List of publications

1. “Influence of a DC Offset on the Dynamics of Kicked Elongated Rydberg Atoms,”
   S. Yoshida, C. O. Reinhold, J. Burgdörfer, W. Zhao, J. J. Mestayer, J. C. Lancaster, and F. B. Dunning,
   in preparation.

   W. Zhao, J. J. Mestayer, J. C. Lancaster, F. B. Dunning, C. O. Reinhold, S. Yoshida, and J. Burgdörfer,
   submitted to Phys. Rev. A.

   D. G. Arbo, S. Yoshida, E. Persson, K. Dimitriou, and J. Burgdörfer,

   M. Hörndl, S. Yoshida, A. Wolf, G. Gwinner, and J. Burgdörfer,

5. “The Kicked Rydberg Atom,”
   F. B. Dunning, J. C. Lancaster, J. Burgdörfer, C. O. Reinhold, and S. Yoshida,

   W. Zhao, J. J. Mestayer, J. C. Lancaster, F. B. Dunning, C. O. Reinhold, S. Yoshida, and J. Burgdörfer,

   M. Hörndl, S. Yoshida, K. Tőkési, and J. Burgdörfer,

8. “Steering Rydberg wave packets using a chirped train of half-cycle pulses,”
   S. Yoshida, C. O. Reinhold, E. Persson, J. Burgdörfer, and F. B. Dunning,

9. “Origin of the double peak structure in the momentum distribution of single ionization of atoms driven by strong laser fields,”
   K. Dimitriou, D. G. Arbó, S. Yoshida, E. Persson, and J. Burgdörfer,

10. Comment on “Radiative recombination enhancement of bare ions in storage rings with electron cooling”
    M. Hörndl, S. Yoshida, K. Tőkési, and J. Burgdörfer

11. “Response of highly polarized Rydberg states to trains of half-cycle pulses,”
    C. O. Reinhold, W. Zhao, J. C. Lancaster, F. B. Dunning, E. Persson,
12. “Semiclassical analysis of the periodically kicked Rydberg atom,”
S. Yoshida, F. Großmann, E. Persson and J. Burgdörfer,

S. Yoshida, C. O. Reinhold, E. Persson, J. Burgdörfer, B. E. Tannian, C. L. Stokely, and F. B. Dunning

M. Hörndl, S. Yoshida, K. Tőkési, and J. Burgdörfer,

15. “Quantum localization in the three-dimensional kicked atom,”
E. Persson, S. Yoshida, X.-M. Tang, C. O. Reinhold, and J. Burgdörfer,

16. “Low energy electron-ion recombination in a magnetic field:
The role of chaotic dynamics”
M. Hörndl, S. Yoshida, K. Tőkési, and J. Burgdörfer,

17. “Quantum localization in the high-frequency limit,”
E. Persson, S. Yoshida, X.-M. Tang, C. O. Reinhold, and J. Burgdörfer,

18. “Designing Rydberg wavepackets using trains of half-cycle pulses,”
C. O. Reinhold, S. Yoshida, J. Burgdörfer, B. E. Tannian, C. L. Stokely, and F. B. Dunning,

19. “Quantum signature of reconnection bifurcations,”
G. Corso, S. D. Prado, and S. Yoshida,

20. “Siegrert-pseudostate representation of quantal time evolution: A harmonic oscillator kicked by periodic pulses,”
S. Tanabe, S. Watanabe, N. Sato, M. Matsuzawa, S. Yoshida, C. O. Reinhold, and J. Burgdörfer,

B. E. Tannian, R. A. Popple, F. B. Dunning, S. Yoshida, C. O. Reinhold, and J. Burgdörfer,

22. “Exponential and non-exponential localization of the one-dimensional periodically kicked Rydberg atom,”
S. Yoshida, C. O. Reinhold, P. Kristôfel, and J. Burgdörfer,
23. “Quantum evolution of atomic states during transmission through solids,”
D.G. Arbó, C.O. Reinhold, S. Yoshida, and J. Burgdörfer,
24. “Quantum localization of the kicked Rydberg atom”
S. Yoshida, C. O. Reinhold, and J. Burgdörfer,
25. “Reflection-free propagation of wave packets,”
S. Yoshida, S. Watanabe, C. O. Reinhold, and J. Burgdörfer,
26. “Quantum transport theory for atomic states through solids,”
D. G. Arbó, C. O. Reinhold, P. Kürpick, S. Yoshida, and J. Burgdörfer,
27. “Floquet analysis of the dynamical stabilization of the kicked hydrogen atom,”
S. Yoshida, C. O. Reinhold, P. Kristöfel, J. Burgdörfer, S. Watanabe, and
F. B. Dunning,
28. “Realization of the kicked atom,”
M. T. Frey, F. B. Dunning, C. O. Reinhold, S. Yoshida and J. Burgdörfer,
29. “Electronic excitation in transmission of relativistic H− ions through thin
foils,”
C. O. Reinhold, P. Kürpick, J. Burgdörfer, S. Yoshida, and B. Gervais,
30. “Ionization of Rydberg atoms by half-cycle pulses: effect of pulse shape and
rise time,”
B. E. Tannian, R. A. Popple, F. B. Dunning, S. Yoshida, C. O. Reinhold, and
J. Burgdörfer,
31. “Accurate ionization thresholds of atoms subject to half cycle pulses,”
S. Yoshida, C. O. Reinhold, J. Burgdörfer, B. E. Tannian, R. A. Popple, and
F. B. Dunning,
32. “Statistical mechanics of deformable molecular liquids: Thermal expansion
and isomerization of diatomic molecules,”
T. Munakata, S. Yoshida, and F. Hirata,
33. “Shear-induced distortion of intramolecular and intermolecular correlations
in liquids: Time-dependent density-functional theory,”
S. Yoshida, F. Hirata and T. Munakata,