghyun Park	Degeneracy-engineered zero-temperature Mott transition in two-orbital Hund systems
22	Norifumi Matsumoto	Quantum many-body simulation of finite-temperature systems with sampling a series expansion of a quantum imaginary-time evolution
23	Shuhei Kashiwamura	Bayesian Parameter Estimation of Quantum Spin Models for the One-dimensional Quantum Magnet Azurite by a Surrogate-Assisted Monte Carlo Method
24	Takahiro Misawa	Compensated Ferrimagnets with Colossal Spin Splitting in Organic Compounds
25	Satoshi Morita	Multi-impurity method for bond-weighted tensor renormalization group
26	Kota Ido	Measurement of an excitation spectrum and a topological property using variational Monte Carlo method
27	Yuichiro Yoshida	Ab initio extended Hubbard model of short polyenes for efficient quantum computing
28	Riki Toshio	Accelerating Materials Simulation with Partially Fault-Tolerant Quantum Computing
29	Seongyeon Youn	Origin of the correlated gaps in twisted bilayer graphene
30	Jun Takahashi	NP-hardness of Sign-Problem Curing with Clifford Circuits
31	SungBin Lee	Projected entangled pair states simulation of noiseless random quantum circuits
32	Atsushi Hariki	DFT+DMFT study on correlated altermagnets
33	Koji Inui	Inverse Hamiltonian design of highly entangled quantum many-body systems
34	Haruki Shimizu	Tensor network simulations for non-orientable surfaces
35	Shizhe Jiao	Projected wavefunction extrapolation scheme to accelerate plane-wave hybrid functional-based Born–Oppenheimer molecular dynamic simulations
36	Tianchun Wang	Quantum Krylov Method for Electronic Structure Simulations
37	Hidemaro Suwa	Semiclassical dynamical simulation of weak Mott insulators
38	Beomjoon Goh	Role of On-site Coulomb Interaction in Electronic Raman Spectrum of Sr3Ir2O7
39	Yufan Yao	Combining PWDFT with DeePMD for hybrid functional enabled ab initio molecular dynamics within plane waves
40	Koudai Sugimoto	DC electric field-driven discretization of single-particle excitation spectra in the Mott insulator
41	Hidehiro Saito	Engineering exact quantum many-body ground states in 1D and 2D
42	Han Yan	Hyperbolic fracton model as a toy model of holography
43	Kenji Homma	Extracting conformal data from frustrated classical spin model via tensor network renormalization algorithm
44	Hirone Ishida	Low-rank quantics tensor train representations of Feynman diagrams for multiorbital electron-phonon models
45	Khinevich Viktor	Wave Function Refinement via Quantum Power Lanczos Method Using Generalized Quantum Signal Processing
46	Ryosuke Akashi	Electron-phonon GW0 theory based on the intermediate representation
47	Motoharu Kitatani	Optimizing superconductivity: from cuprate via nickelate to palladates
48	Synge Todo	MateriApps - a Portal to Materials Science Simulation
49	Hiroshi Shinaoka	Multiscale Space-Time Ansatz for Correlation Functions of Quantum Systems Based on Quantics Tensor Trains
50	Tomoya Shiota	Universal Neural Network Potentials as Descriptors : Predicting Chemical Properties of Molecules and Nanomaterials
51	LingYun Wan	Wigner crystals under high magnetic fields and Cartan quantum algorithm