

Maryam Tarazkar

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

496
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraviolet surprise: Efficient soft x-ray high-harmonic generation in multiply ionized plasmas. <i>Science</i> , 2015, 350, 1225-1231.	12.6	165
2	Methane Pyrolysis with a Molten Cu-Bi Alloy Catalyst. <i>ACS Catalysis</i> , 2019, 9, 8337-8345.	11.2	112
3	Catalytic Methane Pyrolysis with Liquid and Vapor Phase Tellurium. <i>ACS Catalysis</i> , 2020, 10, 8223-8230.	11.2	42
4	Methane pyrolysis in low-cost, alkali-halide molten salts at high temperatures. <i>Sustainable Energy and Fuels</i> , 2021, 5, 6107-6123.	4.9	31
5	Higher-order nonlinearity of refractive index: The case of argon. <i>Journal of Chemical Physics</i> , 2014, 140, 214316.	3.0	28
6	Measurement of an Electronic Resonance in a Ground-State, Gas-Phase Acetophenone Cation via Strong-Field Mass Spectrometry. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1587-1591.	4.6	23
7	Measurement of Ionic Resonances in Alkyl Phenyl Ketone Cations via Infrared Strong Field Mass Spectrometry. <i>Journal of Physical Chemistry A</i> , 2013, 117, 12374-12381.	2.5	18
8	Strong Field Adiabatic Ionization Prepares a Launch State for Coherent Control. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 4305-4309.	4.6	18
9	Controlling the dissociation dynamics of acetophenone radical cation through excitation of ground and excited state wavepackets. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 164002.	1.5	15
10	Radical cation spectroscopy of substituted alkyl phenyl ketones via tunnel ionization. <i>Chemical Physics</i> , 2014, 442, 81-85.	1.9	13
11	Controlling Dissociation of Alkyl Phenyl Ketone Radical Cations in the Strong-Field Regime through Hydroxyl Substitution Position. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8170-8176.	2.5	12
12	Theoretical study of second-order hyperpolarizability for nitrogen radical cation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 094019.	1.5	12
13	Initial Steps in CH ₄ Pyrolysis on Cu and Ni. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18665-18672.	3.1	4
14	Properties of Methane and Carbon Adsorbed at the Interface between Molten NaBr and Ni(111). <i>Journal of Physical Chemistry C</i> , 2021, 125, 3980-3987.	3.1	3