

Thema	Autoren
SIFS based - Josephson junctions	R. Menditto, H. Sickinger, M. Weides, H. Kohlstedt, N. Ruppelt, A. Lipmann, R. Mints, E. Goldobin, M. Zimmermann, D. Heim, K. Vogel, W.P.Schleich, J.M.Meckbach, M. Merker, K. Ilin, M. Siegel, D. Kölle, R. Kleiner
Heteronuclear Rydberg molecules to study atom-ion collisions in the quantum regime	C. Veit, T. Schmid, N. Zuber, R. Löw, T. Pfau
Closed-loop Optimal Control for Diamond Based Quantum Sensing	F. Frank, T. Uden, R.S. Said, J. Zoller, S. Montanegro, T. Calarco, B. Naydenov, F. Jelezko
Dipolar Quantum Droplets	F. Böttcher, M. Wenzel, M. Schmitt, H. Kadau, I. Ferrier-Barbut, T. Pfau
Towards quantum signatures swept-bias Josephson junctions	H. Losert, K. Vogel, B. Neumeier, R. Menditto, E. Goldobin, D. Kölle, R. Kleiner
Cold atom-ion three-body reaction dynamics	A. Krüchow, A. Mohammadi, A. Härter, J. Hecker-Denschlag
Quantum Monte Carlo study of long-range transverse field using models on the triangular lattice	S. Humeniuk
Bose-Hubbard rings - 'clean' and 'dirty' bosons: a Tree Tensor Network study	M. Gerster, M. Rizzi, F. Tschirsich, P. Silvi, R. Fazio, S. Montanegro
Thermopower influenced by electromagnetic environments far from equilibrium	M. Mecklenburg, B. Kubala, J. Ankerhold
Magnetic order on a topological insulator surface with warping and proximity-induced superconductivity	D. Mendler, P. Kotetes, G. Schön
Non-perturbative calculation of Rydberg interaction	S. Weber, C. Tresp, H. Menke, H.P. Büchler, S. Hofferberth
Single atom detection in ultracold quantum gases	C. Rogulj, B. Ferdinand, T. Menold, M. Reinschmidt, A. Günther, J. Fortágh
Measurements and numerical calculations of ⁸⁷ Rb Rydberg Zeeman maps	M. Kaiser, J. Grimmel, L. Torralbo-Campo, M. Mack, F. Karlewski, J. Fortágh