

Shu Ohmura

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

66
citations

1684188

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h-index

1588992

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10
all docs

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docs citations

10
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Characterization of multielectron dynamics in molecules: A multiconfiguration time-dependent Hartree-Fock picture. Journal of Chemical Physics, 2014, 141, 114105.	3.0	16
3	Terahertz pulse induced transitions between ionic and neutral phases and electronic polarization reversal in TTF-CA. Physical Review B, 2019, 100, .	3.2	7
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	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
6	Charge and dielectric response to terahertz pulses in the charge-ordered phase of $\text{I}_{\pm}^{\pm} \text{BEDT-TTF}_3$. Physical Review B, 2018, 98, .	3.2	4
7	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
8	Molecular Orbital Analysis of High Harmonic Generation. , 2014, , .		1
9	Ultrafast polarization control in $\text{I}_{\pm}^{\pm} (\text{BEDT-TTF})_2\text{X}$. Physical Review B, 2021, 104, .	3.2	1
10	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