

# Shu Ohmura

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

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citations

1684188

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#	ARTICLE	IF	CITATIONS
1	Effects of Electron Correlation on the Intense Field Ionization of Molecules: Effective Potentials of Time-Dependent Natural Orbitals. Topics in Applied Physics, 2021, , 83-107.	0.8	0
2	Manipulation of Multielectron Dynamics of Molecules by Fourier-Synthesized Intense Laser Pulses: Effective Potential Analysis of CO. Frontiers in Physics, 2021, 9, .	2.1	4
3	Ultrafast polarization control in $\hat{\rho}^{\pm}$ (BEDT $\hat{\rho}$ TTF)2X. Physical Review B, 2021, 104, .	3.2	1
4	Analysis of the multielectron dynamics in intense laser-induced ionization of CO by the time-dependent effective potentials for natural orbitals. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 184001.	1.5	7
5	Terahertz pulse induced transitions between ionic and neutral phases and electronic polarization reversal in TTF-CA. Physical Review B, 2019, 100, .	3.2	7
6	Effective model of one-dimensional extended Hubbard systems: Application to linear optical spectrum calculations in large systems based on many-body Wannier functions. Physical Review B, 2019, 100, .	3.2	6
7	A single-electron picture based on the multiconfiguration time-dependent Hartree-Fock method: application to the anisotropic ionization and subsequent high-harmonic generation of the CO molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 034001.	1.5	20
8	Charge and dielectric response to terahertz pulses in the charge-ordered phase of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \pm \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\rho} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \langle \text{mml:mathvariant="normal"} \rangle I \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$	3.2	4
9	Molecular Orbital Analysis of High Harmonic Generation. , 2014, , .		1
10	Characterization of multielectron dynamics in molecules: A multiconfiguration time-dependent Hartree-Fock picture. Journal of Chemical Physics, 2014, 141, 114105.	3.0	16