Jie Yu

List of Publications by Year
in descending order

17	125	1163117 8	1281871 11
papers	citations	h-index	g-index

17	17	17	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The influence of field-free orientation on the predissociation dynamics of the NaI molecule. Journal of Chemical Physics, 2014, 140, 044316.	3.0	22
2	Field-free molecular orientation by two-color shaped laser pulse together with time-delayed THz laser pulse. Laser Physics Letters, 2013, 10, 076001.	1.4	16
3	Enhancement of molecular field-free orientation by utilizing a modulated two-color laser field. Chemical Physics, 2012, 400, 93-97.	1.9	12
4	ABOVE THRESHOLD IONIZATION OF POLAR NaK MOLECULES DRIVEN BY FEW-CYCLE LASER PULSE. Journal of Theoretical and Computational Chemistry, 2010, 09, 785-795.	1.8	10
5	Long-lived field-free molecular orientation driven by modulated few-cycle terahertz pulses. Chemical Physics, 2012, 405, 89-92.	1.9	10
6	THEORETICAL STUDY OF ABOVE THRESHOLD DISSOCIATION OF HD+ IN FEMTOSECOND LASER FIELDS. Journal of Theoretical and Computational Chemistry, 2009, 08, 1197-1215.	1.8	8
7	Field-Free Molecular Orientation with a Few Half-Cycle Pulses in the Terahertz Region. Chinese Physics Letters, 2011, 28, 103301.	3.3	8
8	Theoretical insights into excited-state intramolecular and multiple intermolecular hydrogen bonds in 2-(2-Hydroxy-phenyl)-4(3H)-quinazolinone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 61-67.	3.9	8
9	Field-Free Molecular Orientation Induced by a Single-Cycle THz Laser Pulse Train. Communications in Computational Physics, 2016, 20, 689-702.	1.7	7
10	The influence of molecular pre-orientation on the resonance-enhanced multi-photon ionization dynamics. Chemical Physics, 2017, 485-486, 35-44.	1.9	6
11	The photoionization dynamics based on molecular pre-orientation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 213, 48-56.	3.9	4
12	Enhancement of molecular orientation with two super-Gaussian pulses. Laser Physics Letters, 2020, 17, 056001.	1.4	3
13	Control of molecular-field-free orientation steered by asymmetric phase-jump laser pulses. Chemical Physics, 2021, 551, 111330.	1.9	3
14	The influence of molecular alignment and orientation in the ground state and excited state on the resonance-enhanced multi-photon ionization dynamics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120154.	3.9	3
15	Field-free molecular orientation induced by a four-color laser pulse. Chemical Physics, 2021, 544, 111114.	1.9	2
16	Controlling molecular orientation by laser pulses with two different envelope shapes. International Journal of Quantum Chemistry, 2022, 122, e26830.	2.0	2
17	Asymmetrical photoelectron angular distributions in ionization of NaK molecules driven by pump-probe femtosecond laser pulses. Chemical Physics, 2022, 560, 111575.	1.9	1