

Xing-Yan Chen

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Collisions of ultracold molecules in bright and dark optical dipole traps. Physical Review Research, 2021, 3. Tune-Out and Magic Wavelengths for Ground-State $\langle mml:mrow \langle mml:mmultiscripts \langle mml:mrow \langle mml:mi \rangle Na \langle /mml:mi \rangle \langle /mml:mrow \langle mml:mprescripts$ | 3.6 | 47 |
| 2 | $\rangle \langle /mml:none \rangle \langle mml:mrow \langle mml:mn \rangle 23 \langle /mml:mn \rangle \langle /mml:mrow \langle /mml:mmultiscripts \langle mml:mmultiscripts \langle mml:mrow \langle mml:mi$ $\mathit{variant}="normal">\rangle K \langle /mml:mi \rangle \langle /mml:mrow \langle mml:mprescripts \rangle \langle /mml:none \rangle \langle mml:mrow \langle mml:m$ | 7.8 | 18 |
| 3 | Nonadiabatic dynamics and geometric phase of an ultrafast rotating electron spin. Science Bulletin, 2019, 64, 380-384. | 9.0 | 16 |
| 4 | High-precision gravimeter based on a nano-mechanical resonator hybrid with an electron spin. Optics Express, 2018, 26, 31577. | 3.4 | 14 |
| 5 | Universal quantum gates between nitrogen-vacancy centers in a levitated nanodiamond. Physical Review A, 2019, 99, . | 2.5 | 13 |
| 6 | Quantum Information Processing and Precision Measurement Using a Levitated Nanodiamond. Advanced Quantum Technologies, 2021, 4, 2000154. | 3.9 | 11 |
| 7 | Efficient conversion of closed-channel-dominated Feshbach molecules of $\langle mml:mrow \langle mml:mmultiscripts \langle mml:mi \rangle Na \langle /mml:mi \rangle \langle mml:mprescripts$ $\rangle \langle /mml:none \rangle \langle mml:mrow \langle mml:mn \rangle 23 \langle /mml:mn \rangle \langle /mml:mrow \langle /mml:mmultiscripts \langle mml:mmultiscripts \langle mml:mrow \langle mml:mi$ $\mathit{variant}="normal">\rangle K \langle /mml:mi \rangle \langle mml:mprescripts \rangle \langle /mml:none \rangle \langle mml:mrow \langle mml:mn \rangle 40 \langle /mml:mn \rangle \langle /mml:mmultiscripts \rangle \langle /mml:mrow \langle /mml:math \rangle$ to their absolute ground state. Physical Review A, 2021, 104, . | 2.5 | 11 |
| 8 | Suppression of Unitary Three-Body Loss in a Degenerate Bose-Fermi Mixture. Physical Review Letters, 2022, 128, 153401. | 7.8 | 11 |
| 9 | <i>p</i> -shell hypernuclear energy spectra using the Gogny-interaction shell model. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 125106. | 3.6 | 3 |